

**DEPARTMENT OF THE NAVY**

**Fiscal Year (FY) 2010**

**BUDGET ESTIMATES**

**FY 2010 Program**



**MILITARY CONSTRUCTION AND**

**FAMILY HOUSING PROGRAMS**

**JUSTIFICATION DATA**

**Submitted to Congress**

**May 2009**

**Blank Page**

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Table of Contents**

<b>STATE LIST</b>	<b>i</b>
<b>INDEX OF LOCATIONS</b>	<b>iii</b>
<b>INDEX OF LOCATIONS (NAVY)</b>	<b>xiii</b>
<b>INDEX OF LOCATIONS (MARINES)</b>	<b>xvii</b>
<b>MISSION STATUS INDEX</b>	<b>xxiii</b>
<b>INSTALLATION INDEX</b>	<b>xxix</b>
<b>APPROPRIATION LANGUAGE</b>	<b>xxxii</b>
<b>SPECIAL PROGRAM CONSIDERATIONS</b>	<b>xxxiii</b>
<b>PROJECT JUSTIFICATIONS - INSIDE THE UNITED STATES</b>	<b>1</b>
<b>PROJECT JUSTIFICATIONS - OUTSIDE THE UNITED STATES</b>	<b>501</b>
<b>PLANNING AND DESIGN</b>	<b>573</b>
<b>UNSPECIFIED MINOR CONSTRUCTION</b>	<b>575</b>
<b>FAMILY HOUSING</b>	<b>1</b>

**Blank Page**

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Summary of Locations**

<u>State/Country</u>	<b>Auth Request</b>	<b>Approp Request</b>
<b><u>Inside The United States</u></b>		
ARIZONA	28,770	28,770
CALIFORNIA	1,337,909	1,337,909
FLORIDA	166,790	166,790
HAWAII	40,562	49,207
NORTH CAROLINA	803,620	803,620
RHODE ISLAND	45,803	45,803
SOUTH CAROLINA	8,252	8,252
TEXAS	19,764	19,764
VIRGINIA	363,443	363,443
WASHINGTON	121,646	236,482
<b>Subtotal</b>	<b>2,936,559</b>	<b>3,060,040</b>
<b><u>Outside the United States</u></b>		
BAHRAIN	41,526	41,526
DJIBOUTI	41,845	41,845
GUAM	414,196	414,196
SPAIN	26,278	26,278
<b>Subtotal</b>	<b>523,845</b>	<b>523,845</b>
<b><u>Various Locations</u></b>		
Various Locations	0	179,379
<b>Subtotal</b>	<b>0</b>	<b>179,379</b>
<b>Total - FY 2010 Military Construction Program</b>	<b>3,460,404</b>	<b>3,763,264</b>

**Blank Page**

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>ARIZONA</b>						
		MCAS YUMA AZ <u>YUMA, ARIZONA</u>				
	447	Aircraft Maintenance Hangar Phase 1	27,050	27,050	New	3
	556	Airfield Electrical Distribution and Control	1,720	1,720	Current	7
		Subtotal	28,770	28,770		
		<b>Total - ARIZONA</b>	<b>28,770</b>	<b>28,770</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>CALIFORNIA</b>						
		MARINE CORPS BASE TWENTYNINE PALMS <u>BRIDGEPORT, CALIFORNIA</u>				
	550	Fire Station - Renovation - MWTC	4,460	4,460	Current	13
		Subtotal	4,460	4,460		
		MARINE CORPS AIR STATION CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>				
	086	Expand Combat Aircraft Loading Apron	12,240	12,240	Current	19
	107	Aviation Transmitter/Receiver Site	13,560	13,560	Current	23
		Subtotal	25,800	25,800		
		MARINE CORPS BASE CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>				
	1012	ANGLICO Operations Complex	25,190	25,190	Current	29
	1016	Reconnaissance Bn Operations Complex	77,660	77,660	Current	35
	1019	Comm/Elect Maintenance Facility	13,170	13,170	Current	41
	1029	WFTBn Support Facilities	15,780	15,780	Current	47
	1033	Enlisted Dining Facility - Edson Range	37,670	37,670	Current	53
	1041	Expansion of SRTTP to 7.5 MGD	55,180	55,180	Current	57
	1043	North Regional Tertiary Treatment Plant	142,330	142,330	Current	61
	1048	Gas/Electrical Upgrades	51,040	51,040	Current	67
	1067	Bachelor Enlisted Quarters	39,610	39,610	Current	71
	1069	Recruit Barracks, School of Infantry	53,320	53,320	Current	75
	1084	Enlisted Dining Facility	32,300	32,300	Current	79
	1086	Recruit Barracks - Field/K-Span	23,200	23,200	Current	85
	1093	Communications Upgrades	79,492	79,492	Current	89
	1094	Electrical Distribution System	76,950	76,950	Current	93
	159A	Operations Access Points	12,740	12,740	Current	97
	610	Recruit Marksmanship Training Facility	13,730	13,730	Current	101
		Subtotal	749,362	749,362		
		NAWS CHINA LAKE <u>CHINA LAKE, CALIFORNIA</u>				
	908F	F-35 Edwards Ramp Extension	3,007	3,007	New	107
		Subtotal	3,007	3,007		
		MARINE CORPS RECRUIT DEPOT <u>SAN DIEGO, CALIFORNIA</u>				
	296	Messhall Expansion	23,590	23,590	Current	113
		Subtotal	23,590	23,590		
		MCAS MIRAMAR <u>SAN DIEGO, CALIFORNIA</u>				
	178	Aircraft Parking Apron Modification	9,280	9,280	New	121
		Subtotal	9,280	9,280		
		NAVBASE POINT LOMA <u>SAN DIEGO, CALIFORNIA</u>				

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
		<u>Inside the United States</u>				
	129	Public Works Shops Consolidation	8,730	8,730	Current	127
		Subtotal	8,730	8,730		
		<u>MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA</u>				
	101	Maint. Shop - Wheeled	16,040	16,040	Current	133
	103	Maint. Sunshades - Wheeled	12,580	12,580	Current	137
	107	Comm./Elect. Maint./Storage	12,660	12,660	Current	141
	114	Dining Facility - North Mainside	17,200	17,200	Current	145
	116	Bachelor Enlisted Quarters	37,290	37,290	Current	149
	121	Maint. Shop - Tracked	19,780	19,780	Current	153
	126	Station Comm. Facility and Infrastructure	49,040	49,040	Current	157
	127	Sub-Station and Electrical Upgrades	31,310	31,310	Current	161
	128	Elec. Infra. Upgrade - 34.5Kv to 115Kv	46,220	46,220	Current	165
	129	Elec. Power Plant/Co-Gen/Gas Turbine - N	53,260	53,260	Current	169
	130	Water Improvements and Storage Tank	30,610	30,610	Current	175
	131	Sewage System Improvements and Lift Station	5,800	5,800	Current	179
	132	HTHW/Chilled Water System	25,790	25,790	Current	183
	133	Natural Gas System Extension	19,990	19,990	Current	187
	143	Construct Roads - North Mainside	29,360	29,360	Current	191
	146	Industrial Waste Water Pretreatment System	3,330	3,330	Current	195
	170	Bachelor Enlisted Quarters	37,290	37,290	Current	199
	171	Laydown Site Work - North Mainside	21,740	21,740	Current	203
	172	Secondary Elec.Dist. - North Mainside	31,720	31,720	Current	207
	173	Consolidated Armory, Tanks	12,670	12,670	Current	211
		Subtotal	513,680	513,680		
		<b>Total - CALIFORNIA</b>	<b>1,337,909</b>	<b>1,337,909</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>FLORIDA</b>						
		NAS WHITING FLD MILTON FL <u>EGLIN A.F.B., FLORIDA</u>				
	902F	F-35 Hydrant Refueling System Phase 1	6,208	6,208	New	217
	905F	F-35 JP8 West Side Bulk Tank Upgrades	621	621	New	221
	906F	F-35 POL Operations Facility	2,056	2,056	New	223
	907F	F-35 JP8 Flightline Fillstands	3,492	3,492	New	227
	909F	F-35 Parallel Taxiway Ladder	931	931	New	231
	918F	F-35 A/C Parking Apron	11,252	11,252	New	235
	925	BEQ, EOD School Phase 2	26,287	26,287	New	239
		Subtotal	50,847	50,847		
		MCSF BLOUNT ISLAND <u>JACKSONVILLE, FLORIDA</u>				
	006	Port Operations Facility	3,760	3,760	Current	245
		Subtotal	3,760	3,760		
		NAS JACKSONVILLE FL <u>JACKSONVILLE, FLORIDA</u>				
	630	P-8A (MMA) Facilities Modification	5,917	5,917	New	251
		Subtotal	5,917	5,917		
		NAVSTA MAYPORT FL <u>JACKSONVILLE, FLORIDA</u>				
	187	Channel Dredging	46,303	46,303	Current	257
	777	Wharf Charlie Repairs	29,682	29,682	Current	261
		Subtotal	75,985	75,985		
		NAS WHITING FLD MILTON FL <u>MILTON, FLORIDA</u>				
	273	T-6B JPATS Training Ops Paraloft Facility	4,120	4,120	Current	267
		Subtotal	4,120	4,120		
		NAS PENSACOLA FL <u>PENSACOLA, FLORIDA</u>				
	724	Corry 'A' School BEQ	22,950	22,950	Current	273
	782	Simulator Addition for UMFO Program	3,211	3,211	Current	277
		Subtotal	26,161	26,161		
		<b>Total - FLORIDA</b>	<b>166,790</b>	<b>166,790</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>HAWAII</b>						
		MARINE CORPS BASE HAWAII <u>EWA BEACH, HAWAII</u>				
	839	Range 1000, Puuloa	5,380	5,380	Current	283
		Subtotal	5,380	5,380		
		NAVSTA PEARL HARBOR HI <u>PEARL HARBOR, HAWAII</u>				
	004	APCSS Conference & Technology Learning Center	12,775	12,775	Current	289
	182	Missile Magazines (5), West Loch	22,407	22,407	Current	295
	587B	Sub Drive-In MSF, Beckoning Point Inc 3 of 3	0	8,645	New	299
		Subtotal	35,182	43,827		
		<b>Total - HAWAII</b>	<b>40,562</b>	<b>49,207</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>NORTH CAROLINA</b>						
		<u>MARINE CORPS BASE CAMP LEJEUNE</u> <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	1160	Physical Fitness Center	39,760	39,760	Current	307
	1194	BEQ - Wallace Creek	43,480	43,480	Current	311
	1195	BEQ - Wallace Creek	44,390	44,390	Current	315
	1196	BEQ - Wallace Creek	44,390	44,390	Current	319
	1197	BEQ - Wallace Creek	42,110	42,110	Current	323
	1233	Maintenance/Ops Complex	52,390	52,390	Current	327
	1247	BEQ - Wallace Creek	34,160	34,160	Current	331
	1266	Utility Expansion - Courthouse Bay	56,280	56,280	Current	335
	1268	SOI-EAST Facilities - Camp Geiger	56,940	56,940	Current	339
	1269	Field Training Fac. - Devil Dog - SOI	37,170	37,170	Current	343
	1297	4th Infantry Bn Ops Complex	55,150	55,150	Current	347
	1298	Road Network - Wallace Creek	15,130	15,130	Current	351
	1304	MP Working Dog Kennel - Relocation	8,370	8,370	Current	355
	1310	Pre-Trial Detainee Facility	18,580	18,580	Current	359
	1311	Consolidated Info Tech/Telecom Complex	46,120	46,120	Current	363
	1382	New Base Entry Point and Road - Phase 1	79,150	79,150	Current	367
	311	Parallel Taxiway	17,870	17,870	Current	371
	619	Tactical Support Van Pad Addition	5,490	5,490	Current	375
	652	VMMT-204 Maintenance Hangar - Phase 3	28,210	28,210	Current	379
	688	Apron Expansion (Phase 2)	35,600	35,600	New	383
	714	Gymnasium/Outdoor Pool	19,920	19,920	Current	387
		Subtotal	780,660	780,660		
		<u>MCAS CHERRY POINT NC</u> <u>CHERRY POINT, NORTH CAROLINA</u>				
	141	EMS/Fire Vehicle Facility	10,600	10,600	Current	393
	146	Ordnance Magazines	12,360	12,360	Current	397
		Subtotal	22,960	22,960		
		<b>Total - NORTH CAROLINA</b>	<b>803,620</b>	<b>803,620</b>		
<b>RHODE ISLAND</b>						
		<u>NAVAL STATION NEWPORT RI</u> <u>NEWPORT, RHODE ISLAND</u>				
	451	Officer Training Command (OTC) Quarters	45,803	45,803	Current	403
		Subtotal	45,803	45,803		
		<b>Total - RHODE ISLAND</b>	<b>45,803</b>	<b>45,803</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>SOUTH CAROLINA</b>						
		MARINE CORPS AIR STATION BEAUFORT <u>BEAUFORT, SOUTH CAROLINA</u>				
	441	Widebody Aircraft Fuel Lane	1,280	1,280	Current	411
		Subtotal	1,280	1,280		
		MCRD/BEAUFORT PI SC <u>PARRIS ISLAND, SOUTH CAROLINA</u>				
	360	Electrical Substation Improvements	6,972	6,972	Current	417
		Subtotal	6,972	6,972		
		<b>Total - SOUTH CAROLINA</b>	<b>8,252</b>	<b>8,252</b>		
<b>TEXAS</b>						
		NAS CORPUS CHRISTI TX <u>CORPUS CHRISTI, TEXAS</u>				
	437	Operational Facilities for T-6	19,764	19,764	New	423
		Subtotal	19,764	19,764		
		<b>Total - TEXAS</b>	<b>19,764</b>	<b>19,764</b>		
<b>VIRGINIA</b>						
		NAVPHIBASE LITTLE CREEK VA <u>NORFOLK, VIRGINIA</u>				
	851	Naval Construction Div Operations Facility	13,095	13,095	Current	429
		Subtotal	13,095	13,095		
		NAVSTA NORFOLK VA <u>NORFOLK, VIRGINIA</u>				
	016	E-2D Training Facility	11,737	11,737	New	435
	838	E-2D Facility Upgrades for E-2D Program	6,402	6,402	New	439
		Subtotal	18,139	18,139		
		NSA NORFOLK NAVY SHIPYARD <u>PORTSMOUTH, VIRGINIA</u>				
	516	Ship Repair Pier Replacement	226,969	226,969	Current	445
		Subtotal	226,969	226,969		
		MARINE CORPS BASE QUANTICO <u>QUANTICO, VIRGINIA</u>				
	406	Aircraft Trainer	3,170	3,170	Current	453
	548	Dining Facility, TBS	14,780	14,780	Current	457
	565	Student Quarters, TBS, Phase 4	32,060	32,060	Current	461
	614	South Mainside Electrical Substation	15,270	15,270	Current	465
	620	Battalion Training Facility - MSGBN	10,340	10,340	Current	469
	625	MC Information Operations Center - MCIOC	29,620	29,620	Current	473
		Subtotal	105,240	105,240		
		<b>Total - VIRGINIA</b>	<b>363,443</b>	<b>363,443</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>WASHINGTON</b>						
		NAVAL BASE KITSAP BREMERTON WA <u>BREMERTON, WASHINGTON</u>				
	356A	CVN Maintenance Pier Replacement Incr 2 of 2	0	69,064	Current	479
	973E	Limited Area Prod & Strg Complex Incr 6 of 7	0	87,292	Current	485
	977A	Enclave Fencing/Parking	108,939	67,419	Current	489
		Subtotal	108,939	223,775		
		NAVAL STATION EVERETT <u>SPOKANE, WASHINGTON</u>				
	702	Specialized SERE Training Area	12,707	12,707	Current	497
		Subtotal	12,707	12,707		
		<b>Total - WASHINGTON</b>	<b>121,646</b>	<b>236,482</b>		
		<b>Total - Inside The United States</b>	<b>2,936,559</b>	<b>3,060,040</b>		
<u>Outside the United States</u>						
<b>BAHRAIN</b>						
		NAVSUPPACT BAHRAIN <u>AL JUFA YR, BAHRAIN</u>				
	928	Waterfront Development Phase 2	41,526	41,526	Current	503
		Subtotal	41,526	41,526		
		<b>Total - BAHRAIN</b>	<b>41,526</b>	<b>41,526</b>		
<b>DJIBOUTI</b>						
		CAMP LEMONIER DJIBOUTI <u>DJIBOUTI, DJIBOUTI</u>				
	220	Ammo Supply Point	21,689	21,689	Current	509
	235	Security Fencing 1	8,109	8,109	Current	513
	237	Fire Station	4,772	4,772	Current	517
	916	Interior Paved Roads	7,275	7,275	Current	521
		Subtotal	41,845	41,845		
		<b>Total - DJIBOUTI</b>	<b>41,845</b>	<b>41,845</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy and Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Outside the United States</u></b>						
<b>GUAM</b>						
		NAVBASE GUAM <u>AGANA, GUAM</u>				
	1003	Military Working Dog Relocation, Apra Harbor	27,070	27,070	Current	527
	1006	Defense Access Road Improvements	48,860	48,860	Current	531
	204	Apra Harbor Wharf Improvement, Phase 1	167,033	167,033	Current	535
	528	Torpedo Exercise Support Building	15,627	15,627	Current	541
		Subtotal	258,590	258,590		
		NAVBASE GUAM <u>ANDERSEN AB, GUAM</u>				
	100	North Ramp Utilities, Phase 1	21,500	21,500		549
	101	North Ramp Parking, Phase 1	88,797	88,797	Current	553
		Subtotal	110,297	110,297		
		NAVBASE GUAM <u>APRA, GUAM</u>				
	465	Consolidated SLC Training & CSS-15 HQ Fac.	45,309	45,309	Current	559
		Subtotal	45,309	45,309		
		<b>Total - GUAM</b>	<b>414,196</b>	<b>414,196</b>		
<b>SPAIN</b>						
		NAVSTA ROTA SP <u>ROTA, SPAIN</u>				
	898	Reception Airfield Facilities	26,278	26,278	Current	567
		Subtotal	26,278	26,278		
		<b>Total - SPAIN</b>	<b>26,278</b>	<b>26,278</b>		
		<b>Total - Outside The United States</b>	<b>523,845</b>	<b>523,845</b>		
<b><u>Various Locations</u></b>						
	210	Planning & Design	0	166,896	Current	573
	210	Unspecified Minor Construction	0	12,483	Current	575
		<b>Total - Various Locations</b>	<b>0</b>	<b>179,379</b>		
		<b>Grand Total</b>	<b>3,460,404</b>	<b>3,763,264</b>		

**Blank Page**

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Inside the United States</u></b>						
<b>CALIFORNIA</b>						
		NAWS CHINA LAKE <u>CHINA LAKE, CALIFORNIA</u>				
	908F	F-35 Edwards Ramp Extension	3,007	3,007	New	107
		Subtotal	3,007	3,007		
		NAVBASE POINT LOMA <u>SAN DIEGO, CALIFORNIA</u>				
	129	Public Works Shops Consolidation	8,730	8,730	Current	127
		Subtotal	8,730	8,730		
		<b>Total - CALIFORNIA</b>	<b>11,737</b>	<b>11,737</b>		
<b>FLORIDA</b>						
		NAS WHITING FLD MILTON FL <u>EGLIN A.F.B., FLORIDA</u>				
	902F	F-35 Hydrant Refueling System Phase 1	6,208	6,208	New	217
	905F	F-35 JP8 West Side Bulk Tank Upgrades	621	621	New	221
	906F	F-35 POL Operations Facility	2,056	2,056	New	223
	907F	F-35 JP8 Flightline Fillstands	3,492	3,492	New	227
	909F	F-35 Parallel Taxiway Ladder	931	931	New	231
	918F	F-35 A/C Parking Apron	11,252	11,252	New	235
	925	BEQ, EOD School Phase 2	26,287	26,287	New	239
		Subtotal	50,847	50,847		
		NAS JACKSONVILLE FL <u>JACKSONVILLE, FLORIDA</u>				
	630	P-8A (MMA) Facilities Modification	5,917	5,917	New	251
		Subtotal	5,917	5,917		
		NAVSTA MAYPORT FL <u>JACKSONVILLE, FLORIDA</u>				
	187	Channel Dredging	46,303	46,303	Current	257
	777	Wharf Charlie Repairs	29,682	29,682	Current	261
		Subtotal	75,985	75,985		
		NAS WHITING FLD MILTON FL <u>MILTON, FLORIDA</u>				
	273	T-6B JPATS Training Ops Paraloft Facility	4,120	4,120	Current	267
		Subtotal	4,120	4,120		
		NAS PENSACOLA FL <u>PENSACOLA, FLORIDA</u>				
	724	Corry 'A' School BEQ	22,950	22,950	Current	273
	782	Simulator Addition for UMFO Program	3,211	3,211	Current	277
		Subtotal	26,161	26,161		
		<b>Total - FLORIDA</b>	<b>163,030</b>	<b>163,030</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Inside the United States</u></b>						
<b>HAWAII</b>						
		NAVSTA PEARL HARBOR HI <u>PEARL HARBOR, HAWAII</u>				
	004	APCSS Conference & Technology Learning Center	12,775	12,775	Current	289
	182	Missile Magazines (5), West Loch	22,407	22,407	Current	295
	587B	Sub Drive-In MSF, Beckoning Point Inc 3 of 3	0	8,645	New	299
		Subtotal	35,182	43,827		
		<b>Total - HAWAII</b>	<b>35,182</b>	<b>43,827</b>		
<b>RHODE ISLAND</b>						
		NAVAL STATION NEWPORT RI <u>NEWPORT, RHODE ISLAND</u>				
	451	Officer Training Command (OTC) Quarters	45,803	45,803	Current	403
		Subtotal	45,803	45,803		
		<b>Total - RHODE ISLAND</b>	<b>45,803</b>	<b>45,803</b>		
<b>TEXAS</b>						
		NAS CORPUS CHRISTI TX <u>CORPUS CHRISTI, TEXAS</u>				
	437	Operational Facilities for T-6	19,764	19,764	New	423
		Subtotal	19,764	19,764		
		<b>Total - TEXAS</b>	<b>19,764</b>	<b>19,764</b>		
<b>VIRGINIA</b>						
		NAVPHIBASE LITTLE CREEK VA <u>NORFOLK, VIRGINIA</u>				
	851	Naval Construction Div Operations Facility	13,095	13,095	Current	429
		Subtotal	13,095	13,095		
		NAVSTA NORFOLK VA <u>NORFOLK, VIRGINIA</u>				
	016	E-2D Training Facility	11,737	11,737	New	435
	838	E-2D Facility Upgrades for E-2D Program	6,402	6,402	New	439
		Subtotal	18,139	18,139		
		NSA NORFOLK NAVY SHIPYARD <u>PORTSMOUTH, VIRGINIA</u>				
	516	Ship Repair Pier Replacement	226,969	226,969	Current	445
		Subtotal	226,969	226,969		
		<b>Total - VIRGINIA</b>	<b>258,203</b>	<b>258,203</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Inside the United States</u></b>						
<b>WASHINGTON</b>						
		NAVAL BASE KITSAP BREMERTON WA <u>BREMERTON, WASHINGTON</u>				
	356A	CVN Maintenance Pier Replacement Incr 2 of 2	0	69,064	Current	479
	973E	Limited Area Prod & Strg Complex Incr 6 of 7	0	87,292	Current	485
	977A	Enclave Fencing/Parking	108,939	67,419	Current	489
		Subtotal	108,939	223,775		
		NAVAL STATION EVERETT <u>SPOKANE, WASHINGTON</u>				
	702	Specialized SERE Training Area	12,707	12,707	Current	497
		Subtotal	12,707	12,707		
		<b>Total - WASHINGTON</b>	<b>121,646</b>	<b>236,482</b>		
		<b>Total - Inside The United States</b>	<b>655,365</b>	<b>778,846</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Navy Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Outside the United States</u></b>						
<b>BAHRAIN</b>						
		NAVSUPPACT BAHRAIN <u>AL JUFAYR, BAHRAIN</u>				
	928	Waterfront Development Phase 2	41,526	41,526	Current	503
		Subtotal	41,526	41,526		
		<b>Total - BAHRAIN</b>	<b>41,526</b>	<b>41,526</b>		
<b>DJIBOUTI</b>						
		CAMP LEMONIER DJIBOUTI <u>DJIBOUTI, DJIBOUTI</u>				
	220	Ammo Supply Point	21,689	21,689	Current	509
	235	Security Fencing 1	8,109	8,109	Current	513
	237	Fire Station	4,772	4,772	Current	517
	916	Interior Paved Roads	7,275	7,275	Current	521
		Subtotal	41,845	41,845		
		<b>Total - DJIBOUTI</b>	<b>41,845</b>	<b>41,845</b>		
<b>GUAM</b>						
		NAVBASE GUAM <u>AGANA, GUAM</u>				
	528	Torpedo Exercise Support Building	15,627	15,627	Current	541
		Subtotal	15,627	15,627		
		NAVBASE GUAM <u>APRA, GUAM</u>				
	465	Consolidated SLC Training & CSS-15 HQ Fac.	45,309	45,309	Current	559
		Subtotal	45,309	45,309		
		<b>Total - GUAM</b>	<b>60,936</b>	<b>60,936</b>		
<b>SPAIN</b>						
		NAVSTA ROTA SP <u>ROTA, SPAIN</u>				
	898	Reception Airfield Facilities	26,278	26,278	Current	567
		Subtotal	26,278	26,278		
		<b>Total - SPAIN</b>	<b>26,278</b>	<b>26,278</b>		
		<b>Total - Outside The United States</b>	<b>170,585</b>	<b>170,585</b>		
<b><u>Various Locations</u></b>						
	210	Planning & Design	0	166,896	Current	573
	210	Unspecified Minor Construction	0	12,483	Current	575
		<b>Total - Various Locations</b>	<b>0</b>	<b>179,379</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Index of Locations for Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>ARIZONA</b>						
		MCAS YUMA AZ <u>YUMA, ARIZONA</u>				
	447	Aircraft Maintenance Hangar Phase 1	27,050	27,050	New	3
	556	Airfield Electrical Distribution and Control	1,720	1,720	Current	7
		Subtotal	28,770	28,770		
		<b>Total - ARIZONA</b>	<b>28,770</b>	<b>28,770</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Index of Locations for Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b>CALIFORNIA</b>						
<u>Inside the United States</u>						
MARINE CORPS BASE TWENTYNINE PALMS <u>BRIDGEPORT, CALIFORNIA</u>						
	550	Fire Station - Renovation - MWTC	4,460	4,460	Current	13
		Subtotal	4,460	4,460		
MARINE CORPS AIR STATION CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>						
	086	Expand Combat Aircraft Loading Apron	12,240	12,240	Current	19
	107	Aviation Transmitter/Receiver Site	13,560	13,560	Current	23
		Subtotal	25,800	25,800		
MARINE CORPS BASE CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>						
	1012	ANGLICO Operations Complex	25,190	25,190	Current	29
	1016	Reconnaissance Bn Operations Complex	77,660	77,660	Current	35
	1019	Comm/Elect Maintenance Facility	13,170	13,170	Current	41
	1029	WFTBn Support Facilities	15,780	15,780	Current	47
	1033	Enlisted Dining Facility - Edson Range	37,670	37,670	Current	53
	1041	Expansion of SRTTP to 7.5 MGD	55,180	55,180	Current	57
	1043	North Regional Tertiary Treatment Plant	142,330	142,330	Current	61
	1048	Gas/Electrical Upgrades	51,040	51,040	Current	67
	1067	Bachelor Enlisted Quarters	39,610	39,610	Current	71
	1069	Recruit Barracks, School of Infantry	53,320	53,320	Current	75
	1084	Enlisted Dining Facility	32,300	32,300	Current	79
	1086	Recruit Barracks - Field/K-Span	23,200	23,200	Current	85
	1093	Communications Upgrades	79,492	79,492	Current	89
	1094	Electrical Distribution System	76,950	76,950	Current	93
	159A	Operations Access Points	12,740	12,740	Current	97
	610	Recruit Marksmanship Training Facility	13,730	13,730	Current	101
		Subtotal	749,362	749,362		
MARINE CORPS RECRUIT DEPOT <u>SAN DIEGO, CALIFORNIA</u>						
	296	Messhall Expansion	23,590	23,590	Current	113
		Subtotal	23,590	23,590		
MCAS MIRAMAR <u>SAN DIEGO, CALIFORNIA</u>						
	178	Aircraft Parking Apron Modification	9,280	9,280	New	121
		Subtotal	9,280	9,280		
MARINE CORPS BASE TWENTYNINE PALMS <u>TWENTYNINE PALMS, CALIFORNIA</u>						
	101	Maint. Shop - Wheeled	16,040	16,040	Current	133
	103	Maint. Sunshades - Wheeled	12,580	12,580	Current	137
	107	Comm./Elect. Maint./Storage	12,660	12,660	Current	141

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Inside the United States</u></b>						
	114	Dining Facility - North Mainside	17,200	17,200	Current	145
	116	Bachelor Enlisted Quarters	37,290	37,290	Current	149
	121	Maint. Shop - Tracked	19,780	19,780	Current	153
	126	Station Comm. Facility and Infrastructure	49,040	49,040	Current	157
	127	Sub-Station and Electrical Upgrades	31,310	31,310	Current	161
	128	Elec. Infra. Upgrade - 34.5Kv to 115Kv	46,220	46,220	Current	165
	129	Elec. Power Plant/Co-Gen/Gas Turbine - N	53,260	53,260	Current	169
	130	Water Improvements and Storage Tank	30,610	30,610	Current	175
	131	Sewage System Improvements and Lift Station	5,800	5,800	Current	179
	132	HTHW/Chilled Water System	25,790	25,790	Current	183
	133	Natural Gas System Extension	19,990	19,990	Current	187
	143	Construct Roads - North Mainside	29,360	29,360	Current	191
	146	Industrial Waste Water Pretreatment System	3,330	3,330	Current	195
	170	Bachelor Enlisted Quarters	37,290	37,290	Current	199
	171	Laydown Site Work - North Mainside	21,740	21,740	Current	203
	172	Secondary Elec. Dist. - North Mainside	31,720	31,720	Current	207
	173	Consolidated Armory, Tanks	12,670	12,670	Current	211
		Subtotal	513,680	513,680		
		<b>Total - CALIFORNIA</b>	<b>1,326,172</b>	<b>1,326,172</b>		
<b>FLORIDA</b>						
		<u>MCSF BLOUNT ISLAND</u>				
		<u>JACKSONVILLE, FLORIDA</u>				
	006	Port Operations Facility	3,760	3,760	Current	245
		Subtotal	3,760	3,760		
		<b>Total - FLORIDA</b>	<b>3,760</b>	<b>3,760</b>		
<b>HAWAII</b>						
		<u>MARINE CORPS BASE HAWAII</u>				
		<u>EWA BEACH, HAWAII</u>				
	839	Range 1000, Puuloa	5,380	5,380	Current	283
		Subtotal	5,380	5,380		
		<b>Total - HAWAII</b>	<b>5,380</b>	<b>5,380</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Index of Locations for Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>NORTH CAROLINA</b>						
<u>MARINE CORPS BASE CAMP LEJEUNE</u> <u>CAMP LEJEUNE, NORTH CAROLINA</u>						
	1160	Physical Fitness Center	39,760	39,760	Current	307
	1194	BEQ - Wallace Creek	43,480	43,480	Current	311
	1195	BEQ - Wallace Creek	44,390	44,390	Current	315
	1196	BEQ - Wallace Creek	44,390	44,390	Current	319
	1197	BEQ - Wallace Creek	42,110	42,110	Current	323
	1233	Maintenance/Ops Complex	52,390	52,390	Current	327
	1247	BEQ - Wallace Creek	34,160	34,160	Current	331
	1266	Utility Expansion - Courthouse Bay	56,280	56,280	Current	335
	1268	SOI-EAST Facilities - Camp Geiger	56,940	56,940	Current	339
	1269	Field Training Fac. - Devil Dog - SOI	37,170	37,170	Current	343
	1297	4th Infantry Bn Ops Complex	55,150	55,150	Current	347
	1298	Road Network - Wallace Creek	15,130	15,130	Current	351
	1304	MP Working Dog Kennel - Relocation	8,370	8,370	Current	355
	1310	Pre-Trial Detainee Facility	18,580	18,580	Current	359
	1311	Consolidated Info Tech/Telecom Complex	46,120	46,120	Current	363
	1382	New Base Entry Point and Road - Phase 1	79,150	79,150	Current	367
	311	Parallel Taxiway	17,870	17,870	Current	371
	619	Tactical Support Van Pad Addition	5,490	5,490	Current	375
	652	VMMT-204 Maintenance Hangar - Phase 3	28,210	28,210	Current	379
	688	Apron Expansion (Phase 2)	35,600	35,600	New	383
	714	Gymnasium/Outdoor Pool	19,920	19,920	Current	387
		Subtotal	780,660	780,660		
<u>MCAS CHERRY POINT NC</u> <u>CHERRY POINT, NORTH CAROLINA</u>						
	141	EMS/Fire Vehicle Facility	10,600	10,600	Current	393
	146	Ordnance Magazines	12,360	12,360	Current	397
		Subtotal	22,960	22,960		
		<b>Total - NORTH CAROLINA</b>	<b>803,620</b>	<b>803,620</b>		
<b>SOUTH CAROLINA</b>						
<u>MARINE CORPS AIR STATION BEAUFORT</u> <u>BEAUFORT, SOUTH CAROLINA</u>						
	441	Widebody Aircraft Fuel Lane	1,280	1,280	Current	411
		Subtotal	1,280	1,280		
<u>MCRD/BEAUFORT PI SC</u> <u>PARRIS ISLAND, SOUTH CAROLINA</u>						
	360	Electrical Substation Improvements	6,972	6,972	Current	417
		Subtotal	6,972	6,972		
		<b>Total - SOUTH CAROLINA</b>	<b>8,252</b>	<b>8,252</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Index of Locations for Marine Corps Projects**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Inside the United States</u></b>						
<b>VIRGINIA</b>						
MARINE CORPS BASE QUANTICO						
<u>QUANTICO, VIRGINIA</u>						
	406	Aircraft Trainer	3,170	3,170	Current	453
	548	Dining Facility, TBS	14,780	14,780	Current	457
	565	Student Quarters, TBS, Phase 4	32,060	32,060	Current	461
	614	South Mainside Electrical Substation	15,270	15,270	Current	465
	620	Battalion Training Facility - MSGBN	10,340	10,340	Current	469
	625	MC Information Operations Center - MCIOC	29,620	29,620	Current	473
		Subtotal	105,240	105,240		
		<b>Total - VIRGINIA</b>	<b>105,240</b>	<b>105,240</b>		
		<b>Total - Inside The United States</b>	<b>2,281,194</b>	<b>2,281,194</b>		
<b><u>Outside the United States</u></b>						
<b>GUAM</b>						
NAVBASE GUAM						
<u>AGANA, GUAM</u>						
	1003	Military Working Dog Relocation, Apra Harbor	27,070	27,070	Current	527
	1006	Defense Access Road Improvements	48,860	48,860	Current	531
	204	Apra Harbor Wharf Improvement, Phase 1	167,033	167,033	Current	535
		Subtotal	242,963	242,963		
NAVBASE GUAM						
<u>ANDERSEN AB, GUAM</u>						
	100	North Ramp Utilities, Phase 1	21,500	21,500		549
	101	North Ramp Parking, Phase 1	88,797	88,797	Current	553
		Subtotal	110,297	110,297		
		<b>Total - GUAM</b>	<b>353,260</b>	<b>353,260</b>		
		<b>Total - Outside The United States</b>	<b>353,260</b>	<b>353,260</b>		

**Blank Page**

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<u>Inside the United States</u>				
<u>ARIZONA</u>				
MCAS YUMA AZ	447	Aircraft Maintenance Hangar Phase 1	27,050	New
YUMA, ARIZONA	556	Airfield Electrical Distribution and Control	1,720	Current

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<u>Inside the United States</u>				
<b>CALIFORNIA</b>				
MARINE CORPS BASE TWENTYNINE PALMS BRIDGEPORT, CALIFORNIA	550	Fire Station - Renovation - MWTC	4,460	Current
MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	086	Expand Combat Aircraft Loading Apron	12,240	Current
	107	Aviation Transmitter/Receiver Site	13,560	Current
MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	1012	ANGLICO Operations Complex	25,190	Current
	1016	Reconnaissance Bn Operations Complex	77,660	Current
	1019	Comm/Elect Maintenance Facility	13,170	Current
	1029	WFTBn Support Facilities	15,780	Current
	1033	Enlisted Dining Facility - Edson Range	37,670	Current
	1041	Expansion of SRTTP to 7.5 MGD	55,180	Current
	1043	North Regional Tertiary Treatment Plant	142,330	Current
	1048	Gas/Electrical Upgrades	51,040	Current
	1067	Bachelor Enlisted Quarters	39,610	Current
	1069	Recruit Barracks, School of Infantry	53,320	Current
	1084	Enlisted Dining Facility	32,300	Current
	1086	Recruit Barracks - Field/K-Span	23,200	Current
	1093	Communications Upgrades	79,492	Current
	1094	Electrical Distribution System	76,950	Current
	159A	Operations Access Points	12,740	Current
	610	Recruit Marksmanship Training Facility	13,730	Current
NAWS CHINA LAKE CHINA LAKE, CALIFORNIA	908F	F-35 Edwards Ramp Extension	3,007	New
MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA	296	Messhall Expansion	23,590	Current
MCAS MIRAMAR SAN DIEGO, CALIFORNIA	178	Aircraft Parking Apron Modification	9,280	New
NAVBASE POINT LOMA SAN DIEGO, CALIFORNIA	129	Public Works Shops Consolidation	8,730	Current
MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA	101	Maint. Shop - Wheeled	16,040	Current
	103	Maint. Sunshades - Wheeled	12,580	Current
	107	Comm./Elect. Maint./Storage	12,660	Current
	114	Dining Facility - North Mainside	17,200	Current
	116	Bachelor Enlisted Quarters	37,290	Current
	121	Maint. Shop - Tracked	19,780	Current
	126	Station Comm. Facility and Infrastructure	49,040	Current

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<b><u>Inside the United States</u></b>				
	127	Sub-Station and Electrical Upgrades	31,310	Current
	128	Elec. Infra. Upgrade - 34.5Kv to 115Kv	46,220	Current
	129	Elec. Power Plant/Co-Gen/Gas Turbine - N	53,260	Current
	130	Water Improvements and Storage Tank	30,610	Current
	131	Sewage System Improvements and Lift Station	5,800	Current
	132	HTHW/Chilled Water System	25,790	Current
	133	Natural Gas System Extension	19,990	Current
	143	Construct Roads - North Mainside	29,360	Current
	146	Industrial Waste Water Pretreatment System	3,330	Current
	170	Bachelor Enlisted Quarters	37,290	Current
	171	Laydown Site Work - North Mainside	21,740	Current
	172	Secondary Elec.Dist. - North Mainside	31,720	Current
	173	Consolidated Armory, Tanks	12,670	Current
<b><u>FLORIDA</u></b>				
NAS WHITING FLD MILTON FL EGLIN A.F.B., FLORIDA	902F	F-35 Hydrant Refueling System Phase 1	6,208	New
	905F	F-35 JP8 West Side Bulk Tank Upgrades	621	New
	906F	F-35 POL Operations Facility	2,056	New
	907F	F-35 JP8 Flightline Fillstands	3,492	New
	909F	F-35 Parallel Taxiway Ladder	931	New
	918F	F-35 A/C Parking Apron	11,252	New
	925	BEQ, EOD School Phase 2	26,287	New
MCSF BLOUNT ISLAND JACKSONVILLE, FLORIDA	006	Port Operations Facility	3,760	Current
NAS JACKSONVILLE FL JACKSONVILLE, FLORIDA	630	P-8A (MMA) Facilities Modification	5,917	New
NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA	187	Channel Dredging	46,303	Current
	777	Wharf Charlie Repairs	29,682	Current
NAS WHITING FLD MILTON FL MILTON, FLORIDA	273	T-6B JPATS Training Ops Paraloft Facility	4,120	Current
NAS PENSACOLA FL PENSACOLA, FLORIDA	724	Corry 'A' School BEQ	22,950	Current
	782	Simulator Addition for UMFO Program	3,211	Current

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<u><b>Inside the United States</b></u>				
<u><b>HAWAII</b></u>				
MARINE CORPS BASE HAWAII EWA BEACH, HAWAII	839	Range 1000, Puuloa	5,380	Current
NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII	004	APCSS Conference & Technology Learning Center	12,775	Current
	182	Missile Magazines (5), West Loch	22,407	Current
	587B	Sub Drive-In MSF, Beckoning Point Inc 3 of 3	8,645	New
<u><b>NORTH CAROLINA</b></u>				
MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA	1160	Physical Fitness Center	39,760	Current
	1194	BEQ - Wallace Creek	43,480	Current
	1195	BEQ - Wallace Creek	44,390	Current
	1196	BEQ - Wallace Creek	44,390	Current
	1197	BEQ - Wallace Creek	42,110	Current
	1233	Maintenance/Ops Complex	52,390	Current
	1247	BEQ - Wallace Creek	34,160	Current
	1266	Utility Expansion - Courthouse Bay	56,280	Current
	1268	SOI-EAST Facilities - Camp Geiger	56,940	Current
	1269	Field Training Fac. - Devil Dog - SOI	37,170	Current
	1297	4th Infantry Bn Ops Complex	55,150	Current
	1298	Road Network - Wallace Creek	15,130	Current
	1304	MP Working Dog Kennel - Relocation	8,370	Current
	1310	Pre-Trial Detainee Facility	18,580	Current
	1311	Consolidated Info Tech/Telecom Complex	46,120	Current
	1382	New Base Entry Point and Road - Phase 1	79,150	Current
	311	Parallel Taxiway	17,870	Current
	619	Tactical Support Van Pad Addition	5,490	Current
	652	VMMT-204 Maintenance Hangar - Phase 3	28,210	Current
	688	Apron Expansion (Phase 2)	35,600	New
	714	Gymnasium/Outdoor Pool	19,920	Current
MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA	141	EMS/Fire Vehicle Facility	10,600	Current
	146	Ordnance Magazines	12,360	Current
<u><b>RHODE ISLAND</b></u>				
NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND	451	Officer Training Command (OTC) Quarters	45,803	Current

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<b><u>Inside the United States</u></b>				
<b><u>SOUTH CAROLINA</u></b>				
MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA	441	Widebody Aircraft Fuel Lane	1,280	Current
MCRD/BEAUFORT PI SC PARRIS ISLAND, SOUTH CAROLINA	360	Electrical Substation Improvements	6,972	Current
<b><u>TEXAS</u></b>				
NAS CORPUS CHRISTI TX CORPUS CHRISTI, TEXAS	437	Operational Facilities for T-6	19,764	New
<b><u>VIRGINIA</u></b>				
NAVPHIBASE LITTLE CREEK VA NORFOLK, VIRGINIA	851	Naval Construction Div Operations Facility	13,095	Current
NAVSTA NORFOLK VA NORFOLK, VIRGINIA	016	E-2D Training Facility	11,737	New
	838	E-2D Facility Upgrades for E-2D Program	6,402	New
NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA	516	Ship Repair Pier Replacement	226,969	Current
MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA	406	Aircraft Trainer	3,170	Current
	548	Dining Facility, TBS	14,780	Current
	565	Student Quarters, TBS, Phase 4	32,060	Current
	614	South Mainside Electrical Substation	15,270	Current
	620	Battalion Training Facility - MSGBN	10,340	Current
	625	MC Information Operations Center - MCIOC	29,620	Current
<b><u>WASHINGTON</u></b>				
NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON	356A	CVN Maintenance Pier Replacement Incr 2 of 2	69,064	Current
	973E	Limited Area Prod & Strg Complex Incr 6 of 7	87,292	Current
	977A	Enclave Fencing/Parking	67,419	Current
NAVAL STATION EVERETT SPOKANE, WASHINGTON	702	Specialized SERE Training Area	12,707	Current
<b><u>Outside the United States</u></b>				
<b><u>BAHRAIN</u></b>				
NAVSUPPACT BAHRAIN AL JUFAYR, BAHRAIN	928	Waterfront Development Phase 2	41,526	Current

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<b><u>Outside the United States</u></b>				
<b><u>DJIBOUTI</u></b>				
CAMP LEMONIER DJIBOUTI	220	Ammo Supply Point	21,689	Current
DJIBOUTI, DJIBOUTI	235	Security Fencing 1	8,109	Current
	237	Fire Station	4,772	Current
	916	Interior Paved Roads	7,275	Current
<b><u>GUAM</u></b>				
NAVBASE GUAM	1003	Military Working Dog Relocation, Apra Harbor	27,070	Current
AGANA, GUAM	1006	Defense Access Road Improvements	48,860	Current
	204	Apra Harbor Wharf Improvement, Phase 1	167,033	Current
	528	Torpedo Exercise Support Building	15,627	Current
NAVBASE GUAM	100	North Ramp Utilities, Phase 1	21,500	
ANDERSEN AB, GUAM	101	North Ramp Parking, Phase 1	88,797	Current
NAVBASE GUAM	465	Consolidated SLC Training & CSS-15 HQ Fac.	45,309	Current
APRA, GUAM				
<b><u>SPAIN</u></b>				
NAVSTA ROTA SP	898	Reception Airfield Facilities	26,278	Current
ROTA, SPAIN				
<b><u>Various Locations</u></b>				
<b><u>VARIOUS LOCATIONS</u></b>				
Various Locations	210	Planning & Design	166,896	Current
Various Locations	210	Unspecified Minor Construction	12,483	Current

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**

**Installation Index**

<b>Installation</b>	<b>Location</b>	<b>DD1390 PageNo.</b>
	<b><u>B</u></b>	
MARINE CORPS AIR STATION BEAUFORT	BEAUFORT, SOUTH CAROLINA	409
NAVAL BASE KITSAP BREMERTON WA	BREMERTON, WASHINGTON	477
MARINE CORPS BASE TWENTYNINE PALMS	BRIDGEPORT, CALIFORNIA	11
	<b><u>C</u></b>	
MARINE CORPS BASE CAMP LEJEUNE	CAMP LEJEUNE, NORTH CAROLINA	303
MARINE CORPS AIR STATION CAMP PENDLETON	CAMP PENDLETON, CALIFORNIA	17
MARINE CORPS BASE CAMP PENDLETON	CAMP PENDLETON, CALIFORNIA	27
MCAS CHERRY POINT NC	CHERRY POINT, NORTH CAROLINA	391
NAWS CHINA LAKE	CHINA LAKE, CALIFORNIA	105
NAS CORPUS CHRISTI TX	CORPUS CHRISTI, TEXAS	421
	<b><u>E</u></b>	
NAS WHITING FLD MILTON FL	EGLIN A.F.B., FLORIDA	215
MARINE CORPS BASE HAWAII	EWA BEACH, HAWAII	281
	<b><u>J</u></b>	
MCSF BLOUNT ISLAND	JACKSONVILLE, FLORIDA	243
NAS JACKSONVILLE FL	JACKSONVILLE, FLORIDA	249
NAVSTA MAYPORT FL	JACKSONVILLE, FLORIDA	255
	<b><u>M</u></b>	
NAS WHITING FLD MILTON FL	MILTON, FLORIDA	265
	<b><u>N</u></b>	
NAVAL STATION NEWPORT RI	NEWPORT, RHODE ISLAND	401
NAVPHIBASE LITTLE CREEK VA	NORFOLK, VIRGINIA	427
NAVSTA NORFOLK VA	NORFOLK, VIRGINIA	433
	<b><u>P</u></b>	
MCRD/BEAUFORT PI SC	PARRIS ISLAND, SOUTH CAROLINA	415
NAVSTA PEARL HARBOR HI	PEARL HARBOR, HAWAII	287
NAS PENSACOLA FL	PENSACOLA, FLORIDA	271
NSA NORFOLK NAVY SHIPYARD	PORTSMOUTH, VIRGINIA	443
	<b><u>Q</u></b>	
MARINE CORPS BASE QUANTICO	QUANTICO, VIRGINIA	451
	<b><u>S</u></b>	
MARINE CORPS RECRUIT DEPOT	SAN DIEGO, CALIFORNIA	111
MCAS MIRAMAR	SAN DIEGO, CALIFORNIA	119
NAVBASE POINT LOMA	SAN DIEGO, CALIFORNIA	125
NAVAL STATION EVERETT	SPOKANE, WASHINGTON	495
	<b><u>T</u></b>	
MARINE CORPS BASE TWENTYNINE PALMS	TWENTYNINE PALMS, CALIFORNIA	131
	<b><u>Y</u></b>	
MCAS YUMA AZ	YUMA, ARIZONA	1

**Blank Page**

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Appropriation Language**

---

SECTION 1 - APPROPRIATION LANGUAGE

---

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [\$3,333,369,000] \$3,763,264,000 to remain available until September 30, [2013] 2014. Provided, that of this amount, not to exceed [\$246,528,000] \$166,896,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

---

SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

---

1. Deletion of FY 2009 appropriations shown in brackets.

**Blank Page**

**DEPARTMENT OF THE NAVY**  
**FY 2010 Military Construction and Family Housing Program**  
**Special Program Considerations**

POLLUTION ABATEMENT:

The military construction projects in this program will be designed to meet environmental standards. The Military construction projects proposed are primarily for the abatement of existing pollution problems at Naval and Marine Corps installations and have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION:

The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment. Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives could be evaluated, a primary economic analysis was prepared.

CONSTRUCTION CRITERIA MANUAL:

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

**Blank Page**

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: M62974 MCAS YUMA AZ YUMA, ARIZONA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.29				
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	64	676	666	75	29	0	369	3060	478
B. End FY 2013	64	676	666	75	29	0	367	3070	484	5431
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(8660 Acres)										
B. INVENTORY AS OF 30 SEP 2008 ..... 1,696,110										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 7,980										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 28,770										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 106,960										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 134,830										
G. REMAINING DEFICIENCY ..... 196,683										
H. <b>GRAND TOTAL</b> ..... <b>2,171,333</b>										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
21105	Aircraft Maintenance Hangar, Phase 1	09/2008	06/2009	26118 m2	27,050					
81209	Airfield Electrical Distribution & Control	09/2008	04/2009	97 m2	1,720					
				TOTAL	28,770					
9. Future Projects:										
A. Included In The Following Program:										
14320	EOD Facility Consolidation				977 m2	4,340				
21105	Aircraft Maintenance Hangar				21495 m2	73,550				
73025	Main Gate, Cannon Air Defense Complex				39 m2	1,440				
21860	IMA Facility					27,630				
				TOTAL	106,960					
B. Major Planned Next Three Years:										
74044	Physical Fitness Center Addition					23,530				
11110	Runway 3R/21L Extension					25,490				
17945	LHA Deck Repairs And Upgrade					5,500				
17955	Water Survival Training Facility					11,240				
21105	Aircraft Maintenance Hangar					43,900				
61010	MACS-1 Det Operations Facility					6,760				
72413	Student Officer Quarters, WTI/MAWTS					18,410				
				TOTAL	134,830					
C. R&M Unfunded Requirement (\$000): 62,100										
10. Mission or Major Functions:										
To maintain and operate facilities and provide services and material to support operations of a Marine Aircraft Wing and other activities and units as designated by the Commandant of the Marine Corps in connection with the Chief of Naval Operations.										

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M62974 MCAS YUMA AZ YUMA, ARIZONA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.29
11. Outstanding Pollution and Safety Deficiencies (\$000): A. Pollution Abatement(*): 0 B. Occupational Safety and Health(OSH)(#): 0		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M62974 MCAS YUMA AZ YUMA, ARIZONA			4. Project Title Aircraft Maintenance Hangar Phase 1	
5. Program Element 0216496M	6. Category Code 21105	7. Project Number P447	8. Project Cost (\$000) 27,050	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AIRCRAFT MAINTENANCE HANGAR PHASE 1 (281,132 SF)	m2	26,118		20,920
MAINTENANCE BAY (19,967 SF)	m2	1,855	3,591.53	(6,660)
MAINTENANCE SHOPS (10,226 SF)	m2	950	3,892.4	(3,700)
MAINTENANCE ADMIN (8,665 SF)	m2	805	3,954.32	(3,180)
AIRCRAFT TAXIWAY (132,773 SF)	m2	12,335	142.75	(1,760)
AIRCRAFT PARKING APRON (102,472 SF)	m2	9,520	144.19	(1,370)
STORAGE AREA (1,507 SF)	m2	140	1,783.22	(250)
FIRE PUMP ROOM (538 SF)	m2	50	1,783.22	(90)
GAS CHAMBER (291 SF)	m2	27	3,893.92	(110)
ISMT FACILITY (4,693 SF)	m2	436	3,689.31	(1,610)
ANTI-TERRORISM/FORCE PROTECTION	LS			(190)
LEED AND EPACT 2005 COMPLIANCE	LS			(280)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(200)
BUILT-IN EQUIPMENT	LS			(720)
SPECIAL COSTS	LS			(430)
INFORMATION SYSTEMS	LS			(370)
SUPPORTING FACILITIES				2,600
ELECTRICAL UTILITIES	LS			(970)
MECHANICAL UTILITIES	LS			(370)
PAVING AND SITE IMPROVEMENTS	LS			(340)
SITE PREPARATIONS	LS			(290)
DEMOLITION	LS			(320)
ENVIRONMENTAL MITIGATION	LS			(260)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
SUBTOTAL				23,520
CONTINGENCY (5%)				1,180
TOTAL CONTRACT COST				24,700
SIOH (5.7%)				1,410
SUBTOTAL				26,110

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M62974 MCAS YUMA AZ YUMA, ARIZONA			4. Project Title Aircraft Maintenance Hangar Phase 1	
5. Program Element 0216496M	6. Category Code 21105	7. Project Number P447	8. Project Cost (\$000) 27,050	
DESIGN/BUILD - DESIGN COST				940
TOTAL REQUEST ROUNDED				27,050
TOTAL REQUEST				27,050
EQUIPMENT FROM OTHER				(1,645)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary facilities: Construct a concrete masonry unit building on reinforced concrete slab on grade foundation with structural steel framing, steel roof trusses and pre-finished insulated metal roof. Building will provide a hangar bay, maintenance shop, and administrative and operations offices for home-ported Marine Attack Squadron. Construct an aircraft parking apron and aircraft taxiway of reinforced concrete. Project also constructs an Indoor Simulated Marksmanship Trainer facility to replace current facility being demolished. Built-in equipment includes one hydraulic elevator, three 2-ton monorail hoists, two 2-ton hoist booms, and one 4-ton bridge crane. Project also includes operation and maintenance support information manuals, information systems and anti-terrorism/force protection features. Special Costs include seismic adjustment and a fire alarm system.</p> <p>Supporting facilities: Work includes site and building utility connections (water, telephone, electrical, sanitary and storm sewers, natural gas, and local area network). Special construction features include sanitary sewer lift station. Electrical systems include telephone, electrical distribution including transformer, interior and exterior lighting (including taxiway/apron lighting) and fire alarm. Mechanical systems include heating, ventilation and air conditioning, plumbing, and fire protection system. Paving and site improvements include vehicle parking lot and paved roadway, sidewalks, site excavation, grading, landscaping and storm water management. Project includes demolition of buildings 36, 39 and 40. Compliance with the Energy Policy Act of 2005 will be included in the design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>26,118 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> Construct a new aircraft maintenance hangar, aircraft taxiway and parking apron. This project also constructs a replacement facility for the indoor simulated marksmanship trainer due to demolition of Bldg 40. <b>(New Mission)</b> <b>REQUIREMENT:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M62974 MCAS YUMA AZ YUMA, ARIZONA			4. Project Title Aircraft Maintenance Hangar Phase 1	
5. Program Element 0216496M	6. Category Code 21105	7. Project Number P447	8. Project Cost (\$000) 27,050	
<p>Marine Corps Air Station (MCAS) Yuma requires adequate and properly configured operational and maintenance facilities to accomplish its mission of providing support for homeported and rotationally deployed squadrons.</p> <p><b>CURRENT SITUATION:</b></p> <p>Marine Air Logistics Squadron 13 (MALS-13) does not have a dedicated maintenance hangar and must use space in the Squadron's hangar to perform the required level of aircraft maintenance. Only one hangar is available for units deployed to MCAS Yuma for training. Often, there are four deployed units aboard the station. In these cases, three of the units must use parking aprons for maintenance and service. Maintenance of aircraft relegated to the parking apron cannot be done during the day since daytime aircraft skin temperatures exceed 140 degrees. Most deployed units must work at night in order to maintain their aircraft.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If this project is not provided MALS-13 and deployed units will continue to be required to perform aircraft maintenance without adequate hangar facilities. The maintenance and servicing of aircraft will be degraded and the downtime of the training units will be increased. Pilots will not achieve the complete training available because aircraft will not be available. Lack of adequate hangar and aircraft parking space will reduce the effectiveness of the Marine Aviation Weapons and Tactics Squadron-1 semi-annual Weapons Training Instructors course, a large-scale training evolution that trains pilots to become Instructors in aerial combat.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,340
(B) All other design costs				\$50
(C) Total				\$1,390
(D) Contract				\$1,340

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M62974 MCAS YUMA AZ YUMA, ARIZONA			4. Project Title Aircraft Maintenance Hangar Phase 1	
5. Program Element 0216496M	6. Category Code 21105	7. Project Number P447	8. Project Cost (\$000) 27,050	
(E) In-house				\$50
4. Contract award:				12/2009
5. Construction start:				04/2010
6. Construction complete:				10/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
FF&E	PMC	2011	1,500	
Physical Security Equipment	O&MMC	2011	145	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Richard Samrah			Phone No: 928-269-3163	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M62974 MCAS YUMA AZ YUMA, ARIZONA			4. Project Title Airfield Electrical Distribution and Control	
5. Program Element 0206496M	6. Category Code 81209	7. Project Number P556	8. Project Cost (\$000) 1,720	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AIRFIELD ELECTRICAL DISTRIBUTION AND CONTROL (1,044 SF)	m2	97		1,250
AIRFIELD ELECT. DISTR. & CONTROL BLDG. (1,044 SF)	m2	97	4,845.57	(470)
ELECTRICAL DISTRIBUTION	LS			(660)
BUILT-IN EQUIPMENT	LS			(20)
SPECIAL COSTS	LS			(100)
SUPPORTING FACILITIES				240
SITE PREPARATIONS	LS			(160)
DEMOLITION	LS			(80)
SUBTOTAL				1,490
CONTINGENCY (5%)				70
TOTAL CONTRACT COST				1,560
SIOH (5.7%)				90
SUBTOTAL				1,650
DESIGN/BUILD - DESIGN COST				60
TOTAL REQUEST ROUNDED				1,710
TOTAL REQUEST				1,720
<b>10. Description of Proposed Construction:</b>				
<p>Renovate and expand existing Bldg 134 to accommodate a new standby generator presently located in Bldg 400. The expansion of Bldg 134 will provide an area more suitable for a new electrical vault for the airfield power distribution switchboard, and lighting controls, that are presently located in Bldg's 400 and 401. The new control room will be environmentally controlled for the required temperature rating of the solid-state constant current regulators. New electrical duct bank will be provided from the existing electrical manhole next to Bldg 134 to the control room. Electrical connections will be restored from this electrical manhole. Additionally, electrical distribution will be upgraded to support the new power requirements based upon current projects that upgraded the airfield lights and signs.</p> <p>The new building facility to be located inside the airfield secured area and will meet the necessary Anti-Terrorism Force Protection (AT/FP) requirements and replace all functions currently located in buildings 400 &amp; 401 which will be scheduled for demolition upon completion of the new</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M62974 MCAS YUMA AZ YUMA, ARIZONA			4. Project Title Airfield Electrical Distribution and Control	
5. Program Element 0206496M	6. Category Code 81209	7. Project Number P556	8. Project Cost (\$000) 1,720	
<p>facility.</p> <p>Sustainable features will be included in the design, development, and construction for the project in accordance with the Energy Policy Act 2005.</p>				
<p>11. Requirement:           <u>97 m2</u>   Adequate:           <u>0 m2</u>   Substandard:           <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>The project involves the renovation &amp; expansion of an existing Bldg 134 inside the airfield secured area for the airfield standby generator presently located in Bldg 400. The southeast portion of Bldg 134 will be expanded for a new electrical vault to house all of the airfield power distribution switchboard, and lighting controls, that are presently located in Bldg 400 and 401, which is inadequate space and not environmentally controlled. The new control room will be environmentally controlled for the required temperature rating of the solid-state constant current regulators. New electrical duct banks will be provided from the existing electrical manhole next to the existing Bldg 134 to the control room. Electrical connections will be restored from this electrical manhole. Additionally, electrical distribution will be upgraded to support the new power requirements based upon current projects that recently upgraded the airfield lighting and signs.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate and reliable power is required to support the Air Station airfield lighting and signs. These navigational aids provide safe movement of aircraft/operations on the runways/taxiways at night and during reduced visibility conditions. The current buildings lack the environmental control temperature which is necessary to prevent possible failure given the extreme summer temperatures of Yuma, AZ. which can reach 130 degrees within the buildings.</p> <p><b>CURRENT SITUATION:</b></p> <p>The airfield electrical power distribution and controls are located in Bldg.400 and 401 in a non-secured area and adjacent to the main roadway system. The electrical room is not environmentally temperature controlled and during summer time reach approximately 130 degrees Fahrenheit within the building. This temperature exceeds the operational control limits of the solid-state regulators. Failure of these regulators due to high temperature would adversely impact the safe operation of the airfield navigational aid system. The main power distribution is under-rated considering the additional electrical load presently being installed for airfield lighting and signage.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M62974 MCAS YUMA AZ YUMA, ARIZONA			4. Project Title Airfield Electrical Distribution and Control	
5. Program Element 0206496M	6. Category Code 81209	7. Project Number P556	8. Project Cost (\$000) 1,720	
<b>IMPACT IF NOT PROVIDED:</b>				
Equipment failure will possibly occur due to high temperature and constant electrical overloads during the extreme summer conditions of Yuma, AZ. The airfield navigational aids will continue to experience power outages that will adversely affect the safety of aircraft movement during reduced visibility conditions. The airfield electrical power distribution and controls is located in a non-secured location which is not in conformance with the requirements of AT/FP guidelines.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				04/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$100
(B) All other design costs				\$75
(C) Total				\$175
(D) Contract				\$75
(E) In-house				\$100
4. Contract award:				11/2009
5. Construction start:				02/2010
6. Construction complete:				02/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				



1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009			
3. Installation and Location: M67399 MARINE CORPS BASE TWENTYNINE PALMS BRIDGEPORT, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.15				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09-30-08		233	917	1187	10	2502	1	613	9383	2162
B. End FY 2013		232	918	1205	10	2502	1	637	9861	2182
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(60513 Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										104,943
C. AUTHORIZATION NOT YET IN INVENTORY .....										35,527
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										4,460
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										14,610
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										0
G. REMAINING DEFICIENCY .....										0
<b>H. GRAND TOTAL .....</b>										<b>159,540</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
73010	Fire Station Renovation, MWTC	11/2008	07/2009	870 m2	4,460					
									TOTAL	4,460
9. Future Projects:										
A. Included In The Following Program:										
17110 Multi-Purpose Building Addition, MWTC				6301 m2		12,280				
21710 Comm/Electric Shop Addition, MWTC						2,330				
									TOTAL	14,610
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										55,500
10. Mission or Major Functions:										
To provide housing, training facilities, logistical and administrative support for Fleet Marine Force units and other organizations or activities designated by the Commandant of the Marine Corps.										
To provide combined arms training for Fleet Marine Force units, both active and reserve.										
To provide formal school training for personnel in the field of communications-electronics and conduct other schools and training as directed by the Commandant of the Marine Corps.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M67399 MARINE CORPS BASE TWENTYNINE PALMS BRIDGEPORT, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.15

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399(BP) MARINE CORPS BASE TWENTYNINE PALMS (BRIDGEPORT) BRIDGEPORT, CALIFORNIA			4. Project Title Fire Station - Renovation - MWTC	
5. Program Element 0815796M	6. Category Code 73010	7. Project Number P550	8. Project Cost (\$000) 4,460	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
FIRE STATION - RENOVATION - MWTC (9,365 SF)	m2	870		2,740
FIRE STATION ADDITION (5,016 SF)	m2	466	3,424.09	(1,600)
FIRE STATION RENOVATION (4,349 SF)	m2	404	2,090.25	(840)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
LEED AND EPACT 2005 COMPLIANCE	LS			(60)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(30)
BUILT-IN EQUIPMENT	LS			(20)
SPECIAL COSTS	LS			(50)
INFORMATION SYSTEMS	LS			(120)
SUPPORTING FACILITIES				1,140
SPECIAL FOUNDATION FEATURES	LS			(120)
ELECTRICAL UTILITIES	LS			(210)
MECHANICAL UTILITIES	LS			(110)
PAVING AND SITE IMPROVEMENTS	LS			(350)
SITE PREPARATIONS	LS			(110)
DEMOLITION	LS			(220)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
SUBTOTAL				3,880
CONTINGENCY (5%)				190
TOTAL CONTRACT COST				4,070
SIOH (5.7%)				230
SUBTOTAL				4,300
DESIGN/BUILD - DESIGN COST				160
TOTAL REQUEST ROUNDED				4,460
TOTAL REQUEST				4,460
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(150)
<b>10. Description of Proposed Construction:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399(BP) MARINE CORPS BASE TWENTYNINE PALMS (BRIDGEPORT) BRIDGEPORT, CALIFORNIA			4. Project Title Fire Station - Renovation - MWTC	
5. Program Element 0815796M	6. Category Code 73010	7. Project Number P550	8. Project Cost (\$000) 4,460	
<p>Primary Facility: This project constructs an addition and renovates the existing fire station. Construction includes a reinforced concrete masonry unit addition with seismic upgrades, concrete pilings, spread beam foundation, and standing seam metal roof to match existing facility. The project provides construction designed for current seismic requirements. The facilities must comply with Americans with Disabilities Act regulations. The facility includes berthing space, restroom/showers, reconfiguration of existing berthing areas into training rooms, 2 emergency vehicle bays with vehicle exhaust systems, medical equipment storage, mechanical/electrical space and connecting corridors to the existing space.</p> <p>The project provides for built-in equipment for kitchenette and vehicle exhaust removal system. Project also includes operation and maintenance support information. Information systems include wiring for local area network, telephone, public address system and cable television. The project provides for the design of Anti-Terrorism Force Protection (AT/FP) features and complies with AT/FP regulations and physical security. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Special foundation features include pile foundation and structural fill. Electrical systems include communications, electrical distribution, and exterior lighting. Mechanical systems include water utilities, sanitary sewer utilities, and gas utilities. Paving and site improvements provide parking and during and post-construction stormwater management.</p>				
<b>11. Requirement:</b> <u>870 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project will renovate Building 1035 and includes an addition for berthing space, restroom/showers, 2 emergency vehicle bays with vehicle exhaust systems and medical equipment storage.  <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> This project renovates existing structure (Building P-1035) to provide structural, interior and exterior repairs. An addition is required to provide space for two additional emergency vehicles and associated crew members.				
<b>CURRENT SITUATION:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399(BP) MARINE CORPS BASE TWENTYNINE PALMS (BRIDGEPORT) BRIDGEPORT, CALIFORNIA			4. Project Title Fire Station - Renovation - MWTC	
5. Program Element 0815796M	6. Category Code 73010	7. Project Number P550	8. Project Cost (\$000) 4,460	
<p>No major repairs have been performed on the building since its construction in 1986. Building electrical and mechanical systems are inadequate for current space configuration and modern equipment. Building has several life safety discrepancies in egress routes and furnishings. Kitchen has deteriorated cabinets and lacks storage space and sufficient electrical service for current appliances. Restrooms are deteriorated and not handicap accessible. All finishes are worn and deteriorated, having served well beyond their useful life. Lighting and mechanical equipment is old and energy inefficient. Ventilation is non-functioning in several spaces. Inadequate separation between living spaces and vehicles bays allows vehicle exhaust to infiltrate living spaces. Exterior insulation and finish system is cracked and damaged, especially around windows, allowing water intrusion and creating possible mold and mildew problems.</p> <p>In addition, the existing fire station lacks semi-private berthing areas and separate male and female facilities, therefore it cannot accommodate female firefighters. Medical emergency ambulances are being reassigned to station forces and there are no additional protected vehicle storage bays, space for the equipment used by the ambulances, or berthing space for the crew members needed to operate the ambulances. This project will add the vehicle bays, restrooms, berthing space, storage, and convert some existing space into a training room/technical library to accommodate the increased occupant and vehicle loading.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The building will continue to deteriorate. Ventilation problems will continue to pose possible safety hazards. Emergency egress problems will remain. In addition, ambulances and their crews cannot be assigned to station forces. Emergency medical services for this remote location will be compromised. Inability to assign female firefighters will limit civilian firefighter assignment flexibility.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				11/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				07/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				20%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399(BP) MARINE CORPS BASE TWENTYNINE PALMS (BRIDGEPORT) BRIDGEPORT, CALIFORNIA			4. Project Title Fire Station - Renovation - MWTC	
5. Program Element 0815796M	6. Category Code 73010	7. Project Number P550	8. Project Cost (\$000) 4,460	
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$150
(B) All other design costs				\$
(C) Total				\$150
(D) Contract				\$0
(E) In-house				\$150
4. Contract award:				04/2010
5. Construction start:				01/2011
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		O&MMC	2011	150
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: LTJG Andrew Oddo			Phone No: (760) 932-1563	

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009			
3. Installation and Location: M67604 MARINE CORPS AIR STATION CAMP PENDLETON, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.13				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09-30-08		29	286	125	68	375	0	625	4989	720
B. End FY 2013		30	286	125	68	375	0	619	4964	729
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..( Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										0
C. AUTHORIZATION NOT YET IN INVENTORY .....										10,812
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										25,800
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										126,320
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										1,150
G. REMAINING DEFICIENCY .....										223,580
<b>H. GRAND TOTAL .....</b>										<b>387,662</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
11656	Expand Combat Aircraft Loading Apron	09/2008	09/2009	21773 m2	12,240					
13150	Aviation Transmitter/Receiver Site	07/2008	08/2009	0 LS	13,560					
					TOTAL					25,800
9. Future Projects:										
A. Included In The Following Program:										
17120 CNAT/FRS Aviation Training and BEQ				16962 m2	72,890					
21110 MAL5-39 Maintenance Hangar Expansion				10371 m2	53,430					
					TOTAL					126,320
B. Major Planned Next Three Years:										
85230 Troop Training Access Structure					1,150					
					TOTAL					1,150
C. R&M Unfunded Requirement (\$000):										17,100
10. Mission or Major Functions:										
As a key component of the Commander, Marine Corps Air Bases, West, provides airfield facilities and material to support operations of the Third Marine Aircraft Wing Unit.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.13

**Blank Page**

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Expand Combat Aircraft Loading Apron	
5. Program Element 0216496M	6. Category Code 11656	7. Project Number P086	8. Project Cost (\$000) 12,240	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
EXPAND COMBAT AIRCRAFT LOADING APRON (234,363 SF)	m2	21,773		7,080
CALA (106,251 SF)	m2	9,871	164	(1,620)
ARM/DE-ARM PAD (106,251 SF)	m2	9,871	164	(1,620)
TAXIWAY (14,951 SF)	m2	1,389	197.88	(270)
H.E. MAGAZINE (6,910 SF)	m2	642	3,648.28	(2,340)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(90)
BUILT-IN EQUIPMENT	LS			(20)
SPECIAL COSTS	LS			(1,040)
INFORMATION SYSTEMS	LS			(20)
SUPPORTING FACILITIES				3,950
SPECIAL CONSTRUCTION FEATURES	LS			(780)
ELECTRICAL UTILITIES	LS			(450)
MECHANICAL UTILITIES	LS			(330)
PAVING AND SITE IMPROVEMENTS	LS			(1,460)
SITE PREPARATIONS	LS			(560)
DEMOLITION	LS			(170)
ENVIRONMENTAL MITIGATION	LS			(80)
ANTI-TERRORISM/FORCE PROTECTION	LS			(120)
SUBTOTAL				11,030
CONTINGENCY (5%)				550
TOTAL CONTRACT COST				11,580
SIOH (5.7%)				660
SUBTOTAL				12,240
TOTAL REQUEST ROUNDED				12,240
TOTAL REQUEST				12,240
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(210)
<b>10. Description of Proposed Construction:</b>				
The Using Activity for this project is planned to be: MARINE AIRCRAFT				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Expand Combat Aircraft Loading Apron	
5. Program Element 0216496M	6. Category Code 11656	7. Project Number P086	8. Project Cost (\$000) 12,240	
<p>GROUP 39.</p> <p>Primary Facilities: Facilities are located north of the runway adjacent to the existing Combat Aircraft Loading Area (CALA). Construct a CALA, arm/de-arm pad and taxiway of concrete with reinforcing steel over compacted fill. Include airfield lighting and striping. Construct three box high explosive magazines of reinforced concrete construction with reinforced concrete loading ramp and dock. Built in equipment includes a dock leveler. Anti-Terrorism Force Protection (ATFP) includes conduits, electrical circuits and mounting fixtures for an Intrusion Detection System (IDS) and magazine vent shut off switch. Special costs include mooring eyes for the CALA and pad, asphalt concrete shoulders for the CALA pad and taxiway, emergency exterior lighting, and non-spark floor for the magazines. Sustainable features will be included in the design, development, and construction for the project to the maximum extent practicable for these types of facilities, in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Special construction features include dewatering and horizontal boring under an existing taxiway for utilities placement. Electrical utilities include communications and electrical upgrades, modification to airfield lighting and controls, and grounding grid and lightning protection for the magazines. Mechanical utilities include water main relocation and extension and fire hydrants. Paving and site improvements include exterior lighting, chain link fencing and gates, access road, paved staging area, sidewalks, storm drainage, striping, signs and concrete taxiway repair. Site preparation includes site demolition, temporary facilities during construction, unexploded ordnance survey and clearing, foreign object damage control during construction, specialized inspection for the magazines, and safety and hazards analysis prior to construction. Environmental mitigation includes temporary silt and toad fencing, bio-monitoring, and removal of lead based paint airfield markings. ATFP includes poles and wiring to support IDS, closed circuit television for the magazines, arm/de-arm pad, and CALA. Storm water improvements and pollution prevention measures include storm water pollution prevention plan, concrete storm water piping, temporary and permanent erosion controls during and after construction.</p>				
<p>11. Requirement: <u>21,773 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>This project builds facilities to adequately support weapons combat training missions of helicopter gunships assigned to Marine Aircraft Group (MAG) 39.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Expand Combat Aircraft Loading Apron	
5. Program Element 0216496M	6. Category Code 11656	7. Project Number P086	8. Project Cost (\$000) 12,240	
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
Adequate facilities to support weapons combat training for attack helicopters assigned to helicopter marine light attack squadrons of MAG-39. Attack helicopters perform close air support, fire suppression and interdiction fire in support of friendly ground forces. Regular training in this type of mission is routinely carried out by MAG-39. This training must take place with the proper number of aircraft and the appropriate weaponry to meet the mission needs.				
<b>CURRENT SITUATION:</b>				
Currently the existing pads are of insufficient size to support large scale mission operations. Only a portion of the Helicopter Marine Light Attack (HMLA) squadron can be effectively trained at one time. Due to the limitation of the current CALA, HMLA squadrons never perform full squadron mission training. Ordnance availability is extremely limited, requiring even a minimum training event to have ordnance built up and stored outside. The current ready service magazine is extremely cramped and potentially dangerous. Ordnance must be transported from the Naval Weapons Station Fallbrook through developed portions of the base and near family housing at least weekly and sometimes daily.				
<b>IMPACT IF NOT PROVIDED:</b>				
MAG-39 will continue to have inadequate facilities for its primary mission training.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$800
(B) All other design costs				\$250
(C) Total				\$1,050
(D) Contract				\$950

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Expand Combat Aircraft Loading Apron	
5. Program Element 0216496M	6. Category Code 11656	7. Project Number P086	8. Project Cost (\$000) 12,240	
(E) In-house				\$100
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				07/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u> <u>FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u> <u>or Requested</u> <u>Cost (\$000)</u>		
Electronic Security Systems		O&MMC	2011	210
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Patt Reed			Phone No: (760) 725-0397	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Aviation Transmitter/Receiver Site	
5. Program Element 0216496M	6. Category Code 13150	7. Project Number P107	8. Project Cost (\$000) 13,560	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AVIATION TRANSMITTER/RECEIVER SITE	LS			10,450
RECEIVER BUILDING (484 SF)	m2	45	5,335.49	(240)
TRANSMITTER BUILDING (581 SF)	m2	54	5,335.49	(290)
COMMUNICATIONS POLE MOUNTED (28,379 LF)	m	8,650	123.86	(1,070)
COMMUNICATIONS UNDERGROUND (26,247 LF)	m	8,000	1,036.86	(8,290)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
LEED AND EPACT 2005 COMPLIANCE	LS			(50)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(130)
BUILT-IN EQUIPMENT	LS			(130)
SPECIAL COSTS	LS			(140)
INFORMATION SYSTEMS	LS			(10)
SUPPORTING FACILITIES				1,340
ELECTRICAL UTILITIES	LS			(1,020)
MECHANICAL UTILITIES	LS			(40)
PAVING AND SITE IMPROVEMENTS	LS			(90)
SITE PREPARATIONS	LS			(10)
DEMOLITION	LS			(110)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
SUBTOTAL				11,790
CONTINGENCY (5%)				590
TOTAL CONTRACT COST				12,380
SIOH (5.7%)				710
SUBTOTAL				13,090
DESIGN/BUILD - DESIGN COST				470
TOTAL REQUEST ROUNDED				13,560
TOTAL REQUEST				13,560
<b>10. Description of Proposed Construction:</b>				
Provide two single story reinforced masonry structures to be used as Transmitter and Receiver Buildings located on hilltop Area 32, Marine Corps				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Aviation Transmitter/Receiver Site	
5. Program Element 0216496M	6. Category Code 13150	7. Project Number P107	8. Project Cost (\$000) 13,560	
<p>Base Camp Pendleton, California. The buildings shall be constructed per applicable building codes and designed for use in seismic zone IV. The buildings shall be approved for wind velocities up to 150 mph. Facility makeup to include a reinforced concrete slab foundation, monolithic walls, floor, and roof panels, reinforced concrete construction covered with multiple layers of reinforced latex material, cast-in foam insulation, exposed aggregate exterior and a membrane roofing system. The buildings shall be similar in construction and use as other structures currently used by the Federal Aviation Administration to support air traffic control operations.</p> <p>Construction features include fire protection with alarm systems and heating, air conditioning and ventilating systems. Electrical equipment includes an automatic power transfer switch, an uninterruptible power supply, electro-static discharge floor covering, electrical panels, and cable trays. Operation and maintenance support information, including drawings and details, to be provided by suppliers of operating equipment are also included in the construction cost. Physical security items include a steel door with cast-in steel frame and tamper proof building locks, perimeter fencing with lockable gate, security lighting, high/low temperature alarms and intrusion alarm. Site area will be cleared of all weeds and brush five feet beyond the fence perimeter. Weed control, membrane, and crushed rock will be applied to site ground areas. Electrical systems must be capable of supporting the critical equipment load, all essential facility loads and any additional non-critical equipment load. The electrical infrastructure includes an emergency diesel generator set, unit sub-station connection, panels, circuit breakers, duct banks, and primary distribution cabling and connections.</p> <p>Transmitter site requires utility connections for water, sanitary sewer, electrical and information systems infrastructure. Paving and site improvements include grading, cut &amp; fill as required, foundation pad for Transmitter Building and diesel generator set, asphalt roadway suitable for truck access, and a concrete walk and pad for access to building entrance. Complete demolition of building #32927, including electrical equipment, cabling, panels, asbestos, lead paint removal and site restoration is required as an antenna tower is to be constructed at this same location. Demolition of an existing concrete structure #32928 that is located inside the transmitter site footprint, is also included. Provide a 50 ft x 50 ft concrete pad to replace the military training and equipment storage area lost by demolition of structure #32928. The information systems infrastructure requires new dedicated underground communication ducts with</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Aviation Transmitter/Receiver Site	
5. Program Element 0216496M	6. Category Code 13150	7. Project Number P107	8. Project Cost (\$000) 13,560	
There will continue to be an inability for ATC to provide assistance to aircraft at low altitudes in instrument weather conditions attempting to return to the airfield. At a time when pilots need ATC service the most, communications will be inconsistent at best. This is an unsafe condition that can only be eliminated with the relocation of the UHF/VHF ground-to-air communications facilities to the hilltop site.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$120
(B) All other design costs				\$60
(C) Total				\$180
(D) Contract				\$150
(E) In-house				\$30
4. Contract award:				12/2009
5. Construction start:				03/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Linda Jones			Phone No: (760) 725-0392	

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.13					
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		233	1753	2161	166	8691	0	2672	31493	5734	52903
B. End FY 2013		216	1753	2161	166	8691	0	2672	31493	5734	52886
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(127159 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											7,551,483
C. AUTHORIZATION NOT YET IN INVENTORY .....											194,649
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											749,362
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											443,430
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											290,340
G. REMAINING DEFICIENCY .....											1,585,841
<b>H. GRAND TOTAL .....</b>											<b>10,815,105</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
61073	ANGLICO Operations Complex	07/2008	06/2009	3278 m2	25,190						
61072	Reconnaissance BN Operations Complex	07/2008	06/2009	17278 m2	77,660						
21710	Comm/Elec Maintenance Facility	07/2008	06/2009	2689 m2	13,170						
17120	WFTBn Support Facilities, Edson Range	07/2008	06/2009	3245 m2	15,780						
72210	Enlisted Dining Facility, Edson Range	07/2008	06/2009	5185 m2	37,670						
83110	Expansion of SRTTP to 7.5 MGD	07/2008	06/2009	2500 KG	55,180						
83110	North Regional Tertiary Treatment Plant	07/2008	08/2009	0 LS	142,330						
81231	Gas/Electrical Upgrades	07/2008	06/2009	0 LS	51,040						
72124	Bachelor Enlisted Quarters, Las Flores	07/2008	06/2009	9421 m2	39,610						
72115	Recruit Barracks, School of Infantry	07/2008	07/2009	11441 m2	53,320						
72210	Enlisted Dining Facility	07/2008	06/2009	2898 m2	32,300						
72510	Recruit Barracks - Field/K- Span	07/2008	06/2009	9988 m2	23,200						
13510	Communications Upgrades	07/2008	06/2009	88454 m	79,492						
81231	Electrical Distribution System	07/2008	06/2009	0 LS	76,950						
85110	Operation Access Points	10/2008	01/2010	128 EA	12,740						
17120	Recruit Marksmanship Training Facility	07/2008	06/2009	2318 m2	13,730						
TOTAL											749,362
9. Future Projects:											
A. Included In The Following Program:											
61072	MASS-3 Operations Complex						5773 m2	31,210			

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009																										
3. Installation and Location: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.13																										
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">84210 Conveyance/Water Treatment</td><td style="width: 20%; text-align: right;">99,160</td></tr> <tr><td>84210 New Potable Water Conveyance</td><td style="text-align: right;">103,690</td></tr> <tr><td>83110 North Area WW Conveyance</td><td style="text-align: right;">87,280</td></tr> <tr><td>72124 Bachelor Enlisted Quarters, Las Flores</td><td style="text-align: right;">9421 m2 39,700</td></tr> <tr><td>72124 Bachelor Enlisted Quarters, 24 Area</td><td style="text-align: right;">10991 m2 40,950</td></tr> <tr><td>42148 Small Arms Magazine, Edson Range</td><td style="text-align: right;">316 m2 2,370</td></tr> <tr><td>14345 Armory, 1st MARDIV</td><td style="text-align: right;">14,030</td></tr> <tr><td>17940 Infantry Squad Defense Range</td><td style="text-align: right;">25,040</td></tr> <tr><td colspan="2" style="text-align: right;"><b>TOTAL</b></td></tr> <tr><td colspan="2" style="text-align: right;"><b>443,430</b></td></tr> </table>	84210 Conveyance/Water Treatment	99,160	84210 New Potable Water Conveyance	103,690	83110 North Area WW Conveyance	87,280	72124 Bachelor Enlisted Quarters, Las Flores	9421 m2 39,700	72124 Bachelor Enlisted Quarters, 24 Area	10991 m2 40,950	42148 Small Arms Magazine, Edson Range	316 m2 2,370	14345 Armory, 1st MARDIV	14,030	17940 Infantry Squad Defense Range	25,040	<b>TOTAL</b>		<b>443,430</b>									
84210 Conveyance/Water Treatment	99,160																											
84210 New Potable Water Conveyance	103,690																											
83110 North Area WW Conveyance	87,280																											
72124 Bachelor Enlisted Quarters, Las Flores	9421 m2 39,700																											
72124 Bachelor Enlisted Quarters, 24 Area	10991 m2 40,950																											
42148 Small Arms Magazine, Edson Range	316 m2 2,370																											
14345 Armory, 1st MARDIV	14,030																											
17940 Infantry Squad Defense Range	25,040																											
<b>TOTAL</b>																												
<b>443,430</b>																												
B. Major Planned Next Three Years:																												
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">*84151 4 Million Gallon Reservoir, BW, Phase 3</td><td style="width: 20%; text-align: right;">10,420</td></tr> <tr><td>21451 Truck Company Operations Complex</td><td style="text-align: right;">50,090</td></tr> <tr><td>61073 Military Police Company Operations Center</td><td style="text-align: right;">32,340</td></tr> <tr><td>17945 Force Reconnaissance Training Tower</td><td style="text-align: right;">5,640</td></tr> <tr><td>17940 KD Training Complex, Phase 1</td><td style="text-align: right;">30,420</td></tr> <tr><td>61073 AA Company Operations Complex</td><td style="text-align: right;">80,310</td></tr> <tr><td>17940 KD Training Complex, Phase 2</td><td style="text-align: right;">19,490</td></tr> <tr><td>87210 Perimeter Security Enhancements</td><td style="text-align: right;">16,510</td></tr> <tr><td>73010 Fire Station SOI</td><td style="text-align: right;">7,510</td></tr> <tr><td>74074 Child Development Center</td><td style="text-align: right;">6,800</td></tr> <tr><td>42148 Ammunition Supply Point Facilities Pulgas</td><td style="text-align: right;">30,810</td></tr> <tr><td colspan="2" style="text-align: right;"><b>TOTAL</b></td></tr> <tr><td colspan="2" style="text-align: right;"><b>290,340</b></td></tr> </table>	*84151 4 Million Gallon Reservoir, BW, Phase 3	10,420	21451 Truck Company Operations Complex	50,090	61073 Military Police Company Operations Center	32,340	17945 Force Reconnaissance Training Tower	5,640	17940 KD Training Complex, Phase 1	30,420	61073 AA Company Operations Complex	80,310	17940 KD Training Complex, Phase 2	19,490	87210 Perimeter Security Enhancements	16,510	73010 Fire Station SOI	7,510	74074 Child Development Center	6,800	42148 Ammunition Supply Point Facilities Pulgas	30,810	<b>TOTAL</b>		<b>290,340</b>			
*84151 4 Million Gallon Reservoir, BW, Phase 3	10,420																											
21451 Truck Company Operations Complex	50,090																											
61073 Military Police Company Operations Center	32,340																											
17945 Force Reconnaissance Training Tower	5,640																											
17940 KD Training Complex, Phase 1	30,420																											
61073 AA Company Operations Complex	80,310																											
17940 KD Training Complex, Phase 2	19,490																											
87210 Perimeter Security Enhancements	16,510																											
73010 Fire Station SOI	7,510																											
74074 Child Development Center	6,800																											
42148 Ammunition Supply Point Facilities Pulgas	30,810																											
<b>TOTAL</b>																												
<b>290,340</b>																												
C. R&M Unfunded Requirement (\$000): 233,300																												
10. Mission or Major Functions: To provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other activities and units designated by the Commandant of the Marine Corps. To conduct specialized schools and other training as directed. To receive and process students in order to conduct field training in basic combat skills.																												
11. Outstanding Pollution and Safety Deficiencies (\$000):																												
A. Pollution Abatement(*): 10,420 B. Occupational Safety and Health(OSH)(#): 0																												

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title ANGLICO Operations Complex	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P1012	8. Project Cost (\$000) 25,190	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ANGLICO OPERATIONS COMPLEX (35,279 SF)	m2	3,277.51		14,910
COMPANY HEADQUARTERS (20,070 SF)	m2	1,864.61	3,599.27	(6,710)
APPLIED INSTRUCTION (2,717 SF)	m2	252.4	3,237.51	(820)
COMM/ELECT MAINT SHOP (2,635 SF)	m2	244.8	4,010.84	(980)
AUTOMOTIVE SHOP (3,108 SF)	m2	288.7	3,318.96	(960)
WAREHOUSE (5,652 SF)	m2	525.1	1,655.36	(870)
ARMORY (1,097 SF)	m2	101.9	3,126.01	(320)
ANTI-TERRORISM/FORCE PROTECTION	LS			(110)
LEED AND EPACT 2005 COMPLIANCE	LS			(320)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(210)
BUILT-IN EQUIPMENT	LS			(480)
SPECIAL COSTS	LS			(2,200)
INFORMATION SYSTEMS	LS			(930)
SUPPORTING FACILITIES				6,990
SPECIAL CONSTRUCTION FEATURES	LS			(850)
SPECIAL FOUNDATION FEATURES	LS			(260)
ELECTRICAL UTILITIES	LS			(1,710)
MECHANICAL UTILITIES	LS			(1,080)
PAVING AND SITE IMPROVEMENTS	LS			(1,720)
SITE PREPARATIONS	LS			(450)
DEMOLITION	LS			(10)
ENVIRONMENTAL MITIGATION	LS			(820)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
OUTSIDE COMMUNICATION LINES	LS			(70)
SUBTOTAL				21,900
CONTINGENCY (5%)				1,100
TOTAL CONTRACT COST				23,000
SIOH (5.7%)				1,310

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title ANGLICO Operations Complex	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P1012	8. Project Cost (\$000) 25,190	
SUBTOTAL				24,310
DESIGN/BUILD - DESIGN COST				880
TOTAL REQUEST ROUNDED				25,190
TOTAL REQUEST				25,190
EQUIPMENT FROM OTHER				(2,569)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a complex at Camp Pendleton, California, for 1st Air Naval Gunfire Liaison Company (ANGLICO) including company headquarters, communication/electronics maintenance shop, vehicle maintenance shop, and renovations to the existing facility for warehouse and applied instruction space. The project also provides an armory. The facilities are comprised of reinforced concrete masonry units with seismic upgrades, concrete pilings, spread beam foundation and a standing seam metal roof. Provide electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing, fire protection systems and heating, ventilation, and air conditioning systems. The project provides construction designed in compliance with current seismic requirements. All facilities must comply with Americans with Disabilities Act regulations.</p> <p>The company headquarters facility provides for administrative space including a Secret Internet Protocol Router Network (SIPRNet) room, adequate Navy Marine Corps Intranet (NMCI) drops, and a duty room (with adequate sleeping quarters and head). The facility also includes a communication/electronics maintenance shop containing offices, storage, soldering area and workbenches. The vehicle maintenance shop contains two bays with roll-up doors. Pads for Hazardous Materials (HAZMAT), a vehicle wash platform and a dispatch office are co-located with the vehicle maintenance shop. The existing facility (Building 410251) is renovated to house the warehouse and applied instruction space. The existing supply cages and industrial shelves are re-configured as part of the renovation to make the space a usable supply warehouse. Telecommunications rooms in each facility provide for functions including NMCI and HVAC for NMCI. Project also includes operation and maintenance supporting information, post construction contract award services and built-in equipment for vehicle exhaust system, SIPRNet premium costs, weapon racks for the armory, and a diesel emergency generator. Information systems include wiring for Local Area Network (LAN), fiber optics, telephone, public address systems, cable television and intrusion detection system. The project provides for design</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title ANGLICO Operations Complex	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P1012	8. Project Cost (\$000) 25,190	
<p>for anti-terrorism/force protection features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window and door frames and emergency lighting and signage).</p> <p>Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>The project provides for special costs for photovoltaic cells, architectural building styles and architectural roof features.</p> <p>Supporting Facilities: Provide special construction features for low impact design. Special foundation features provide for the pile foundation. Electrical systems include communications, electrical distribution, exterior lighting, transformer, common bank-run sand/soil fill, and electrical equipment yard for accessible maintenance and repairs. Mechanical systems include water utilities, sanitary sewer utilities, gas utilities, an energy management control system, and an equipment yard to house the emergency generator. Provide site improvements consisting of roadways, parking, sidewalks, fencing, landscaping, and supporting facility LEED features (pedestrian and bicycling features and stormwater drainage improvements). Site preparation includes excavation/grading, clearing and grubbing, borrow, and site cleanup. Demolition of existing site amenities are included in the project. Provide mitigation for natural, cultural and environmental resources that exist at Camp Pendleton and additional AT/FP features (security barriers, gates, and bollards). The project provides for outside communication lines for telephones, fiber optics, and LAN.</p>				
<p><b>11. Requirement:</b>     <u>3,277 m2</u>    <b>Adequate:</b>     <u>0 m2</u>    <b>Substandard:</b>     <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>The 1st ANGLICO Complex project provides company headquarters, communication/electronics maintenance, vehicle maintenance shop, and renovations to the existing facility for warehouse and applied instruction space. Pads for hazardous materials, a vehicle wash platform and a dispatch office are co-located with the vehicle maintenance shop. The existing facility (Building 410251) is renovated to house the warehouse and applied instruction space. The project also provides an armory. The armory includes a shade structure adjacent to the facility and fencing.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title ANGLICO Operations Complex	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P1012	8. Project Cost (\$000) 25,190	
<p>1st ANGLICO requires adequate facilities for administration, training, storage and vehicle and communication/electronics maintenance. 1st ANGLICO requires a complex to support the Grow the Force increased end-strength.</p> <p><b>CURRENT SITUATION:</b></p> <p>The Grow the Force end-strength increase adds an additional 104 Marines to 1st ANGLICO. The facilities, equipment, and gear also increase in support of these additional 104 Marines. The existing facilities (Buildings 41344 and 410251) are too small to support these permanent party personnel stationed at 1st ANGLICO. The existing Headquarters Building 41344 is a former bachelor enlisted quarters converted to administrative and training spaces. This building is old and poorly configured for administration and training uses. Located at Building 10251 are the battalion aid station, storage, vehicle maintenance, and electronic/communication shop. This facility is undersized. The storage capacity is too small and equipment must be constantly rearranged due to the size constraints. The bay doors in the motor vehicle maintenance shop do not accommodate the Medium Tactical Vehicle Replacement. The two facilities, Buildings 410251 and 41344, are not located in close proximity to each other, resulting in communication challenges and threatened unit integrity.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide essential facilities for 1st ANGLICO will result in a shortage of facilities as Marines arrive at their assigned positions.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$454
(B) All other design costs				\$227
(C) Total				\$681
(D) Contract				\$0
(E) In-house				\$681

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title ANGLICO Operations Complex	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P1012	8. Project Cost (\$000) 25,190	
4. Contract award:		12/2009		
5. Construction start:		03/2010		
6. Construction complete:		09/2011		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	2,569
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: LT ARTEMIO TREVINO		Phone No: 760-725-6026		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA		4. Project Title ANGLICO Operations Complex	
5. Program Element 0216496M	6. Category Code 61073	7. Project Number P1012	8. Project Cost (\$000) 25,190
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Reconnaissance Bn Operations Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1016	8. Project Cost (\$000) 77,660	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RECONNAISSANCE BN OPERATIONS COMPLEX (185,976 SF)	m2	17,277.7		52,770
BATTALION HEADQUARTERS (50,881 SF)	m2	4,727	3,338.39	(15,780)
WAREHOUSE (14,186 SF)	m2	1,317.9	1,655.36	(2,180)
FITNESS CENTER (23,340 SF)	m2	2,168.4	2,985.6	(6,470)
COMMUNICATIONS/ELECTRONICS (5,240 SF)	m2	486.8	2,371.5	(1,150)
FIRE STATION (7,227 SF)	m2	671.4	3,352.24	(2,250)
LOCATION EXCHANGE (6,308 SF)	m2	586	2,646.55	(1,550)
SINGLE MARINE CENTER (6,708 SF)	m2	623.2	3,605.31	(2,250)
AUTOMOTIVE ORG. SHOP (3,108 SF)	m2	288.7	2,180.26	(630)
APPLIED INSTRUCTION (4,548 SF)	m2	422.5	3,610.92	(1,530)
ARMORY (6,426 SF)	m2	597	3,141.37	(1,880)
PARALOFT (6,107 SF)	m2	567.4	3,409.03	(1,930)
POST OFFICE (1,500 SF)	m2	139.4	1,598.79	(220)
PARKING STRUCTURE (50,397 SF)	m2	4,682	475.18	(2,220)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,220)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,130)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(980)
BUILT-IN EQUIPMENT	LS			(2,790)
SPECIAL COSTS	LS			(4,020)
INFORMATION SYSTEMS	LS			(2,590)
SUPPORTING FACILITIES				14,770
SPECIAL CONSTRUCTION FEATURES	LS			(540)
ELECTRICAL UTILITIES	LS			(3,250)
MECHANICAL UTILITIES	LS			(1,830)
PAVING AND SITE IMPROVEMENTS	LS			(6,150)
SITE PREPARATIONS	LS			(560)
DEMOLITION	LS			(1,450)
ENVIRONMENTAL MITIGATION	LS			(660)

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Reconnaissance Bn Operations Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1016	8. Project Cost (\$000) 77,660	
ANTI-TERRORISM/FORCE PROTECTION	LS			(190)
OUTSIDE COMMUNICATION LINES	LS			(140)
SUBTOTAL				67,540
CONTINGENCY (5%)				3,380
TOTAL CONTRACT COST				70,920
SIOH (5.7%)				4,040
SUBTOTAL				74,960
DESIGN/BUILD - DESIGN COST				2,700
TOTAL REQUEST ROUNDED				77,660
TOTAL REQUEST				77,660
EQUIPMENT FROM OTHER				(9,253)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a 1st Reconnaissance Battalion (Recon Bn) Complex comprised of a high-rise multi-story battalion headquarters and classroom, a warehouse, a communications/electronics maintenance shop, an auto shop, a paraloft, a fitness center, a fire station, a location exchange, a single marine center, a post office, an armory and a parking structure. The headquarters facility includes a vault with Navy Marine Corps Intranet (NMCI) closets, four Secret Internet Protocol Router Network rooms, quarterdeck, lockers, duty bunkroom and Battalion Aid Station. The project constructs concrete masonry unit buildings with seismic upgrades, concrete pilings, spread beam foundations and standing seam metal roofs. The project provides for electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing, fire protection systems and heating, air-conditioning, and ventilation systems. Telecommunications rooms provide for telecommunications functions including NMCI and HVAC for NMCI. The project provides construction designed in compliance with current seismic requirements. The public area of the project must comply with Americans with Disabilities Act regulations.</p> <p>Project also includes operation and maintenance support information, post construction contract award services and built-in equipment, comprising of two passenger and one freight elevators, playing court equipment for the fitness center, emergency generators, crane rails, vehicle lift stations, hose rail systems for the vehicle maintenance facility, weapons rack/covered cleaning area/solvent wash area in the armory, compressed air</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Reconnaissance Bn Operations Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1016	8. Project Cost (\$000) 77,660	
<p>systems, fireman gear locker, oil-water separator for vehicle maintenance, secure internet protocol router network premium costs and vehicle exhaust systems.</p> <p>Information systems include wiring for Local Area Network (LAN), fiber optics, telephone, public address systems, cable television and intrusion detection system.</p> <p>The project provides for design for Anti-Terrorism/Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window/door frames and emergency lighting/signage).</p> <p>Sustainable design features will be included in the design, development and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>The project provides for special costs for photovoltaic cells, cushioned floor in the fitness center, architectural building style and architectural roof features.</p> <p>Supporting Facilities: The project provides for special construction features for vehicle wash platforms and low impact design. Special foundation features provide for pile foundations. Electrical systems include communications, electrical distribution, exterior lighting, unit substation, transformers, common bank-run sand/soil fill and electrical equipment yard for accessible maintenance and repairs. Mechanical systems include water utilities, sanitary sewer utilities, gas utilities, an EMCS and an equipment yard to house the emergency generator. The project provides for site improvements consisting of roadways, parking, sidewalks and concrete pads, covered vehicle holding shed, landscaping, fencing and supporting facility EPACT LEED features. Stormwater drainage improvements include storm sewer, manholes, catch basins, swales as well as paving and filtration systems.</p> <p>Site preparation includes excavation/grading, clearing and grubbing, borrow and site cleanup. Demolition of Buildings 33520, 33522, 33523, 33308, 33524, 33521, 33358 and 41340 are included in the project. The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton and additional AT/FP features (security barrier, gates, and bollards). The project provides for outside communication lines for telephones, fiber optics and LAN.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009										
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Reconnaissance Bn Operations Complex											
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1016	8. Project Cost (\$000) 77,660											
<p><b>PROJECT REQUIREMENT:</b> <u>17,276 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>  Construct a Recon Bn Complex comprised of a high-rise multi-story battalion headquarters and classroom, warehouse, communications / electronics maintenance shop, auto shop, paraloft, fitness center, fire station, location exchange, single Marine center, post office, armory and parking structure. The Recon Battalion requires facilities to support the Grow the Force increased end-strength. The project demolishes nine existing facilities.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Recon Bn coordinates, plans and conducts amphibious reconnaissance, ground reconnaissance and surveillance operations and requires adequate headquarters, operational, storage and support facilities to support the stand-up of the new company in the Recon Bn at Camp Pendleton.</p> <p>Recon Bn requires facilities for battalion headquarters, operations, warehouse, armory, fire station, fitness center, area support facilities, and parking to support the Grow the Force increased end-strength.</p> <p><b>CURRENT SITUATION:</b></p> <p>Currently, Recon Bn resides in undersized and inadequate facilities throughout the Margarita (33 Area) at Camp Pendleton. Due to the Grow the Force increased end-strength, Recon Bn is increasing in size by one company. The existing facilities in Margarita (33 Area) will not support this increase. Additionally, located in Margarita (33 Area), the Truck Company, and the Military Police Company are also increasing in size by one company each. Facilities (including battalion headquarters, operations, warehouse, armory, fire station, fitness center, area support facilities and parking) to adequately house these new companies do not exist in Margarita (33 Area).</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at Camp Pendleton. Margarita (33 Area) will become even more congested with the addition of three new companies and the facilities will continue to degrade.</p>														
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>07/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>06/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>35%</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	07/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	06/2009	(D) Percent completed as of September 2008	15%	(E) Percent completed as of January 2009	35%
(A) Date design or Parametric Cost Estimate started	07/2008													
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009													
(C) Date design completed	06/2009													
(D) Percent completed as of September 2008	15%													
(E) Percent completed as of January 2009	35%													

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Reconnaissance Bn Operations Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1016	8. Project Cost (\$000) 77,660	
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,727
(B) All other design costs				\$864
(C) Total				\$2,591
(D) Contract				\$864
(E) In-house				\$1,727
4. Contract award:				12/2009
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Collateral Equipment		PMC	2011	9,253
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: LT ARTEMIO TREVINO		Phone No: 760-725-6026		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA		4. Project Title Reconnaissance Bn Operations Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1016	8. Project Cost (\$000) 77,660
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AI) MARINE CORPS BASE CAMP PENDLETON (LAS PULGAS AREA (43)) CAMP PENDLETON, CALIFORNIA			4. Project Title Comm/Elect Maintenance Facility	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P1019	8. Project Cost (\$000) 13,170	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
COMM/ELECT MAINTENANCE FACILITY (28,941 SF)	m2	2,688.73		7,190
COUNTER BATTERY RADAR FAC (22,723 SF)	m2	2,111	2,009.93	(4,240)
BATTERY SHOP (291 SF)	m2	27	1,335.62	(40)
STOREHOUSE (5,928 SF)	m2	550.73	1,645.48	(910)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
LEED AND EPACT 2005 COMPLIANCE	LS			(160)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(100)
BUILT-IN EQUIPMENT	LS			(560)
SPECIAL COSTS	LS			(590)
INFORMATION SYSTEMS	LS			(540)
SUPPORTING FACILITIES				4,260
SPECIAL FOUNDATION FEATURES	LS			(420)
ELECTRICAL UTILITIES	LS			(580)
MECHANICAL UTILITIES	LS			(110)
PAVING AND SITE IMPROVEMENTS	LS			(2,030)
SITE PREPARATIONS	LS			(810)
ENVIRONMENTAL MITIGATION	LS			(250)
ANTI-TERRORISM/FORCE PROTECTION	LS			(40)
OUTSIDE COMMUNICATIONS	LS			(20)
SUBTOTAL				11,450
CONTINGENCY (5%)				570
TOTAL CONTRACT COST				12,020
SIOH (5.7%)				690
SUBTOTAL				12,710
DESIGN/BUILD - DESIGN COST				460
TOTAL REQUEST ROUNDED				13,170
TOTAL REQUEST				13,170
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,407)

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AI) MARINE CORPS BASE CAMP PENDLETON (LAS PULGAS AREA (43)) CAMP PENDLETON, CALIFORNIA			4. Project Title Comm/Elect Maintenance Facility	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P1019	8. Project Cost (\$000) 13,170	
<p><b>10. Description of Proposed Construction:</b></p> <p>Primary Facility: Construct a Counter Battery Radar (CBR) Facility consisting of one multi-story facility containing Communications/Electronics (Comm/Elec), Administration and Instruction Functions. The Comm/Elec will be environmentally controlled in accordance with requirements for maintenance of CBR equipment, will contain drive through bays, roll-up doors, a battery storage, male/female restrooms with showers/locker room, administrative space and modified instruction space. A separate one-story storehouse will contain drive-in bays, roll-up doors, tool room and team storage rooms. The administrative and classroom areas facility shall contain private and open offices, reception area, file area, male/female restrooms, showers and lockers, storage areas, telecommunication room, Secret Internet Protocol Router Network (SIPRNet) space with an Electronic Key Management System vault. The project provides Navy Marine Corps Intranet (NMCI) drops for the administration, warehouse and maintenance shops. The telecommunications room provides for telecommunications functions including NMCI and heating/ventilation/air conditioning for NMCI. The project constructs concrete masonry unit buildings with seismic upgrades, concrete pilings, spread beam foundations and standing seam metal roofs. The project provides for electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing, fire protection systems, and heating and ventilation systems, with air conditioning in the training room. The project provides construction designed in compliance with current seismic requirements. The public area of the project must comply with Americans with Disabilities Act regulations.</p> <p>Project also includes operation and maintenance support information, post construction contract award services and built-in equipment for a passenger/freight elevator, an emergency generator, vehicle exhaust system, emergency eye washes and SIPRNet premium cost. Information systems include wiring for local area network, fiber optics, telephone, public address systems, cable television and intrusion detection system. The project provides for design for Anti-Terrorism/Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window/door frames, and emergency lighting/signage). Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005. The project provides for special costs for photovoltaic cells, architectural building styles and architectural roof features.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AI) MARINE CORPS BASE CAMP PENDLETON (LAS PULGAS AREA (43)) CAMP PENDLETON, CALIFORNIA			4. Project Title Comm/Elect Maintenance Facility	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P1019	8. Project Cost (\$000) 13,170	
<p>Supporting Facilities: The project provides for special construction features for low impact design. Electrical systems include communications, electrical distribution, exterior lighting, transformer, common bank-run sand/soil fill and electrical equipment yard for accessible maintenance and repairs. Mechanical systems include water utilities, sanitary sewer utilities, an EMCS, and an equipment yard to house the emergency generator.</p> <p>The project provides for site improvements consisting of roadways, organizational/non-organizational parking, sidewalks, bicycle features, walking path to the cantonment area, landscaping, security fencing with outriggers, vehicular and pedestrian gates, and supporting facility. Extend the road from the Consolidated Communications/Electronics Maintenance Shop site (FY 2008 P117). Stormwater drainage improvements include storm sewer, manholes, and paving, and filtration system.</p> <p>Site preparation includes excavation/grading, clearing and grubbing, borrow and site cleanup.</p> <p>The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton and additional AT/FP features (security gates and bollards).</p> <p>The project provides for outside communication lines for telephones, fiber optics, and LAN.</p>				
<b>11. Requirement:</b> <u>2,689 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Construct a Counter Battery Radar Facility comprised of a low-rise multi-story administration facility, a storehouse and a battery shop to support the Grow the Force increased end-strength. <p><b>(Current Mission)</b></p>				
<b>REQUIREMENT:</b> Adequate Counter Battery Radar facilities are required to support the 11th Marine Regiment at Las Pulgas (43 Area). Counter battery radar is a radar set designed to track the trajectory of incoming artillery and mortar projectiles and calculate the ground location of firing and landing points. These radars need to be very sensitive and accurate. They are mounted on the back of vehicles and must be stored in a humidity controlled facility where humidity is closely monitored.				
<b>CURRENT SITUATION:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AI) MARINE CORPS BASE CAMP PENDLETON (LAS PULGAS AREA (43)) CAMP PENDLETON, CALIFORNIA			4. Project Title Comm/Elect Maintenance Facility	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P1019	8. Project Cost (\$000) 13,170	
<p>One platoon of the CBR operates from three metal makeshift buildings. One facility is utilized for gear storage and tool room, one for CBR storage/maintenance and battery storage and one for an administrative facility and classroom. The existing facilities do not provide the required maintenance space for the radars and equipment for the additional CBR platoon. The facilities do not provide the stabilized dehumidified environment required to reduce normal corrosion, electronic equipment degradation and operating and support costs over the life of the system. Each CBR is valued at \$9.5 M. Organizational parking is insufficient for the additional CBR's. Close parking of CBRs creates potential for damage to the CBRs.</p> <p>The expanded mission will increase the number of high mobility multi-purpose vehicles and radar units from 20 to 40, the number of trailers from 12 to 24, the number of generators from 24 to 48 and the number of personnel from 48 to 117.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide this essential facility will result in personnel being crowded into existing facilities too small to support the mission. Additional vehicles and equipment will not fit into existing storage units and must be stored outside. This seriously jeopardizes the radars since they require a humidity controlled environment. Without adequate essential facilities, Marines experience degradation of unit cohesion, retention and the ability to maintain equipment.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$279
(B) All other design costs				\$140
(C) Total				\$419

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AI) MARINE CORPS BASE CAMP PENDLETON (LAS PULGAS AREA (43)) CAMP PENDLETON, CALIFORNIA			4. Project Title Comm/Elect Maintenance Facility	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P1019	8. Project Cost (\$000) 13,170	
(D) Contract				\$172
(E) In-house				\$247
4. Contract award:				12/2009
5. Construction start:				06/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Collateral Equipment		PMC	2011	1,407
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Lt. Art Trevino			Phone No: 760-725-6026	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AI) MARINE CORPS BASE CAMP PENDLETON (LAS PULGAS AREA (43)) CAMP PENDLETON, CALIFORNIA		4. Project Title Comm/Elect Maintenance Facility	
5. Program Element 0216496M	6. Category Code 21710	7. Project Number P1019	8. Project Cost (\$000) 13,170
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title WFTBn Support Facilities	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P1029	8. Project Cost (\$000) 15,780	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WFTBN SUPPORT FACILITIES (34,929 SF)	m2	3,245		10,940
APPLIED INSTRUCTION BUILDING (11,044 SF)	m2	1,026	3,790.11	(3,890)
RANGE SUPPORT BUILDING (9,677 SF)	m2	899	3,166.79	(2,850)
STORAGE AIR GROUND ORGANIC UNIT MC (14,208 SF)	m2	1,320	1,507.11	(1,990)
ANTI-TERRORISM/FORCE PROTECTION	LS			(90)
LEED AND EPACT 2005 COMPLIANCE	LS			(260)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(150)
BUILT-IN EQUIPMENT	LS			(200)
SPECIAL COSTS	LS			(840)
INFORMATION SYSTEMS	LS			(670)
SUPPORTING FACILITIES				2,780
SPECIAL FOUNDATION FEATURES	LS			(270)
ELECTRICAL UTILITIES	LS			(530)
MECHANICAL UTILITIES	LS			(800)
PAVING AND SITE IMPROVEMENTS	LS			(540)
SITE PREPARATIONS	LS			(270)
DEMOLITION	LS			(170)
ENVIRONMENTAL MITIGATION	LS			(160)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
OUTSIDE COMMUNICATIONS LINES	LS			(20)
SUBTOTAL				13,720
CONTINGENCY (5%)				690
TOTAL CONTRACT COST				14,410
SIOH (5.7%)				820
SUBTOTAL				15,230
DESIGN/BUILD - DESIGN COST				550
TOTAL REQUEST ROUNDED				15,780
TOTAL REQUEST				15,780

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title WFTBn Support Facilities	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P1029	8. Project Cost (\$000) 15,780	
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,611)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct three single-story buildings: an applied instruction facility, a range support building and a storage facility for recruit gear. The project constructs concrete masonry unit buildings with seismic upgrades, concrete pilings, spread beam foundations and standing seam metal roofs. The project provides for electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing, fire protection systems and heating/ventilation/air conditioning systems. Project also includes Navy Marine Corps Intranet drops for the applied instruction facility and the range support building. Project also includes operation and maintenance supporting information, post construction contract award services and built-in equipment for sawdust collection system and an emergency generator. Information systems include wiring for Local Area Network (LAN), fiber optics, telephone, public address, cable television, and intrusion detection systems. The project provides for design for Anti-terrorism Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window and door frames and emergency lighting and signage).</p> <p>Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005. The project provides for special costs for blast shelter, architectural building style and architectural roof features.</p> <p>Supporting Facilities: The project provides for special construction features for low impact design. Special foundation features are for the structural fill and sand. Electrical systems include communications, electrical distribution, exterior lighting, unit substation, transformer, common bank and an equipment yard. Mechanical systems include water utilities, sanitary sewer utilities, gas utilities and EMCS. The project includes paving and site improvements providing paved roads, parking, sidewalks, fencing and landscaping. The project provides for site preparation including excavation, clearing and grubbing, borrowing, and site clean up. The project also demolishes three single-story facilities: Building 31617 consisting of 445 m2 (4,790 SF), Building 31618 consisting of 447 m2 (4,811 SF), and Building 31619 consisting of 226 m2 (2,433 SF), and associated sidewalks and pavement. The project provides mitigation for natural, cultural and environmental resources impacted by construction at</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title WFTBn Support Facilities	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P1029	8. Project Cost (\$000) 15,780	
Camp Pendleton and additional AT/FP features (security gates, bollards, closed circuit television systems and camera stations). The project provides for outside communication lines for telephone, fiber optics, and LAN.				
11. Requirement: <u>3,245 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>				
<b>PROJECT:</b>				
Construct a martial arts facility, a range support facility and a recruit gear storage facility at Edson Range (31 Area) to support the Weapons and Field Training Battalion (WFTBn) to support the existing demand plus the increase attributed to the Grow the Force initiative. The project demolishes the existing facilities (Buildings 31617, 31618, and 31619).				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
Adequate training and support facilities are required to fulfill the WFTBn mission and to support recruits trained at Edson Range. Edson Range supports the WFTBn recruits and permanent party personnel. WFTBn provides recruits with the training and skills necessary to maintain and accurately fire the M16A2 Service Rifle and teaches a recruit the fundamentals of living in the field and surviving on the modern battlefield. Facilities include a martial arts training facility, a range support facility and a warehouse for storing recruit gear. The martial arts training facility requires a martial arts training demonstration area for a full platoon, a classroom training area, offices, and training aid storage.				
Camp Pendleton is required to train approximately 20,000 recruits from Marine Corps Recruit Depot each year, an increase of 3,000 PN recruits based on the Grow the Force increased end-strength.				
<b>CURRENT SITUATION:</b>				
The existing facilities at Edson Range cannot support the WFTBn. Martial Arts training is currently conducted in a portion of Building 31621, a converted warehouse. Due to the inadequate size and use, this converted warehouse is not an appropriate training facility. This facility can only accommodate 25 personnel at a time. With the increase of personnel from Grow The Force, the facility needs to be able to accommodate an entire platoon of 91 personnel at one time. The Range Support Facility provides space for target construction and target storage. The target construction is conducted inside and outside of Buildings 31617 and 31619. These buildings are temporary Marine Corps Expeditionary Support Structure (MCESS), constructed in the mid-sixties. The condition of the two MCESS is poor. They are too small for current operations and cannot support the				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title WFTBn Support Facilities	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P1029	8. Project Cost (\$000) 15,780	
<p>increase in target construction needs or the additional personnel to support necessary training. Recruit gear, 872 gear and meals ready to eat are stored in Building 31618, a temporary MCESS structure in poor condition. The demands of Grow The Force increases recruit gear storage requirement from 3,500 sets to 5,600 sets. Building 31618 is too small to store this amount of gear.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Without adequately trained recruits, the Marine Corps will experience degradation of unit cohesion and readiness.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$292
(B) All other design costs				\$146
(C) Total				\$438
(D) Contract				\$146
(E) In-house				\$292
4. Contract award:				12/2009
5. Construction start:				06/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	PMC	2011	1,611	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title WFTBn Support Facilities	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P1029	8. Project Cost (\$000) 15,780	
available basis; however, the scope of the project is based on Department of the Navy requirements.				
<p>Activity POC: Lt . Artemio Trevino                      Phone No: 760-725-6026</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title WFTBn Support Facilities	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P1029	8. Project Cost (\$000) 15,780	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title Enlisted Dining Facility - Edson Range	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1033	8. Project Cost (\$000) 37,670	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ENLISTED DINING FACILITY - EDSON RANGE (55,811 SF)	m2	5,185		26,010
DINING FACILITY (55,811 SF)	m2	5,185	3,846.2	(19,940)
ANTI-TERRORISM/FORCE PROTECTION	LS			(240)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,010)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(360)
BUILT-IN EQUIPMENT	LS			(2,320)
SPECIAL COSTS	LS			(1,080)
INFORMATION SYSTEMS	LS			(1,060)
SUPPORTING FACILITIES				6,750
SPECIAL CONSTRUCTION FEATURES	LS			(120)
SPECIAL FOUNDATION FEATURES	LS			(900)
ELECTRICAL UTILITIES	LS			(1,030)
MECHANICAL UTILITIES	LS			(580)
PAVING AND SITE IMPROVEMENTS	LS			(950)
SITE PREPARATIONS	LS			(1,050)
DEMOLITION	LS			(940)
ENVIRONMENTAL MITIGATION	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,010)
OUTSIDE COMMUNICATION LINES	LS			(20)
SUBTOTAL				32,760
CONTINGENCY (5%)				1,640
TOTAL CONTRACT COST				34,400
SIOH (5.7%)				1,960
SUBTOTAL				36,360
DESIGN/BUILD - DESIGN COST				1,310
TOTAL REQUEST ROUNDED				37,670
TOTAL REQUEST				37,670
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(4,096)
<b>10. Description of Proposed Construction:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title Enlisted Dining Facility - Edson Range	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1033	8. Project Cost (\$000) 37,670	
<p>Primary Facility: This project constructs a multi-story dining facility with separate dining and serving areas for permanent party personnel and recruits including mess decks, galley, scullery, administrative offices, chill boxes, freezers, storage, heads, roll-up door and mechanical room. The project constructs concrete masonry unit buildings with seismic upgrades, concrete pilings, spread beam foundations and standing seam metal roofs. The project provides for electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing, fire protection systems and heating/ventilation, air conditioning systems. Telecommunications rooms provide for telecommunications functions including Navy Marine Corps Intranet. The project provides construction designed in compliance with current seismic requirements. Project also includes operation and maintenance supporting information, post construction contract award services and built-in equipment for passenger/freight elevator, fixed kitchen equipment, serving line and an emergency generator. Information systems include wiring for local area network, fiber optics, telephone, public address, cable television and intrusion detection systems. The project provides for design for Anti-Terrorism Force Protection features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window and door frames and emergency lighting and signage). Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005. The project provides for special costs for photovoltaic cells and architectural building features.</p> <p>Supporting Facilities: The project provides for special construction features for low impact design. Electrical systems include communications, electrical distribution, exterior lighting, unit substation, transformer and common bank. Mechanical systems include water utilities, sanitary sewer utilities, gas utilities, EMCS, and an equipment yard for the emergency generator. Paving and site improvements provide for paved roads, parking, sidewalks and mustering areas, landscaping and supporting facility Energy Policy Act of 2005 Leadership in Energy and Environmental Design elements and stormwater drainage improvements. The stormwater drainage improvements provide for a catch basins and a filtration system. The project provides for site preparation including excavation, clearing and grubbing, borrowing, and site clean up. The project also demolishes Building 31611, overhead electrical lines and poles and associated sidewalks and pavement. The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title Enlisted Dining Facility - Edson Range	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1033	8. Project Cost (\$000) 37,670	
Pendleton and additional AT/FP features. The project provides for outside communication lines for telephone, fiber optics, and LAN.				
<b>11. Requirement:</b> <u>4,380</u> <b>Adequate:</b> <b>Substandard:</b> <b>PROJECT:</b> The project constructs a new dining facility for permanent party and recruits at Edson Range. The dining facility supports 3,374 persons to support the Grow the Force increased end-strength. The project demolishes the existing dining facility upon completion of the new facility. <b>(Current Mission)</b> <b>REQUIREMENT:</b> Adequate dining facilities are required to support personnel at Edson Range. Edson Range supports the Weapons and Field Training Battalion (WFTBn) recruits and permanent party personnel. This project is required to support the Grow The Force increased end strength. Facilities required at Edson Range include a dining facility with separate dining and serving areas for permanent party personnel and recruits. <b>CURRENT SITUATION:</b> The existing dining facility (Building 31611) at Edson Range supports 2,532 persons in 2,303 m2 (24,789 SF). The dining facility is too small to support the existing level of recruits and permanent party personnel served. In addition to the supported personnel at Edson Range, the dining facility also supports personnel in other remote cantonment areas; Marine Air Support Squadron-3, and Marine Corps Tactical Systems Support Activity. Built in 1963, Building 31611 is currently in substandard condition, old, and deteriorating. Many deficiencies directly affect the facility's ability to safely perform its mission of food service.  Edson Range is located in a remote location. The current facility is the sole dining facility at Edson Range. Recruits living in the barracks do not have transportation or travel time to obtain meals in other locations. <b>IMPACT IF NOT PROVIDED:</b> Since the personnel served at the dining facility at Edson Range is estimated to increase by 842 persons, the new requirement for dining facilities totals 3,374 persons. The construction of the new dining facility is necessary to meet the dining needs of the permanent party personnel and the 20,000 recruits that annually train at Edson Range. The existing facility cannot adequately feed these recruits and permanent party personnel due to age, design, condition and size.				
<b>12. Supplemental Data:</b> A. Estimated Design Data:				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AN) MARINE CORPS BASE CAMP PENDLETON (MAIN GATE AREA (20)) CAMP PENDLETON, CALIFORNIA			4. Project Title Expansion of SRTTP to 7.5 MGD	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1041	8. Project Cost (\$000) 55,180	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
EXPANSION OF SRTTP TO 7.5 MGD	KG	2,500		46,340
SEWAGE TREATMENT PLANT	KG	2,500	17,996	(44,990)
LEED AND EPACT 2005 COMPLIANCE	LS			(190)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(560)
SPECIAL COSTS	LS			(600)
SUPPORTING FACILITIES				1,650
SPECIAL FOUNDATION FEATURES	LS			(750)
PAVING AND SITE IMPROVEMENTS	LS			(650)
SITE PREPARATIONS	LS			(80)
ENVIRONMENTAL MITIGATION	LS			(50)
ANTI-TERRORISM/FORCE PROTECTION	LS			(120)
SUBTOTAL				47,990
CONTINGENCY (5%)				2,400
TOTAL CONTRACT COST				50,390
SIOH (5.7%)				2,870
SUBTOTAL				53,260
DESIGN/BUILD - DESIGN COST				1,920
TOTAL REQUEST ROUNDED				55,180
TOTAL REQUEST				55,180
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(188)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Expand the capacity of the existing 5.0 Million Gallon per Day (MGD) Southern Region Tertiary Treatment Plant (SRTTP) to 7.5 MGD by increasing the capacity of the headworks. Project also provides for a continuous grit removal system, the installation a new digester, the addition of a two compartment Sequence Batch Reactor (SBR), the addition of an equalization basin, an upgrade of the filtration system (to tertiary) and the expansion of the disinfection contact basin to treat effluent from the tributary areas associated with existing Sewage Treatment Plant (STP) numbers (1, 2, 3, 8, 9, and 13). The new and existing digesters shall be designed/retrofitted to maintain optimum operating temperatures and capture methane gas as practical. The project provides construction designed in compliance with current seismic requirements. The public area of the</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AN) MARINE CORPS BASE CAMP PENDLETON (MAIN GATE AREA (20)) CAMP PENDLETON, CALIFORNIA			4. Project Title Expansion of SRTTP to 7.5 MGD	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1041	8. Project Cost (\$000) 55,180	
<p>project must comply with Americans with Disabilities Act regulations. Other primary facility functions include preliminary treatment, advanced wastewater treatment, secondary bio-treatment with nutrient removal and a disinfection contact basin. Project also includes operation and maintenance support information and post construction contract award services. The project provides for design for Anti-Terrorism Force Protection features such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window and door frames, and emergency lighting and signage. Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>Supporting Facilities: The project provides for special costs for photovoltaic cells and a start up plan that provides for uninterrupted continuous operations at the SRTTP. Special foundation features include extensive structural fill. Roads and paving to be included as well as ground water run off measures.</p>				
<p><b>11. Requirement:</b>    <u>2,500 KG</u>    <b>Adequate:</b>    <u>0 KG</u>    <b>Substandard:</b>    <u>0 KG</u></p> <p><b>PROJECT:</b></p> <p>Construction expands existing SRTTP to a 7.5 MGD capacity by increasing the headworks, installing one digester, upgrading to a tertiary filtration system, adding a two compartment SBR, providing an additional equalization basin and expanding the disinfection contact basin.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>An adequate SRTTP at Camp Pendleton is required to provide treatment and plant capacity to handle raw sewage from STP (1, 2, 3, 8, 9, and 13) tributary areas and to accommodate projected future increases in influent quantities due to Grow the Force end strength increase including recruits, permanent party personnel and dependents. The live-stream discharge of effluent must comply with the San Diego Regional Water Quality Control Board (RWQCB) Basin Plan. This project is required to maintain compliance with the regulatory requirements. This project is required to support the Grow the Force increased end-strength.</p> <p><b>CURRENT SITUATION:</b></p> <p>Grow the Force increases end-strength at Camp Pendleton by 3,000 recruits training at Edson Range at Camp Pendleton, approximately 4,000 permanent party personnel, plus dependents for a total of over 7,000 additional personnel, at Camp Pendleton. This increases demands on the sewer treatment plant beyond the permitted capacity.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AN) MARINE CORPS BASE CAMP PENDLETON (MAIN GATE AREA (20)) CAMP PENDLETON, CALIFORNIA			4. Project Title Expansion of SRTTP to 7.5 MGD	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1041	8. Project Cost (\$000) 55,180	
<p>Marine Corps Base Camp Pendleton currently relies on a complex system of wastewater treatment plants. The existing system consists of six STPs (1, 2, 3, 8, 9, 13) in the southern half of the Base (south of Pulgas), 71 lift stations and vehicle wash stations, and over 156 miles of sewage collection pipelines to collect, pump and treat raw sewage and vehicle wash water from the southern cantonment areas of the Camp Pendleton.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide expanded capacity of the SRTTP will result in exceeding the wastewater rated capacity of 3.75 MGD and non-compliance with the Clean Water Act's NPDES permit. Expansion of the SRTTP is the primary element that is necessary for ensuring continuing compliance with RWQCB Basin Plan requirements.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$721
(B) All other design costs				\$361
(C) Total				\$1,082
(D) Contract				\$361
(E) In-house				\$721
4. Contract award:				12/2009
5. Construction start:				06/2010
6. Construction complete:				12/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	O&MMC	2011	188	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AN) MARINE CORPS BASE CAMP PENDLETON (MAIN GATE AREA (20)) CAMP PENDLETON, CALIFORNIA			4. Project Title Expansion of SRTTP to 7.5 MGD	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1041	8. Project Cost (\$000) 55,180	
<p>Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.</p>				
Activity POC: Ron Couchot			Phone No: (760) 725-6061	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AL) MARINE CORPS BASE CAMP PENDLETON (SAN MATEO AREA (62)) CAMP PENDLETON, CALIFORNIA			4. Project Title North Regional Tertiary Treatment Plant	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1043	8. Project Cost (\$000) 142,330	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
NORTH REGIONAL TERTIARY TREATMENT PLANT	LS			113,250
NORTH REGIONAL TERTIARY TREATMENT PLANT	KG	5,000	5,653.13	(28,270)
NRTTP OPERATIONS FACILITY (4,607 SF)	m2	428	5,181.71	(2,220)
ADVANCED SEWAGE TRMT FACILITY	KG	5,000	4,453.03	(22,270)
DISINFECTION CONTACT BASIN CONSTRUCTION	KG	2,500	1,518.21	(3,800)
SLUDGE TREATMENT HANDLING FACILITY	KG	5,000	2,045.86	(10,230)
SBR CONSTRUCTION	KG	2,500	4,968.9	(12,420)
CONVERT STP 12 TO TAPS	KG	5,000	414.54	(2,070)
PCAS (1.0%)	EA	0.01	146,150,000	(1,460)
SANITARY SEWER CONVEYANCE	m	5,300	2,568.69	(13,610)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
LEED AND EPACT 2005 COMPLIANCE	LS			(900)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(1,410)
BUILT-IN EQUIPMENT	LS			(4,090)
SPECIAL COSTS	LS			(5,720)
INFORMATION SYSTEMS	LS			(4,720)
SUPPORTING FACILITIES				10,530
SPECIAL CONSTRUCTION FEATURES	LS			(800)
SPECIAL FOUNDATION FEATURES	LS			(250)
ELECTRICAL UTILITIES	LS			(2,200)
MECHANICAL UTILITIES	LS			(200)
PAVING AND SITE IMPROVEMENTS	LS			(1,850)
SITE PREPARATIONS	LS			(1,610)
DEMOLITION	LS			(1,130)
ENVIRONMENTAL MITIGATION	LS			(1,570)
OUTSIDE COMMUNICATION	LS			(920)
SUBTOTAL				123,780
CONTINGENCY (5%)				6,190

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AL) MARINE CORPS BASE CAMP PENDLETON (SAN MATEO AREA (62)) CAMP PENDLETON, CALIFORNIA			4. Project Title North Regional Tertiary Treatment Plant	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1043	8. Project Cost (\$000) 142,330	
TOTAL CONTRACT COST				129,970
SIOH (5.7%)				7,410
SUBTOTAL				137,380
DESIGN/BUILD - DESIGN COST				4,950
TOTAL REQUEST ROUNDED				142,330
TOTAL REQUEST				142,330
EQUIPMENT FROM OTHER				(830)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>PRIMARY FACILITY - Construct a five million gallon per day (MGD) North Regional Tertiary Treatment Plant (NRTTP) with a sludge treatment facility located near the existing Sewage Treatment Plant (STP) 11 to treat raw sewage from the tributary areas associated with existing STPs 10, 11, and 12. Provide Sequential Batch Reactors (SBRs) and sludge treatment and handling facilities (two dissolved air flotation units, two digesters and multiple sludge drying beds, chemical storage and feed systems, odor control facilities, and a control room). Modify or reuse the existing headworks facilities at STP 10, 11, and 12. Convert STP 12 to a Tributary Area Pump Station (TAPS). The project provides for preliminary treatment facilities, secondary treatment facilities, and advanced (tertiary) sewage treatment facilities. Construct a Disinfection Basin. The project provides for a new sewer line from STP 12 in San Mateo (62 Area) including piping, ten lift stations, manholes, and horizontal boring. The project also constructs a 428 m2 (4,607 SF) operations facility constructed with reinforced concrete masonry units with seismic upgrades, Navy Marine Corps Intranet (NMCI) drops, structural fill, and standing seam metal roof. A telecommunications room provides for telecommunications functions including NMCI and heating, ventilation, and air conditioning (HVAC). The project provides for electrical and mechanical systems including alarms for the fiber optic cable, fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), Direct Digital Controls, plumbing, fire protection systems, and HVAC systems. The project provides construction designed in compliance with current seismic requirements. The public area of the project must comply with Americans with Disabilities Act regulations.</p> <p>The project provides for Anti-terrorism Force Protection (AT/FP) features and complies with AT/FP regulations and physical security. Sustainable design features will be included in the design, development, and construction of the facility. The facility will be designed to meet or</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009						
3. Installation(SA)& Location/UIC: M00681(AL) MARINE CORPS BASE CAMP PENDLETON (SAN MATEO AREA (62)) CAMP PENDLETON, CALIFORNIA			4. Project Title North Regional Tertiary Treatment Plant							
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1043	8. Project Cost (\$000) 142,330							
<p>exceed California Title 24 requirements and Leadership in Energy and Environmental (LEED) Design Silver rating.</p> <p>The project provides built-in equipment for the preliminary screen/grit removal and two emergency generators. The information system includes a Supervisory Control and Data Acquisition (SCADA) system with twisted pair communication lines, wiring for local area network (LAN), fiber optics, telephone, public address system, and intrusion detection system wiring.</p> <p>Project also includes Operation and Maintenance Supporting Information (OMSI), Post Construction Award Services (PCAS)and special construction costs for chemical storage and handling and an influent pump station.</p> <p>SUPPORTING FACILITIES - The project provides for special construction features for low impact design in accordance with Low Impact Development and other Environmental Laws and Regulations.</p> <p>The project provides for electrical systems including site and building utility connections, communication, electrical distribution, exterior lighting, a unit substation, two transformers, and an electrical equipment yard to house the emergency generators.</p> <p>Mechanical utilities include site and building utility connections for water (domestic and fire protection), sanitary and natural gas. The project provides for EMCS and a mechanical equipment yard for maintenance and repair access.</p> <p>Paving and site improvements include facility access roads, parking, sidewalks, landscaping fencing, LEED features, and stormwater drainage improvements. The site preparations provide for excavation and grading, clearing and grubbing, borrow and site cleanup. The project demolishes portions of SPT 11 &amp; 12, building sewer/water lines, connections for the sewer/water lines, and provides for disposal of hazardous soil (from liners and perk ponds).</p> <p>The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton.</p>										
<table border="0"> <tr> <td data-bbox="191 1766 492 1797"><b>11. Requirement:</b></td> <td data-bbox="492 1766 917 1797"><b>Adequate:</b></td> <td data-bbox="917 1766 1430 1797"><b>Substandard:</b></td> </tr> <tr> <td colspan="3" data-bbox="191 1797 1430 1953"> <b>PROJECT:</b>  Construct a five MGD NRTTP and sludge facility at the location of existing STP 11 to treat raw sewage from the STP 10, 11 and 12 tributary areas and allow for reuse of water in the northern region. SCADA lines are also </td> </tr> </table>					<b>11. Requirement:</b>	<b>Adequate:</b>	<b>Substandard:</b>	<b>PROJECT:</b> Construct a five MGD NRTTP and sludge facility at the location of existing STP 11 to treat raw sewage from the STP 10, 11 and 12 tributary areas and allow for reuse of water in the northern region. SCADA lines are also		
<b>11. Requirement:</b>	<b>Adequate:</b>	<b>Substandard:</b>								
<b>PROJECT:</b> Construct a five MGD NRTTP and sludge facility at the location of existing STP 11 to treat raw sewage from the STP 10, 11 and 12 tributary areas and allow for reuse of water in the northern region. SCADA lines are also										

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AL) MARINE CORPS BASE CAMP PENDLETON (SAN MATEO AREA (62)) CAMP PENDLETON, CALIFORNIA			4. Project Title North Regional Tertiary Treatment Plant	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1043	8. Project Cost (\$000) 142,330	
<p>installed from San Mateo, San Onofre, and Horno (through School of Infantry) connecting into the new NRTTP. The plant will exceed the secondary treatment levels mandated by the RWQCB and comply with Title 22 standards for reuse water. The ability to reuse water for irrigation uses will extend the self-sufficient potable water supply from existing ground water sources. When complete, the facility achieves long-term regulatory compliance for MCB Camp Pendleton's wastewater systems.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>An adequate tertiary treatment plant and sludge treatment facility at the northern region of MCB Camp Pendleton are required to provide adequate plant capacity to treat wastewater from STP 10, 11, and 12 tributary areas and to accommodate projected future increases in influent quantities associated with the Grow the Force end-strength increase in personnel.</p> <p><b>CURRENT SITUATION:</b></p> <p>The northern region relies on 2 STPs to treat wastewater (raw sewage) and relies on approximately 20 pump stations to transfer the sewage. Original permits for STPs were issued in the 1940s. STPs 11 and 12 are secondary systems (not tertiary systems) and have two percolation ponds each. The proposed development of the Foothills Freeway at MCB Camp Pendleton will contribute to the reduction in the capacity of these percolation ponds, increasing the need for a tertiary system.</p> <p>Currently the north region sewage treatment system operates under Notices of Violations for STPs 11 and 12. Current operations do not have a Cease or Desist Order (CDO) for the northern region. STP 12 is currently operating at maximum permitted capacity (permitted capacity is 75 percent of rated capacity). STP 12 is also located on an archeological site, eliminating possibility for expansion. STP 11 is currently operating at its maximum permitted capacity. STP 10 is located in the northern region and is in poor condition. STP 10 acts as tributary pump station, but no treatment occurs at this facility. Wastewater is pumped to STP 11 for treatment from STP 10. The sludge beds are still active at STPs 10, 11 and 12 and are utilized as needed.</p> <p>The north region sewage treatment system is operating at the maximum permitted capacity. The increase in influent associated with the increase in personnel at Camp Pendleton from the Grow the Force end-strength increase would exceed the maximum permitted capacity.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AL) MARINE CORPS BASE CAMP PENDLETON (SAN MATEO AREA (62)) CAMP PENDLETON, CALIFORNIA			4. Project Title North Regional Tertiary Treatment Plant	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1043	8. Project Cost (\$000) 142,330	
<p>The current STPs in the northern region will continue to operate at maximum or near maximum permitted capacity. Increases in wastewater from additional personnel relating to the Grow the Force end-strength increase will cause STPs 11 and 12 to exceed permitted capacity. If a tertiary treatment plant in the northern region is not constructed to increase capacity, the Base may be sighted with CDOs and lawsuits. Additionally, if the new plant is not provided, the northern area would not be able to support any new development required by Grow the Force demands. The existing STP system does not have the capacity (or the ability to expand) to support the influent associated with this new development.</p> <p>MCB cannot operate beyond the maximum permitted capacity. The Base will not be able to process the influent to Title 22 secondary treatment standards. Without an effluent outfall pipe, the disposal of the non compliant effluent will be illegal. The percolation ponds' capacity will be strained by the sheer quantity increase of effluent. If this capacity is exceeded, the percolation ponds overflow will jeopardize nearby beaches and oceans. The percolation ponds will be at capacity with this additional volume and the effluent will infiltrate the salt water intrusion layer. This infiltration of effluent into the intrusion layer, this may reverse flow and blend directly with ground water aquifer. This will contaminate the only source of potable water at the North MCB Camp Pendleton. Lack of potable water would severely impact training and operations at the Base.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,711
(B) All other design costs				\$856
(C) Total				\$2,567
(D) Contract				\$856

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AL) MARINE CORPS BASE CAMP PENDLETON (SAN MATEO AREA (62)) CAMP PENDLETON, CALIFORNIA			4. Project Title North Regional Tertiary Treatment Plant	
5. Program Element 0216496M	6. Category Code 83110	7. Project Number P1043	8. Project Cost (\$000) 142,330	
(E) In-house				\$1,711
4. Contract award:				12/2009
5. Construction start:				07/2010
6. Construction complete:				07/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>		<u>FY Approp</u>
<u>Nomenclature</u>		<u>Approp</u>		<u>or Requested</u>
Collateral Equipment		O&MMC		2010
				830
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Ron Couchot			Phone No: (760) 725-6061	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Gas/Electrical Upgrades	
5. Program Element 0216496M	6. Category Code 81231	7. Project Number P1048	8. Project Cost (\$000) 51,040	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
GAS/ELECTRICAL UPGRADES	LS			42,320
SUBSTATION BUILDINGS (4 EA @ 280 M2/EA) (12,056 SF)	m2	1,120	2,165.78	(2,430)
69 KV OVERHEAD LINES	m	63,207	167.28	(10,570)
12 KV OVERHEAD LINES	m	19,440	111.52	(2,170)
69KV UNDERGROUND LINES	m	8,382	952.1	(7,980)
69 KV SUBSTATIONS	EA	4	1,800,000	(7,200)
69 KV METERING STATION	EA	4	2,500,000	(10,000)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
LEED AND EPACT 2005 COMPLIANCE	LS			(70)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(620)
SPECIAL COSTS	LS			(1,260)
SUPPORTING FACILITIES				2,060
ENVIRONMENTAL MITIGATION	LS			(2,060)
SUBTOTAL				44,380
CONTINGENCY (5%)				2,220
TOTAL CONTRACT COST				46,600
SIOH (5.7%)				2,660
SUBTOTAL				49,260
DESIGN/BUILD - DESIGN COST				1,780
TOTAL REQUEST ROUNDED				51,040
TOTAL REQUEST				51,040
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Project constructs a 69kV electrical system to provide reliable electrical distribution throughout the entire Base. The project constructs four new 69kV substations each with a 280 m2 (3,015 SF) support facility. Substation #1 is located at the existing Hay Barn Canyon location. Substation #2 is located near the intersection of Pulgas Road and Stuart Mesa Road. Substation #3 is in the vicinity of San Onofre Nuclear Generating Station and Substation #4 is located at the intersection of Cristianitos Road and San Mateo Road. The first three substations connect to existing San Diego Gas and Electric (SDG&amp;E) 69kV lines. The fourth substation converts the new Camp Pendleton 69kV line to the existing</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Gas/Electrical Upgrades	
5. Program Element 0216496M	6. Category Code 81231	7. Project Number P1048	8. Project Cost (\$000) 51,040	
<p>Camp Pendleton 12kV system.</p> <p>Project provides distribution of electrical power through four different connecting segments.</p> <p>1) The Hay Barn segment consists of a new 69kV overhead distribution line with a 12kV line running on the same poles. The lines connect the new Substation #1 with Range 409.</p> <p>2) The 69kV distribution line proceeds underground through Range 409. Underground lines require concrete encased duct banks and vaults. The underground line resurfaces at the eastern portion of the Base.</p> <p>3) The 69kV distribution line continues, overhead, along the eastern and northern Base boundary following the SDG&amp;E 230kV transmission lines, proceeds down Cristianitos Road connecting to the new Substation #4 and continues down to Interstate 5. The line then parallels the freeway toward the new Substation #3 located in the vicinity of San Onofre Nuclear Generating Station. This completes the northern loop.</p> <p>4) The final 69kV overhead power line runs from the new Substation #2 and follows Pulgas Road with a 69kV and 12kV distribution line on the same pole. At Las Pulgas (43 Area) a dual 69kV/12kV line will extend to the north to connect to a new solar power generating site and a 69kV line continues south on Basilone Road to Roblar Road and connects into the Hay Barn line and completes the southern loop.</p> <p>Special costs provide for obstruction lights and globes, firebreaks, operation and maintenance support information and post construction contract award services.</p> <p>Supporting Facilities: The project provides for environmental mitigation for natural, cultural, and environmental resources impacted by construction at Marine Corps Base Camp (MCB) Pendleton.</p>				
<p><b>11. Requirement:</b>    <u>1,120 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Project constructs a 69kV electrical system to provide reliable electrical distribution throughout the entire Base.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate electrical power is required at MCB Camp Pendleton to fulfill its mission. The Grow the Force end-strength initiative increases demand for electricity at Camp Pendleton.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Gas/Electrical Upgrades	
5. Program Element 0216496M	6. Category Code 81231	7. Project Number P1048	8. Project Cost (\$000) 51,040	
<b>CURRENT SITUATION:</b>				
<p>San Diego Gas and Electric (SDG&amp;E) currently provides power at Camp Pendleton. Approximately 60 percent of the power is provided at Hay Barn Canyon at a 69kV substation. The other 40 percent of power is provided by various SDG&amp;E 6kV through 12kV substations. These substations have radial feeds to different areas at the Base, which is a less than optimum system. The existing electrical service at MCB Camp Pendleton is aged and deteriorating. This existing electrical service cannot reliably and efficiently support the increase in electrical demand (generated by the Grow the Force initiative) from personnel, training and operations at Camp Pendleton. The existing electrical system does not have any redundancies. Single point failure would result in black-outs at large portions of the Base.</p>				
<b>IMPACT IF NOT PROVIDED:</b>				
<p>The existing electrical system cannot support the growth required for Grow the Force increases in personnel end strength and related new development resulting in increased number and intensity of black-outs and reduced power throughout the Base. If upgrades to the existing electrical system are not provided, Camp Pendleton will continue to experience intermittent blackouts, incur higher energy costs and absorb higher maintenance costs. The electrical system will continue to degrade, impeding training and operations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$983
(B) All other design costs				\$491
(C) Total				\$1,474
(D) Contract				\$983

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Gas/Electrical Upgrades	
5. Program Element 0216496M	6. Category Code 81231	7. Project Number P1048	8. Project Cost (\$000) 51,040	
(E) In-house				\$491
4. Contract award:				12/2009
5. Construction start:				04/2010
6. Construction complete:				04/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Lt Artemio Trevino			Phone No: 760-725-6026	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1067	8. Project Cost (\$000) 39,610	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS (101,401 SF)	m2	9,420.5		30,060
BACHELOR ENLISTED QUARTERS (101,401 SF)	m2	9,420.5	2,603.87	(24,530)
ANTI-TERRORISM/FORCE PROTECTION	LS			(640)
LEED AND EPACT 2005 COMPLIANCE	LS			(740)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(380)
BUILT-IN EQUIPMENT	LS			(340)
SPECIAL COSTS	LS			(1,300)
INFORMATION SYSTEMS	LS			(2,130)
SUPPORTING FACILITIES				4,390
SPECIAL CONSTRUCTION FEATURES	LS			(520)
SPECIAL FOUNDATION FEATURES	LS			(200)
ELECTRICAL UTILITIES	LS			(710)
MECHANICAL UTILITIES	LS			(880)
PAVING AND SITE IMPROVEMENTS	LS			(870)
SITE PREPARATIONS	LS			(50)
DEMOLITION	LS			(990)
ENVIRONMENTAL MITIGATION	LS			(80)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
OUTSIDE COMMUNICATION LINES	LS			(10)
SUBTOTAL				34,450
CONTINGENCY (5%)				1,720
TOTAL CONTRACT COST				36,170
SIOH (5.7%)				2,060
SUBTOTAL				38,230
DESIGN/BUILD - DESIGN COST				1,380
TOTAL REQUEST ROUNDED				39,610
TOTAL REQUEST				39,610
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(3,773)

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1067	8. Project Cost (\$000) 39,610	
<p><b>10. Description of Proposed Construction:</b></p> <p>Primary Facility: Construct a multi-story Bachelor Enlisted Quarters (BEQ). Facility to be constructed of reinforced concrete masonry units (CMU) with seismic upgrades, CMU interior walls, reinforced concrete foundation and floors and standing seam metal roof. Project provides 200 rooms with private bathrooms in the standard 2x0 room configuration. Community and service core areas consist of laundry facilities, multipurpose rooms, lounges, learning resource center, administrative offices, housekeeping areas and public restrooms. The project provides for electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing (for a four-pipe system), fire protection systems and heating and ventilation systems. The project provides construction in compliance with current seismic requirements. The public area of the project must comply with Americans with Disabilities Act regulations. The BEQ facility provides for a sufficient number of Navy Marine Corps Intranet drops. Project also includes operation and maintenance support information, post construction contract award services and built-in equipment for an elevators and an emergency generator. Information systems include wiring for local area network, fiber optics, telephone, public address systems, cable television and intrusion detection system. The project provides for design for Anti-terrorism/Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window/door frames, and emergency lighting/signage). Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005. The project provides for special costs for photovoltaic cells, progressive collapse design, keyless entry lock system, architectural building styles and architectural roof features.</p> <p>Supporting Facilities: Provide special construction features for traffic mitigation (for approximately six weeks) and low impact design. Special foundation features provide for structural fill and sand. Electrical systems include communications, electrical distribution, exterior lighting, transformer, common bank-run sand/soil fill and electrical equipment yard for accessible maintenance and repairs. Mechanical systems include water utilities, sanitary sewer utilities, gas utilities, an EMCS, and an equipment yard to house the emergency generator. The project provides for site improvements consisting of roadways, parking, sidewalks and mustering area, landscaping, retaining wall topped with a 1 m (3 feet) fence, leadership in energy and environmental design features and stormwater</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AH) MARINE CORPS BASE CAMP PENDLETON (LAS FLORES AREA (41)) CAMP PENDLETON, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1067	8. Project Cost (\$000) 39,610	
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,277
(B) All other design costs				\$639
(C) Total				\$1,916
(D) Contract				\$639
(E) In-house				\$1,277
4. Contract award:				11/2009
5. Construction start:				01/2010
6. Construction complete:				10/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	3,773
C. FY 2008 R&M Conducted (\$000):				61,433
D. FY 2009 R&M Conducted (\$000):				47,878
E. Future R&M Requirements (\$000):				233,300
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: LT ARTEMIO TREVINO			Phone No: 760-725-6026	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AJ) MARINE CORPS BASE CAMP PENDLETON (INFTRY SCHOOL AREA(52)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks, School of Infantry	
5. Program Element 0216496M	6. Category Code 72115	7. Project Number P1069	8. Project Cost (\$000) 53,320	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RECRUIT BARRACKS, SCHOOL OF INFANTRY (123,151 SF)	m2	11,441.08		37,070
BACHELOR ENLISTED QUARTERS (119,350 SF)	m2	11,088	2,664.58	(29,540)
ARMS ROOMS (TWO) (1,801 SF)	m2	167.28	3,031.57	(510)
COMPANY OFFICES (TWO) (2,000 SF)	m2	185.8	3,028.54	(560)
ANTI-TERRORISM/FORCE PROTECTION	LS			(770)
LEED AND EPACT 2005 COMPLIANCE	LS			(870)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(530)
BUILT-IN EQUIPMENT	LS			(810)
SPECIAL COSTS	LS			(1,520)
INFORMATION SYSTEMS	LS			(1,960)
SUPPORTING FACILITIES				9,300
SPECIAL CONSTRUCTION FEATURES	LS			(910)
SPECIAL FOUNDATION FEATURES	LS			(1,530)
ELECTRICAL UTILITIES	LS			(830)
MECHANICAL UTILITIES	LS			(1,200)
PAVING AND SITE IMPROVEMENTS	LS			(1,670)
SITE PREPARATIONS	LS			(2,930)
DEMOLITION	LS			(10)
ENVIRONMENTAL MITIGATION	LS			(160)
ANTI-TERRORISM/FORCE PROTECTION	LS			(10)
OUTSIDE COMMUNICATION LINES	LS			(50)
SUBTOTAL				46,370
CONTINGENCY (5%)				2,320
TOTAL CONTRACT COST				48,690
SIOH (5.7%)				2,780
SUBTOTAL				51,470
DESIGN/BUILD - DESIGN COST				1,850
TOTAL REQUEST ROUNDED				53,320

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AJ) MARINE CORPS BASE CAMP PENDLETON (INFTRY SCHOOL AREA(52)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks, School of Infantry	
5. Program Element 0216496M	6. Category Code 72115	7. Project Number P1069	8. Project Cost (\$000) 53,320	
TOTAL REQUEST				53,320
EQUIPMENT FROM OTHER				(14,880)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a high-rise multi-story open bay barracks with two company offices and two arms rooms. The facility is to be constructed of reinforced concrete masonry units with seismic upgrades, smooth textured walls, concrete pilings, spread beam foundation and a standing seam metal roof. Barracks include two company offices, two instructor rooms, central restroom, shower, laundry rooms and exterior wash area with hose bibs for cleaning field gear. The project provides for electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing, fire protection systems, four pipe heating and ventilation systems and adequate Navy Marine Corps Intranet drops. The project provides construction designed in compliance with current seismic requirements. Public areas within the facilities must comply with Americans with Disabilities Act regulations. The project also includes operation and maintenance support information, post construction contract award services, built-in equipment for one passenger and one freight elevator, fire pumps and an emergency generator. Information systems include wiring for Local Area Network (LAN), fiber optics, telephone, public address systems, cable television and intrusion detection system. The project provides design for Anti-Terrorism/Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window/door frames, and emergency lighting/signage). Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005. The project provides special costs for a water storage tank, photovoltaic cells, progressive collapse design, architectural building styles and architectural roof features.</p> <p>Supporting Facilities: Provide special construction features for low impact design. Special foundation features provide for the pile foundation and sand. Electrical systems include communications, electrical distribution, exterior lighting, transformer and common bank-run sand/soil fill. Mechanical systems include water utilities, sanitary sewer utilities, gas utilities, EMCS, and an equipment yard. The project provides for site improvements consisting of roadways, parking, sidewalks, muster area, landscaping and supporting facility leadership in energy environment and design features including pedestrian and bicycling features</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AJ) MARINE CORPS BASE CAMP PENDLETON (INFTRY SCHOOL AREA(52)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks, School of Infantry	
5. Program Element 0216496M	6. Category Code 72115	7. Project Number P1069	8. Project Cost (\$000) 53,320	
<p>and stormwater drainage improvements. Site preparation includes excavation/grading, clearing and grubbing, borrow, and site cleanup. The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton and additional AT/FP features (security bollards, closed circuit television systems and additional camera stations). The project demolishes an existing Water Storage Tank 52698. The project provides outside communication lines for telephones, fiber optics, and LAN.</p>				
<p><b>11. Requirement:</b> <u>11,441 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Construct a high-rise multi-story open bay barracks with two company offices and two arms rooms at the School of Infantry in San Onofre (52 Area) to support Grow the Force increased end-strength.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The Marine Corps entry level infantry training process is limited by the availability of open-squad bay billeting space. The new facility would provide billeting for 860 students to accommodate the increased company sizes graduating from Marine Corps Recruit Depot (MCRD) San Diego that will reach peak loading during the months of August through February. These numbers were based on Training and Education Command recruiting projections dated January 2008.</p> <p><b>CURRENT SITUATION:</b></p> <p>At Marine Corps Base, Camp Pendleton, there is a current deficit of billeting space. The Grow the Force Initiative will greatly increase the student billeting deficiency at the School of Infantry for the Infantry Training Battalion and Marine Combat Training Battalion. The School of Infantry (SOI) currently houses 4,140 recruits, with projected peak loading of 5,400 recruits. Since there are no overflow billeting spaces available, a new student barracks is essential to support the increased throughput graduating from the MCRDs in San Diego, CA and Parris Island, SC.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Base will continue to have a deficiency in recruit barracks. The School will be unable to receive graduating recruits directly from the MCRDs, and will instead be required to divert a greater number of graduating recruits to recruiting duty, leave and guard duty. This diversion will weaken the esprit de corps established and other training gains made at the recruit training command.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009																								
3. Installation(SA)& Location/UIC: M00681(AJ) MARINE CORPS BASE CAMP PENDLETON (INFTRY SCHOOL AREA(52)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks, School of Infantry																									
5. Program Element 0216496M	6. Category Code 72115	7. Project Number P1069	8. Project Cost (\$000) 53,320																									
<p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 07/2008</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete 01/2009</p> <p>(C) Date design completed 07/2009</p> <p>(D) Percent completed as of September 2008 15%</p> <p>(E) Percent completed as of January 2009 35%</p> <p>(F) Type of design contract Design Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy Study/Life Cycle Analysis performed Yes</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design No</p> <p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications \$101</p> <p>(B) All other design costs \$507</p> <p>(C) Total \$608</p> <p>(D) Contract \$507</p> <p>(E) In-house \$101</p> <p>4. Contract award: 11/2009</p> <p>5. Construction start: 03/2010</p> <p>6. Construction complete: 03/2012</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th><u>Cost (\$000)</u></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>PMC</td> <td>2011</td> <td>14,880</td> </tr> <tr> <td>C. FY 2008 R&amp;M Conducted (\$000):</td> <td></td> <td></td> <td>61,443</td> </tr> <tr> <td>D. FY 2009 R&amp;M Conducted (\$000):</td> <td></td> <td></td> <td>47,878</td> </tr> <tr> <td>E. Future R&amp;M Requirements (\$000):</td> <td></td> <td></td> <td>233,300</td> </tr> </tbody> </table> <p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Activity POC: LT ARTEMIO TREVINO Phone No: 760-725-6026</p>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>	<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>		Collateral Equipment	PMC	2011	14,880	C. FY 2008 R&M Conducted (\$000):			61,443	D. FY 2009 R&M Conducted (\$000):			47,878	E. Future R&M Requirements (\$000):			233,300
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>																									
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>																										
Collateral Equipment	PMC	2011	14,880																									
C. FY 2008 R&M Conducted (\$000):			61,443																									
D. FY 2009 R&M Conducted (\$000):			47,878																									
E. Future R&M Requirements (\$000):			233,300																									

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AE) MARINE CORPS BASE CAMP PENDLETON (CHAPPO AREA (22/24)) CAMP PENDLETON, CALIFORNIA			4. Project Title Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1084	8. Project Cost (\$000) 32,300	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ENLISTED DINING FACILITY (31,194 SF)	m2	2,898		19,180
ENLISTED DINING FACILITY (31,194 SF)	m2	2,898	4,190.27	(12,140)
ANTI-TERRORISM/FORCE PROTECTION	LS			(120)
LEED AND EPACT 2005 COMPLIANCE	LS			(380)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(300)
BUILT-IN EQUIPMENT	LS			(530)
SPECIAL COSTS	LS			(5,120)
INFORMATION SYSTEMS	LS			(590)
SUPPORTING FACILITIES				8,910
SPECIAL CONSTRUCTION FEATURES	LS			(230)
SPECIAL FOUNDATION FEATURES	LS			(1,090)
ELECTRICAL UTILITIES	LS			(990)
MECHANICAL UTILITIES	LS			(390)
PAVING AND SITE IMPROVEMENTS	LS			(1,250)
SITE PREPARATIONS	LS			(310)
DEMOLITION	LS			(1,520)
ENVIRONMENTAL MITIGATION	LS			(1,030)
ANTI-TERRORISM/FORCE PROTECTION	LS			(2,070)
OUTSIDE COMMUNICATION LINES	LS			(30)
SUBTOTAL				28,090
CONTINGENCY (5%)				1,400
TOTAL CONTRACT COST				29,490
SIOH (5.7%)				1,680
SUBTOTAL				31,170
DESIGN/BUILD - DESIGN COST				1,120
TOTAL REQUEST ROUNDED				32,290
TOTAL REQUEST				32,300
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,496)

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AE) MARINE CORPS BASE CAMP PENDLETON (CHAPPO AREA (22/24)) CAMP PENDLETON, CALIFORNIA			4. Project Title Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1084	8. Project Cost (\$000) 32,300	
<p><b>10. Description of Proposed Construction:</b></p> <p>Primary Facility: This project constructs a single-story dining facility including mess decks, galley, scullery, administrative offices with Navy Marine Corps Intranet (NMCI) drops, chill boxes and freezers, storage, heads and mechanical room. The project provides a reinforced concrete masonry unit building with seismic upgrades, concrete pilings, spread beam foundation and a standing seam metal roof. The project provides for electrical and mechanical systems including fire alarm and fire monitoring/control panels, information systems, Energy Management Control Systems (EMCS), direct digital controls, plumbing, fire protection systems and heating and ventilation systems. The project provides construction designed in compliance with current seismic requirements. The public area of the project must comply with Americans with Disabilities Act regulations. Project also includes operation and maintenance support information, post construction contract award services and built-in equipment for fixed kitchen equipment/serving line and emergency generator. Information systems include wiring for Local Area Network (LAN), fiber optics, telephone, public address systems, cable television, and intrusion detection system. The project provides for design for Anti-Terrorism Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window and door frames and emergency lighting and signage). Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005. The project provides for special costs for photovoltaic cells, temporary facilities, architectural building styles and architectural roof features.</p> <p>Supporting Facilities: The project provides for special construction features for low impact design. Special foundation features provide for a pile foundation. Electrical systems include communications, electrical distribution, exterior lighting, unit substation, transformer and common bank-run sand/soil fill. Mechanical systems include water utilities, sanitary sewer utilities, gas utilities, an EMCS and an equipment yard to house the emergency generator. The project provides for site improvements consisting of roadways, parking, sidewalks, landscaping and supporting facility leadership in energy environment and design features and stormwater drainage improvements. Site preparation includes excavation/grading, clearing and grubbing, borrow and site cleanup. Demolition includes Buildings 22186 and 22152 and overhead utilities. The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton and additional AT/FP features (security gates and bollards). The project provides for outside</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AE) MARINE CORPS BASE CAMP PENDLETON (CHAPPO AREA (22/24)) CAMP PENDLETON, CALIFORNIA			4. Project Title Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1084	8. Project Cost (\$000) 32,300	
communication lines for telephones, fiber optics and LAN.				
<b>11. Requirement:</b> <u>2,898 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> Construct a new dining facility at Chappo (22 Area). The dining facility supports 2,294 personnel to support the Grow The Force increased end strength. Demolish the existing substandard dining facility and CLR-15 command post. <b>(Current Mission)</b> <b>REQUIREMENT:</b> Adequate dining facilities are required to support personnel assigned to Chappo (22 Area). Chappo supports the permanent party trainees from the adjacent Marine Corps Air Station Camp Pendleton and the Combat Logistics Regiment 15 (CLR-15) permanent party personnel. This project is required to support the Grow the Force increased end-strength. <b>CURRENT SITUATION:</b> Because of the Grow the Force end-strength increases, the training throughput at Chappo area is scheduled to double, the existing CLR-15 will increase and a new Combat Logistics Company (CLC) will be located in the area. Training is estimated to total 400 persons, CLR-15 is estimated to grow up to 218 persons and the new CLC is estimated to total 218 persons.  The existing dining facility (Building 22186) at Chappo (22 Area) supports 1,733 persons. The requirement, including the Grow the Force increases will be 2,294 persons. The facility was built in 1952, and is old and deteriorating. The existing dining facility does not meet current code requirements for seismic, fire protection, energy efficiency or food handling, serving and dining operations. The mechanical systems malfunction frequently. The design of the existing dining facility is inadequate to support the mission. The industry meal preparation now places greater emphasis on prepared items requiring a different kitchen and storage configuration compared to the way the mess hall was originally constructed. The existing facility also does not comply with AT/FP standards for a primary gathering facility. <b>IMPACT IF NOT PROVIDED:</b> Failure to provide essential facilities, such as dining facilities, will result in a shortage of facilities as Marines arrive at their assigned installations. The increase in personnel served at Chappo Area is estimated at 561 PN, the new requirement for dining facilities totals 2,294 PN. The construction of a new dining facility is necessary to meet the dining needs of the trainees				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AE) MARINE CORPS BASE CAMP PENDLETON (CHAPPO AREA (22/24)) CAMP PENDLETON, CALIFORNIA			4. Project Title Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1084	8. Project Cost (\$000) 32,300	
and the permanent party at Chappo. The existing facility cannot adequately feed these recruits and permanent party personnel due to its age, design, condition and size.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$548
(B) All other design costs				\$274
(C) Total				\$822
(D) Contract				\$274
(E) In-house				\$548
4. Contract award:				12/2009
5. Construction start:				03/2010
6. Construction complete:				12/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	2,496
C. FY 2008 R&M Conducted (\$000):				15,645
D. FY 2009 R&M Conducted (\$000):				17,202
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AE) MARINE CORPS BASE CAMP PENDLETON (CHAPPO AREA (22/24)) CAMP PENDLETON, CALIFORNIA		4. Project Title Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1084	8. Project Cost (\$000) 32,300
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks - Field/K-Span	
5. Program Element 0216496M	6. Category Code 72510	7. Project Number P1086	8. Project Cost (\$000) 23,200	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RECRUIT BARRACKS - FIELD/K-SPAN (107,510 SF)	m2	9,988		15,090
FIELD BARRACKS (107,510 SF)	m2	9,988	1,335.62	(13,340)
ANTI-TERRORISM/FORCE PROTECTION	LS			(340)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(210)
BUILT-IN EQUIPMENT	LS			(150)
SPECIAL COSTS	LS			(1,050)
SUPPORTING FACILITIES				5,080
SPECIAL CONSTRUCTION FEATURES	LS			(800)
SPECIAL FOUNDATION FEATURES	LS			(580)
ELECTRICAL UTILITIES	LS			(670)
MECHANICAL UTILITIES	LS			(990)
PAVING AND SITE IMPROVEMENTS	LS			(1,150)
SITE PREPARATIONS	LS			(710)
ENVIRONMENTAL MITIGATION	LS			(170)
OUTSIDE COMMUNICATION LINES	LS			(10)
SUBTOTAL				20,170
CONTINGENCY (5%)				1,010
TOTAL CONTRACT COST				21,180
SIOH (5.7%)				1,210
SUBTOTAL				22,390
DESIGN/BUILD - DESIGN COST				810
TOTAL REQUEST ROUNDED				23,200
TOTAL REQUEST				23,200
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(237)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: This project constructs billeting in the bivouac areas of Ranges 501 and 505. Project provides 24 units of recruit barracks at each range. The project constructs permanent structures with a reinforced concrete foundation and roll up doors at each end for ventilation. Project also provides a drill instructor facility in Ranges 501 and 505 consisting of metal structures with reinforced concrete foundations. The drill</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks - Field/K-Span	
5. Program Element 0216496M	6. Category Code 72510	7. Project Number P1086	8. Project Cost (\$000) 23,200	
<p>instructor huts provide toilet facilities. The project provides construction designed in compliance with current seismic requirements. The project provides for electrical systems (fire alarms and monitor/control panels) and mechanical systems (fire protection systems and plumbing in the drill instructor facilities). Project also includes operation and maintenance support information, post construction contract award services and built-in equipment consisting of an emergency generator at each site. The project provides for design of Anti-Terrorism Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window and door frames and emergency lighting and signage). The project provides special costs for photovoltaic cells.</p> <p>Supporting Facilities: The project provides special construction features for low impact design. Electrical systems include electrical distribution, exterior lighting, transformer and common bank-run sand/soil fill. Mechanical systems include water utilities, sanitary sewer utilities and an equipment yard to house the emergency generator. The project provides for site improvements for concrete pads and supporting facility Energy Policy Act leadership in energy environment and design features including stormwater drainage improvements. Site preparation includes excavation/grading, clearing and grubbing, borrow and site cleanup. The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton. The project provides outside communication lines for telephones, fiber optics, and Local Area Network (LAN).</p>				
<b>11. Requirement:</b> <u>9,988 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project constructs billeting in the bivouac areas of Ranges 501 and 505. Project provides 24 units of recruit barracks in each range. The project constructs permanent structures with a reinforced concrete foundation. Project also provides a drill instructor facility in Ranges 501 and 505. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Adequate field billeting is required to support personnel at Edson Range. Permanent billeting in the bivouac areas of Ranges 501 and 505 are required to support Weapons and Field Training Battalion (WFTBn) and crucible week training. Billeting supports Grow the Force increased end-strength.				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks - Field/K-Span	
5. Program Element 0216496M	6. Category Code 72510	7. Project Number P1086	8. Project Cost (\$000) 23,200	
<p>Camp Pendleton is required to train approximately 20,000 recruits from Marine Corps Recruit Depot, San Diego, each year, an increase of 3,000 recruits, to support the Grow the Force increased end-strength.</p> <p><b>CURRENT SITUATION:</b></p> <p>The recruit barracks aboard Edson Range can house 728 recruits with 8 bays of 91 recruits each. The Grow the Force increase in end-strength will cause recruit companies to exceed the 728 man capacity.</p> <p>The existing bivouac areas in Range 501 and 505 do not have any lighting. The lack of lighting impedes the instructor cadre by not providing a place to conduct hygiene inspections at night. This can create medical concerns for recruits. Furthermore, recruits do not have an area to clean and inspect their weapons at night, increasing maintenance costs due to lost and broken weapons parts.</p> <p>In addition, the existing sites do not have proper stormwater run-offs causing drainage problems. Currently, recruits entrench around their tents in order to keep their shelters from filling with water during inclement weather which pose stormwater and environmental concerns.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide essential facilities, like adequate billeting, will result in fewer trained recruits and fewer qualified Marines. Recruit companies housed aboard Edson Range will increase beyond the current 728 man billeting capacity. Permanent field billeting at Ranges 501 and 505 benefits the unit and its training regimen by eliminating the field billeting problem, by providing lighted spaces for inspections and gear maintenance, and improving drainage problems in the areas.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009																																		
3. Installation(SA)& Location/UIC: M00681(AF) MARINE CORPS BASE CAMP PENDLETON (EDSON RANGE AREA (31A)) CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Barracks - Field/K-Span																																			
5. Program Element 0216496M	6. Category Code 72510	7. Project Number P1086	8. Project Cost (\$000) 23,200																																			
<p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$441</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$220</td> </tr> <tr> <td>(C) Total</td> <td>\$661</td> </tr> <tr> <td>(D) Contract</td> <td>\$220</td> </tr> <tr> <td>(E) In-house</td> <td>\$441</td> </tr> </table> <p>4. Contract award: 11/2009</p> <p>5. Construction start: 02/2010</p> <p>6. Construction complete: 11/2011</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>O&amp;MMC</td> <td>2011</td> <td>237</td> </tr> <tr> <td>C. FY 2008 R&amp;M Conducted (\$000):</td> <td></td> <td></td> <td>61,443</td> </tr> <tr> <td>D. FY 2009 R&amp;M Conducted (\$000):</td> <td></td> <td></td> <td>47,878</td> </tr> <tr> <td>E. Future R&amp;M Requirements (\$000):</td> <td></td> <td></td> <td>233,300</td> </tr> </tbody> </table> <p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Activity POC: Lt. Artemio Trevino                      Phone No: 760-725-6026</p>					(A) Production of plans and specifications	\$441	(B) All other design costs	\$220	(C) Total	\$661	(D) Contract	\$220	(E) In-house	\$441	<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	Collateral Equipment	O&MMC	2011	237	C. FY 2008 R&M Conducted (\$000):			61,443	D. FY 2009 R&M Conducted (\$000):			47,878	E. Future R&M Requirements (\$000):			233,300
(A) Production of plans and specifications	\$441																																					
(B) All other design costs	\$220																																					
(C) Total	\$661																																					
(D) Contract	\$220																																					
(E) In-house	\$441																																					
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																																				
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																																			
Collateral Equipment	O&MMC	2011	237																																			
C. FY 2008 R&M Conducted (\$000):			61,443																																			
D. FY 2009 R&M Conducted (\$000):			47,878																																			
E. Future R&M Requirements (\$000):			233,300																																			

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Communications Upgrades	
5. Program Element 0206496M	6. Category Code 13510	7. Project Number P1093	8. Project Cost (\$000) 79,492	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
COMMUNICATIONS UPGRADES (290,203 LF)	m	88,454		65,180
COMMUNICATIONS POLE MOUNTED (93,615 LF)	m	28,534	123.86	(3,530)
COMMUNICATIONS UNDERGROUND (196,588 LF)	m	59,920	992.73	(59,480)
LEED AND EPACT 2005 COMPLIANCE	LS			(620)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(730)
SPECIAL COSTS	LS			(820)
SUPPORTING FACILITIES				3,940
PAVING AND SITE IMPROVEMENTS	LS			(60)
SITE PREPARATIONS	LS			(1,690)
ENVIRONMENTAL MITIGATION	LS			(2,190)
SUBTOTAL				69,120
CONTINGENCY (5%)				3,460
TOTAL CONTRACT COST				72,580
SIOH (5.7%)				4,140
SUBTOTAL				76,720
DESIGN/BUILD - DESIGN COST				2,760
TOTAL REQUEST ROUNDED				79,480
TOTAL REQUEST				79,492
EQUIPMENT FROM OTHER				(4,500)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Project provides both inter camp and intra camp Fiber Optic (FO) cable and telephone cable connectivity in support of the Grow the Force initiative. The inter camp distribution will be a combination of overhead and underground FO and copper lines. Overhead lines will be installed on poles and the underground will be within concrete encased conduits with manholes, concrete communications vaults and environmentally controlled vaults. All intra camp distribution will be underground in concrete encased conduits and manholes. The project provides for operation and maintenance support information and post construction contract award services. Sustainable design features will be included in the design, development, and construction of the communication upgrades in accordance</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Communications Upgrades	
5. Program Element 0206496M	6. Category Code 13510	7. Project Number P1093	8. Project Cost (\$000) 79,492	
<p>with the Energy Policy Act 2005.</p> <p>Supporting Facilities: The project provides mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton.</p>				
<p><b>11. Requirement:</b> <u>88,454 m</u>    <b>Adequate:</b> <u>0 m</u>    <b>Substandard:</b> <u>0 m</u></p> <p><b>PROJECT:</b></p> <p>The project constructs an inter and intra camp communications network of sufficient bandwidth to allow for the training of the new Marines of the Grow the Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate bandwidth and telephone service is required at Camp Pendleton to fulfill its mission. The Grow the Force end strength initiative increases demand for both bandwidth and telephone service at Camp Pendleton.</p> <p><b>CURRENT SITUATION:</b></p> <p>Much of the Camp Pendleton intercamp communications was installed in the 1990s. The existing intercamp communication system does not have sufficient bandwidth or telephone pairs to meet the requirements today. The intercamp communications lines do not have any redundancy built into the system. Along the communications lines from Las Pulgas north, the potential exists for a single point failure which would interrupt training for the entire base north of Las Pulgas. The existing FO cable system is predominately served by 12 strands that have reached bandwidth saturation. The telephone system is also susceptible to single point failure. Additionally both systems are negatively impacted by the minimal protection provided as a result of direct buried installation vs. ductbank installation.</p> <p>Much of the Camp Pendleton intracamp communications systems are constructed in a ductbank system. The ductbank system consists of a series of concrete encased conduits and manholes, where the splices to provide both the FO cable and telephone cable to individual buildings exist. At the time the systems were installed, the cables were sized for the existing number of buildings. As a result of the growing infrastructure on Camp Pendleton, the intracamp systems will have both an insufficient number of open conduits available to pull new communications cables and an insufficient number of FO strands and telephone cable pairs to sustain the requirements of the Grow the Force initiative.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Communications Upgrades	
5. Program Element 0206496M	6. Category Code 13510	7. Project Number P1093	8. Project Cost (\$000) 79,492	
The existing communication systems cannot support the growth required for Grow the Force increases in personnel end strength and related new development. Requirements for "real-time" training can not be met. If upgrades to the existing communications system are not provided, Camp Pendleton will not be able to provide the training necessary to meet these requirements.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$972
(B) All other design costs				\$480
(C) Total				\$1,452
(D) Contract				\$480
(E) In-house				\$972
4. Contract award:				11/2009
5. Construction start:				01/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Various FO and Telephone Systems EQ	PMC	2011	4,500	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Electrical Distribution System	
5. Program Element 0216496M	6. Category Code 81231	7. Project Number P1094	8. Project Cost (\$000) 76,950	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ELECTRICAL DISTRIBUTION SYSTEM	LS			62,750
12 KV UNDERGROUND DUCT BANKS	m	11,200	1,457.7	(16,330)
12 KV OVERHEAD POWER LINES	m	120,000	322.81	(38,740)
METERING PER AREA	EA	15	51,868	(780)
TESTING & COMMISSIONING	EA	1	518,681	(520)
HORIZONTAL BORING	m	1,600	2,740	(4,380)
ELECTRICAL EQUIPMENT BUILDING	m2	186	3,758	(700)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(620)
SPECIAL COSTS	LS			(680)
SUPPORTING FACILITIES				4,160
PAVING AND SITE IMPROVEMENTS	LS			(20)
DEMOLITION	LS			(730)
ENVIRONMENTAL MITIGATION	LS			(3,410)
SUBTOTAL				66,910
CONTINGENCY (5%)				3,350
TOTAL CONTRACT COST				70,260
SIOH (5.7%)				4,000
SUBTOTAL				74,260
DESIGN/BUILD - DESIGN COST				2,680
TOTAL REQUEST ROUNDED				76,940
TOTAL REQUEST				76,950
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Project replaces the existing 12 kV Electrical Distribution Systems currently fed from Haybarn substation on Camp Pendleton and the 4.16 kV subsystems fed from the, above stated, 12 kV distribution system. The project constructs a total of 8 new 12 kV circuits that provide approximately 60 percent of the electrical power for Camp Pendleton. The project provides replacement 12 kV circuits for the existing "A", "C", "E", "F", "G", and "H" circuits and provides new circuits for power to the 21 and 31 Areas. Existing "A" circuit provides power to the 11, 12, 13, 15 and 16 Areas of Camp Pendleton. Existing "C" circuit provides power to the 23, 25, 32 and 33 Areas. Existing "E" circuit provides power to the 20, 22 and 26 Areas and also provides power to the housing areas at Wire Mountain. The existing "F" circuit provides</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Electrical Distribution System	
5. Program Element 0216496M	6. Category Code 81231	7. Project Number P1094	8. Project Cost (\$000) 76,950	
<p>power to the 26 Area and the Naval Hospital. Existing "G" circuit provides power to the 14 and 15 Areas, O'Neil Housing, Camp Day and Range 409. Existing "H" circuit provides power to the 23 and 24 Areas.</p> <p>Project constructs a 186 m2 (2,000 SF) building to house the electrical equipment.</p> <p>The project provides for operations and maintenance support information and post construction contract award services.</p> <p>Supporting Facilities: The project provides for demolition of the abandoned 4kV conductor and mitigation for natural, cultural and environmental resources impacted by construction at Camp Pendleton.</p>				
<p><b>11. Requirement:</b></p> <p><b>PROJECT:</b></p> <p>Project constructs 8 new 12 kV circuits to replace 6 existing circuits and also provides a new circuit to the 21 (Del Mar) Area and 31 (Edson Range, Marine Corps Tactical Systems Support Activity and Assault Craft Unit-5) Area.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate electrical power is required at MCB Camp Pendleton to fulfill its mission. The Grow the Force end strength initiative increases demand for electricity at Camp Pendleton.</p> <p><b>CURRENT SITUATION:</b></p> <p>When the existing electrical distribution system circuits were constructed they provided reliability, redundancy and energy efficiency. The electrical conductors in the system were sized large enough to provide sufficient capacity on each circuit to allow any one circuit to carry the electrical loads of two circuits, providing a system redundancy. The oversized conductors also allow for a minimal line loss, maximizing the energy efficiency of the system.</p> <p>The 12 kV circuits are almost 40 years old now. The average life span for an overhead electrical distribution system is 25-30 years. As a result of the overall age of the system, the system is difficult to maintain and it is no longer reliable. The electrical excess capacity of the original system has been significantly reduced by new loads from facilities constructed over the past 40 years and the system redundancy no longer exists. As the electrical loads for each circuit increased the line losses</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681(AC) MARINE CORPS BASE CAMP PENDLETON (BASEWIDE MISC) CAMP PENDLETON, CALIFORNIA			4. Project Title Electrical Distribution System	
5. Program Element 0216496M	6. Category Code 81231	7. Project Number P1094	8. Project Cost (\$000) 76,950	
<p>which are a product of the current carried by the line and the resistance of the line have also increased, decreasing the overall energy efficiency of the system.</p> <p>The existing electrical distribution system circuits cannot provide reliable, redundant or efficient electrical service to support the increase in electrical demand from the personnel, training, and operations at Camp Pendleton from the Grow the Force initiative.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The existing electrical system cannot support the growth required for Grow the Force increases in personnel, end strength and related new development. If replacement of the existing electrical distribution system circuits is not provided, Camp Pendleton will experience electrical distribution system failure. The combination of the unreliability and lack of redundancy will continue to degrade the system, compromising personnel, training and operations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$144
(B) All other design costs				\$72
(C) Total				\$216
(D) Contract				\$215
(E) In-house				\$1
4. Contract award:				11/2009
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				



1. Component NAVY		FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009	
3. Installation(SA)& Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA				4. Project Title Operations Access Points		
5. Program Element 0206496M		6. Category Code 85110	7. Project Number P159A	8. Project Cost (\$000) 12,740		
<b>9. COST ESTIMATES</b>						
Item		UM	Quantity	Unit Cost	Cost(\$000)	
OPERATIONS ACCESS POINTS		EA	128		4,090	
ACCESS POINT		EA	128	30,507.49	(3,900)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(40)	
OPERATION & MAINTENANCE SUPP INFO (OMSI)		LS			(20)	
SPECIAL COSTS		LS			(130)	
SUPPORTING FACILITIES					7,390	
ELECTRICAL UTILITIES		LS			(20)	
PAVING AND SITE IMPROVEMENTS		LS			(2,040)	
SITE PREPARATIONS		LS			(410)	
ENVIRONMENTAL MITIGATION		LS			(4,830)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(90)	
SUBTOTAL					11,480	
CONTINGENCY (5%)					570	
TOTAL CONTRACT COST					12,050	
SIOH (5.7%)					690	
SUBTOTAL					12,740	
TOTAL REQUEST ROUNDED					12,740	
TOTAL REQUEST					12,740	
<b>10. Description of Proposed Construction:</b>						
<p>Primary Facilities: This project will realign existing El Camino Real and Beach Club Roads to the south, creating enough space to widen existing beach access roads. El Camino Real will be realigned to the south between the bent and south abutment of the I-5 bridges. Beach Club Road will be realigned to the south within the current footprint of El Camino Real.</p> <p>Supporting Facilities: Paving and site improvements include paved roadways and storm water drainage improvements. Site preparations include excavation and grading. Environmental mitigation, both temporary and permanent, includes riparian zone, tidewater goby, wetlands, and archeological mitigation. This project includes archeological monitoring, mitigation, investigation and discovery in accordance with the Native American Graves Protection and Repatriation Act. AT/FP costs include security fences, barriers, and gates.</p>						

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Operations Access Points	
5. Program Element 0206496M	6. Category Code 85110	7. Project Number P159A	8. Project Cost (\$000) 12,740	
<b>11. Requirement:</b> <u>128 EA</u> <b>Adequate:</b> <u>0 EA</u> <b>Substandard:</b> <u>0 EA</u> <b>PROJECT:</b> Upgrades and improves access between amphibious landing training beaches and inland training areas for large, tactical vehicles. <b>(Current Mission)</b> <b>REQUIREMENT:</b> Camp Pendleton is the only Marine Corps Base on the West Coast where amphibious training operations occur, and is the nexus and entry point for expeditionary operations involving both USMC and Naval elements throughout the western range and training area complex. Camp Pendleton's beaches, land formations, and air space provide an optimal environment to train Marines. Optimal training replicates as closely as possible the conditions that might be encountered in a real-world operational context.  The Navy and the Marine Corps have in recent years put into service larger, heavier tactical vehicles. These new/modified vehicles are either too large, too heavy, or both, to efficiently use the existing tunnels on the beach-inland corridors. <b>CURRENT SITUATION:</b> Camp Pendleton has 17 miles of sandy beach on the Pacific Ocean, yet various restrictions and competing land uses severely limit the availability of beach for Marine amphibious training. The result is that less than one mile, or 6 percent, of Camp Pendleton beach is currently usable for major amphibious landing training. The existing access corridors (Blue, White, Red and Green beaches) are the only operational corridors available for moving past civilian north/south transportation corridors on the way to inland training objectives. Routes from training beaches to inland training areas are restricted horizontally and/or vertically at existing north/south transportation infrastructure including Interstate Highway 5(I-5) and the North County Transit District (NCTD) railroad, which parallel the entire 17-mile stretch of training beaches. These restrictions diminish the realism of amphibious training operations, as the larger vehicles cannot directly participate in the flow from the sea to the inland objective.  Amphibious training operations are currently paused for an administrative training vehicle move and are then re-started after the vehicle has been hauled around the inadequate corridor of passage. Such "workarounds" are costly, do not provide high training value, and are increasingly difficult to schedule and implement. A recent study indicated that at the conclusion of a national final graduation exercise for a Marine Expeditionary Unit				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Operations Access Points	
5. Program Element 0206496M	6. Category Code 85110	7. Project Number P159A	8. Project Cost (\$000) 12,740	
<p>(MEU) prior to overseas deployment, a point at which training readiness should be at maximum, completion was more than 30 percent below Marine Corps standards.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Operational forces will not be optimally trained. Use of the Base's amphibious training environment will continue to decline as training corridor restrictions drive the same administrative moves from the beaches to interior training areas. Such training scenarios with recurring and predictable delays caused by the required administrative moves are unproductive and prolong the time required to complete the intended training operation. Training readiness, currently as much as 30 percent below Marine Corps standards, will not improve.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				10/2008
(B) Date 35% Design or Parametric Cost Estimate complete				10/2009
(C) Date design completed				01/2010
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$750
(B) All other design costs				\$100
(C) Total				\$850
(D) Contract				\$750
(E) In-house				\$100
4. Contract award:				03/2010
5. Construction start:				04/2010
6. Construction complete:				04/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Operations Access Points	
5. Program Element 0206496M	6. Category Code 85110	7. Project Number P159A	8. Project Cost (\$000) 12,740	
recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Kirk Nelson			Phone No: 760-725-6027	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Marksmanship Training Facility	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P610	8. Project Cost (\$000) 13,730	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RECRUIT MARKSMANSHIP TRAINING FACILITY (24,951 SF)	m2	2,318		8,630
APPLIED INSTRUCTION BUILDING (20,150 SF)	m2	1,872	3,038.49	(5,690)
ADMINISTRATIVE FACILITIES (4,801 SF)	m2	446	3,383.19	(1,510)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
LEED AND EPACT 2005 COMPLIANCE	LS			(220)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(120)
BUILT-IN EQUIPMENT	LS			(170)
SPECIAL COSTS	LS			(370)
INFORMATION SYSTEMS	LS			(480)
SUPPORTING FACILITIES				3,310
SPECIAL CONSTRUCTION FEATURES	LS			(180)
SPECIAL FOUNDATION FEATURES	LS			(120)
ELECTRICAL UTILITIES	LS			(600)
MECHANICAL UTILITIES	LS			(480)
PAVING AND SITE IMPROVEMENTS	LS			(1,430)
SITE PREPARATIONS	LS			(180)
ENVIRONMENTAL MITIGATION	LS			(210)
ANTI-TERRORISM/FORCE PROTECTION	LS			(90)
OUTSIDE COMMUNICATION LINES	LS			(20)
SUBTOTAL				11,940
CONTINGENCY (5%)				600
TOTAL CONTRACT COST				12,540
SIOH (5.7%)				710
SUBTOTAL				13,250
DESIGN/BUILD - DESIGN COST				480
TOTAL REQUEST ROUNDED				13,730
TOTAL REQUEST				13,730
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(742)

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Marksmanship Training Facility	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P610	8. Project Cost (\$000) 13,730	
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a single story Recruit Marksmanship Training Facility (RMTF) including applied instruction space. Construction to include: integral-colored masonry exterior with reinforced concrete spread footings and slab on grade; factory finished, standing seam metal roof over steel framing; steel doors and frames; gypsum board over metal stud interior partitions; energy-efficient lighting and heating ventilation and air conditioning systems. Includes space for range company administrative offices, general storage space, modified classrooms, toilet/shower/locker rooms for male and female personnel, 12 Indoor Simulated Marksmanship Trainer (ISMT) rooms and telephone and Local Area Network (LAN) room. Project also includes operation and maintenance support information and post construction contract award services. Built-in equipment includes emergency generator and locker storage area. Information systems include wiring for LAN, fiber optics, telephone, public address systems, cable television, and intrusion detection system. Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005. The project provides for Anti-terrorism Force Protection (AT/FP) features (such as mass notification systems, emergency shut-offs for ventilation systems, laminated windows, blast resistant window/door frames, and emergency lighting/signage). The project provides for special costs for architectural building style, architectural roof features, building height features, AC/special ventilation requirements, and communications/electrical floor trenches.</p> <p>Supporting Facilities: The project provides for special construction features for low impact design. Special foundation features provide for structural fill and finely-graded sand. Site work includes minor grading work, concrete pads and sidewalks, security fence, masonry low wall, gates, bollard protection, night light poles, landscaping with automatic irrigation. Also included is the extension of the existing street, curbs, gutters, storm sewer system, paved parking, underground utility connections for electrical and telephone services, unit substation, transformer, the relocation of existing sanitary sewer line, energy monitoring control system and incidental related site work. The project provides mitigation for natural, cultural and environmental resources (toad fence and biological monitoring/reporting) impacted by construction at Camp Pendleton. The project provides for outside communication lines for telephones, fiber optics, and LAN.</p>				
<b>11. Requirement:</b> <u>2,318 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009																
3. Installation(SA)& Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Marksmanship Training Facility																	
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P610	8. Project Cost (\$000) 13,730																	
<p><b>PROJECT:</b></p> <p>Construct a new RMTF consisting of twelve ISMT spaces; administrative spaces for range company, academic instruction section, and marksmanship training unit; general storage space; modified academic classroom; toilet/shower/locker room; and mechanical, telephone and LAN room.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The facility is required to support the consolidation of all marksmanship training functions, the integration of marksmanship resources and personnel in order to enhance overall marksmanship development and to provide state of the art training aids/feedback for over 18,000 recruits annually.</p> <p><b>CURRENT SITUATION:</b></p> <p>The existing ISMT is located in Building 31851, a concrete warehouse constructed in 1963. It houses 24 cramped rifle and 4 pistol firing lanes and is the sole source for simulated marksmanship for the 18,500 recruits, 1,500 permanent personnel and 200 coaches course students annually. The power requirements for just the seven separate systems call for a power demand above what can be provided within the building. Consequently, power failures due to sustained maximum use commonly trip breakers and cause delays. Climate control for Building 31851 is nonexistent. Without proper climate control, the ISMT fails due to high ambient temperatures.</p> <p>Currently, due to capacity issues at the existing facility, training modes are limited and through-put is adversely affected. Marksmanship training levels cannot be adjusted, limiting the range of training able to be programmed at any given time.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If the RMTF is not provided, recruits will continue to train in archaic facilities. Every level of training will be located at disparate locations throughout the camp, making it difficult to share materials, equipment and ideas that would allow for standardize training.</p>																				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table border="0"> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>07/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>06/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	07/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	06/2009	(D) Percent completed as of September 2008	15%	(E) Percent completed as of January 2009	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes
(A) Date design or Parametric Cost Estimate started	07/2008																			
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009																			
(C) Date design completed	06/2009																			
(D) Percent completed as of September 2008	15%																			
(E) Percent completed as of January 2009	35%																			
(F) Type of design contract	Design Build																			
(G) Parametric Estimate used to develop cost	Yes																			
(H) Energy Study/Life Cycle Analysis performed	Yes																			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009																								
3. Installation(SA)& Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Recruit Marksmanship Training Facility																									
5. Program Element 0216496M	6. Category Code 17120	7. Project Number P610	8. Project Cost (\$000) 13,730																									
<p>2. Basis:</p> <p>(A) Standard or Definitive Design No</p> <p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications \$280</p> <p>(B) All other design costs \$140</p> <p>(C) Total \$420</p> <p>(D) Contract \$140</p> <p>(E) In-house \$280</p> <p>4. Contract award: 11/2009</p> <p>5. Construction start: 01/2010</p> <p>6. Construction complete: 06/2011</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>AUDIO VISUAL</td> <td>O&amp;MMC</td> <td>2011</td> <td>100</td> </tr> <tr> <td>FURNITURE</td> <td>PMC</td> <td>2011</td> <td>292</td> </tr> <tr> <td>HARDWARE AND SOFTWARE</td> <td>O&amp;MMC</td> <td>2011</td> <td>200</td> </tr> <tr> <td>TELECOMMUNICATIONS</td> <td>O&amp;MMC</td> <td>2011</td> <td>150</td> </tr> </tbody> </table> <p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Activity POC: M. A. Alvarez Phone No: 760-725-6046</p>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	AUDIO VISUAL	O&MMC	2011	100	FURNITURE	PMC	2011	292	HARDWARE AND SOFTWARE	O&MMC	2011	200	TELECOMMUNICATIONS	O&MMC	2011	150
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																										
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																									
AUDIO VISUAL	O&MMC	2011	100																									
FURNITURE	PMC	2011	292																									
HARDWARE AND SOFTWARE	O&MMC	2011	200																									
TELECOMMUNICATIONS	O&MMC	2011	150																									

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: N47609 NAWS CHINA LAKE CHINA LAKE, CALIFORNIA				4. Command Commander Navy Installations Command		5. Area Const Cost Index 1.3					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		104	624	2793	0	0	0	110	130	0	3761
B. End FY 2013		130	504	2793	0	0	0	125	170	0	3722
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(606933 Acres)											
B. INVENTORY AS OF 30 SEP 2008 ..... 2,657,227											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 12,230											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 3,007											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 0											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 11,955											
G. REMAINING DEFICIENCY ..... 231,171											
H. <b>GRAND TOTAL</b> ..... <b>2,915,590</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
12110	F-35 Edwards Ramp Extension	05/2008	09/2009		14150 m2	3,007					
						TOTAL	3,007				
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
14170 Air Traffic Control Tower ..... 11,955											
						TOTAL	11,955				
C. R&M Unfunded Requirement (\$000): 635,445											
10. Mission or Major Functions:											
Principal Navy Research Development Test and Evaluation center for air warfare and missile weapons systems. Maintains the primary in-house research and development capability for systems, subsystems and technologies included but not limited to strike aircraft/weapons systems and concept development; air launched weapons and associated avionics systems including aircraft guns and ammunition, guided and unguided weapons, aircraft weapons control and aircraft/weapons interface, tactical missiles; subsystems for weapons systems which include propulsion, guidance and control, warheads, fuel and launchers, strike warfare countermeasures, weather modification, and parachute test and evaluation.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*): 0											
B. Occupational Safety and Health(OSH)(#): 0											

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N47609 NAWS CHINA LAKE CHINA LAKE, CALIFORNIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.3

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N47609 NAWS CHINA LAKE CHINA LAKE, CALIFORNIA			4. Project Title F-35 Edwards Ramp Extension	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P908F	8. Project Cost (\$000) 3,007	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 EDWARDS RAMP EXTENSION (152,309 SF)	m2	14,150		2,550
AIRCRAFT PARKING APRON (129,167 SF)	m2	12,000	192	(2,300)
ASPHALT SHOULDER (23,142 SF)	m2	2,150	115	(250)
SUPPORTING FACILITIES				150
ANTI-TERRORISM/FORCE PROTECTION	LS			(150)
SUBTOTAL				2,700
CONTINGENCY (5%)				140
TOTAL CONTRACT COST				2,840
SIOH (5.7%)				160
SUBTOTAL				3,000
TOTAL REQUEST ROUNDED				3,000
TOTAL REQUEST				3,007
<b>10. Description of Proposed Construction:</b>				
<p>Construct a reinforced concrete aircraft parking apron expansion and extend security fencing to support operational testing of the F-35. The parking apron will include grounding points, tie-downs, standard airfield markings and asphalt shoulder.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>14,150 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
F-35 Apron and Security Upgrades.				
<b>(New Mission)</b>				
<b>REQUIREMENT:</b>				
Construct apron extension and security upgrade in support of the F-35 Combined Operational Test & Evaluation (COT&E) flight test program. The aircraft parking apron needs to be extended to accommodate the COT&E aircraft, allowing them to taxi and be parked within the required safety and security zones. The space is also required to perform maintenance in an operational environment. This project is required prior to the arrival of the F-35 aircraft, because security requirements will not allow for any				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009	
3. Installation(SA)& Location/UIC: N47609 NAWS CHINA LAKE CHINA LAKE, CALIFORNIA				4. Project Title F-35 Edwards Ramp Extension		
5. Program Element 0212176N		6. Category Code 12110	7. Project Number P908F	8. Project Cost (\$000) 3,007		
<p>construction in the vicinity of the aircraft once they arrive at Edwards AFB. The F-35 Test and Evaluation Master Plan requires six UASF/Conventional Take Off and Landing, six USMC/Short Take Off and Vertical Landing (STOVL), six USN/carrier capable, and two UK/STOVL aircraft, for a total of 20 aircraft assigned.</p> <p><b>CURRENT SITUATION:</b></p> <p>The current F-35 Integrated Test Force (ITF) aircraft apron footprint will only safely accommodate 12 aircraft. The limited apron and hangar space currently available at the COT&amp;E facilities will necessitate the continual re-positioning of more than one aircraft to support a sortie launch. Limited turning radius and clearance between structures will increase the possibility and risk of an incident or accident while re-positioning aircraft. Continual repositioning of F-35 aircraft on the apron makes it difficult to adequately measure the supportability/maintainability of the aircraft in an operationally representative environment.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If the additional ramp space is not provided, the ITF will be unable to meet the COT&amp;E requirement to park and test the F-35 aircraft in an operational and secure environment. Additional manhours will be required to tow each aircraft to and from an area in which they can safely run-up/shut down. This will require additional security for the aircraft during towing. Failure to provide adequate ramp space not only precludes adequate safety and security of the F-35 aircraft, it also adversely impacts the COT&amp;E ability to execute flight testing of the F-35.</p>						
<b>12. Supplemental Data:</b>						
A. Estimated Design Data:						
1. Status:						
(A) Date design or Parametric Cost Estimate started						05/2008
(B) Date 35% Design or Parametric Cost Estimate complete						09/2008
(C) Date design completed						09/2009
(D) Percent completed as of September 2008						35%
(E) Percent completed as of January 2009						50%
(F) Type of design contract						Design Bid Build
(G) Parametric Estimate used to develop cost						Yes
(H) Energy Study/Life Cycle Analysis performed						Yes
2. Basis:						
(A) Standard or Definitive Design						No
(B) Where design was previously used						
3. Total Cost (C) = (A) + (B) = (D) + (E):						
(A) Production of plans and specifications						\$
(B) All other design costs						\$155
(C) Total						\$155

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N47609 NAWS CHINA LAKE CHINA LAKE, CALIFORNIA			4. Project Title F-35 Edwards Ramp Extension	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P908F	8. Project Cost (\$000) 3,007	
(D) Contract				\$0
(E) In-house				\$155
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				01/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.				
Activity POC: James E. Judkins			Phone No: (661) 277-2910	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N47609 NAWS CHINA LAKE CHINA LAKE, CALIFORNIA		4. Project Title F-35 Edwards Ramp Extension	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P908F	8. Project Cost (\$000) 3,007
<p><b>Blank Page</b></p>			

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009			
3. Installation and Location: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.11				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09-30-08		80	427	498	52	24133	0	118	698	63
B. End FY 2013		80	427	498	52	24133	0	118	698	63
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(505 Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										694,658
C. AUTHORIZATION NOT YET IN INVENTORY .....										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										23,590
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										22,200
G. REMAINING DEFICIENCY .....										31,941
<b>H. GRAND TOTAL .....</b>										<b>772,389</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Scope</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>							<u>(\$000)</u>
72210	Messhall Expansion	07/2008	06/2009			5872 m2				23,590
									TOTAL	23,590
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
44111 Logistics Support Warehouse										11,810
17120 Band Rehearsal Building										4,290
73025 Gate 5 Improvements										6,100
									TOTAL	22,200
C. R&M Unfunded Requirement (\$000):										47,300
10. Mission or Major Functions:										
To provide reception, processing and recruit training for enlisted personnel upon their initial entry into the Marine Corps; to provide schools for officer/enlisted training in the administrative field; and to conduct other schools and training as directed by the Commandant of the Marine Corps.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.11

**Blank Page**

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA			4. Project Title Messhall Expansion	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P296	8. Project Cost (\$000) 23,590	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MESSHALL EXPANSION (63,210 SF)	m2	5,872.43		19,600
RECRUIT MESSHALL EXPANSION (9,003 SF)	m2	836.43	4,487.35	(3,750)
RENOVATION EXISTING MESSHALL (52,700 SF)	m2	4,896	2,471.94	(12,100)
FOOD STORAGE/REEFER EXPANSION (1,507 SF)	m2	140	4,487.35	(630)
ANTI-TERRORISM/FORCE PROTECTION	LS			(170)
LEED AND EPACT 2005 COMPLIANCE	LS			(700)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(280)
BUILT-IN EQUIPMENT	LS			(290)
SPECIAL COSTS	LS			(1,070)
INFORMATION SYSTEMS	LS			(610)
SUPPORTING FACILITIES				910
SPECIAL FOUNDATION FEATURES	LS			(140)
ELECTRICAL UTILITIES	LS			(280)
MECHANICAL UTILITIES	LS			(110)
PAVING AND SITE IMPROVEMENTS	LS			(210)
SITE PREPARATIONS	LS			(170)
SUBTOTAL				20,510
CONTINGENCY (5%)				1,030
TOTAL CONTRACT COST				21,540
SIOH (5.7%)				1,230
SUBTOTAL				22,770
DESIGN/BUILD - DESIGN COST				820
TOTAL REQUEST ROUNDED				23,590
TOTAL REQUEST				23,590
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(4,102)
<b>10. Description of Proposed Construction:</b>				
Primary Facilities: Construct a one-story reinforced concrete masonry unit expansion to the mess hall at MCRD San Diego. Construction to include seismic upgrades, pile foundations with reinforced grade beam, structural				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA			4. Project Title Messhall Expansion	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P296	8. Project Cost (\$000) 23,590	
<p>steel framing, steel truss and modified bituminous roof to match the existing roof. Project provides a safe and sanitary facility for food receiving, storage, preparation and serving, as well as an adequate dining area for recruits and support personnel such as drill instructors, etc. Additionally, construction includes three entrance canopies, expansion of the food storage area, refrigerator expansion, seismic upgrades for Zone 4, a new equipment storage facility and a new trash enclosure.</p> <p>Renovation to the existing facility includes replacement of windows, doors and frames and patching and painting of exterior to match new addition. Deteriorated interior floor and wall tile will be replaced. Interior will be patched and painted throughout to match new addition. Existing sidewalks will be repaired and replaced as required. Includes repair of three refrigerators and two freezers, and demolition of one refrigerator to allow for food storage expansion.</p> <p>Special costs for both renovation and expansion include seismic construction in new and existing facilities, fire protection system, sound attenuation and Anti-Terrorism/Force Protection (AT/FP). The project provides design of AT/FP features (such as mass notification systems, emergency shutoffs for ventilation systems, laminated windows, blast resistant window and door frames, and emergency lighting and signage). Sustainable design principles will be included into the design, development, construction and operation of the facility in accordance with the Energy Policy Act of 2005. New construction will conform to the Base exterior architecture plan. Built-in equipment includes (2) large walk-in freezers, (4) large walk-in reefers, (12) hot boxes, (4) 60-gallon steam jacket kettles, (6) large convection ovens and (2)hydraulic lifts located on back loading dock. Electrical systems include fire alarms, an emergency generator, an energy saving electronic monitoring and control system, and information systems. Mechanical systems include plumbing, fire protection system, steam heating with hydronic hot water heating, ventilation and air conditioning.</p> <p>Supporting Facilities: Work includes site and building utility connections (water, steam, gas, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and cable television). Paving and site improvements include pavement striping, directional signage, stamped concrete sidewalks, troop formation areas, replacement of demolished pull up bars, concrete curbs and gutters, earthwork, grading and landscaping, exterior site and building lighting, sidewalks, storm water management, landscaping and automatic irrigation system. Demolition includes selective building</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA			4. Project Title Messhall Expansion	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P296	8. Project Cost (\$000) 23,590	
demolition, removal of concrete walls, irrigation system, sidewalks, pull-up bars, and trees.				
11. Requirement: <u>5,872 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>				
<b>PROJECT:</b>				
Construct a one story expansion and renovation of the mess hall at MCRD San Diego. Project provides a safe and sanitary facility for food receiving, storage, preparation and serving, as well as an adequate dining area for recruits and support personnel such as drill instructors, etc. Project also includes (2) large walk-in freezers, (4) large walk-in reefers, (12) hot boxes, (4) 60-gallon steam jacket kettles, (6) large convection ovens and (2) hydraulic lifts located on back loading dock.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
An adequate and efficiently-configured recruit dining facility is required to feed the increased recruit population at MCRD San Diego. The existing seating capacity of the Recruit Mess Hall (Building 569) is 1,200 seats with a feeding time of 20 minutes per recruit. It is necessary to expand the dining areas in order to accommodate 600 additional seats or 9,000 SF. Existing walk-in reefers and freezers are in desperate need of renovation and an additional requirement for 1,000 square feet for refrigerated and freezer space exists, as well as 500 SF for storing non-refrigerated items such as canned goods. Renovation of the interior and exterior of the existing facility to integrate the new addition is also required.				
<b>CURRENT SITUATION:</b>				
The existing 52,708 SF recruit dining facility was constructed in 1970 and has undergone little renovation since its original construction. The mess hall is currently feeding eight recruit companies with 90 recruits per platoon and 6 platoons per company, a recruit separations platoon, a physical conditioning platoon and a medical rehabilitation platoon for a total on-board strength of 6,480 recruits. The seating capacity of the dining facility is 1,200. The recent GFT projections report the daily on-board strength to be as high as 8,640 recruits during the Depot's peak season in June, July, August, and September. In order to feed this number of recruits, it will be necessary to increase the number of seats in the mess hall by an additional 800. In addition, the mess hall's dining area, food storage, frozen and refrigerated space are completely inadequate to support the increased patronage.				
<b>IMPACT IF NOT PROVIDED:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA			4. Project Title Messhall Expansion	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P296	8. Project Cost (\$000) 23,590	
The plan to increase the recruit load at MCRD San Diego will severely compromise and restrict the ability to feed the large number of recruits in this undersized and aging mess hall.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$425
(B) All other design costs				\$212
(C) Total				\$637
(D) Contract				\$425
(E) In-house				\$212
4. Contract award:				11/2009
5. Construction start:				02/2010
6. Construction complete:				08/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	4,092
NMCI connection cost: 3 seats		O&MMC	2011	10
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as-available basis; however, the scope of the project is based on Department of the Navy requirements.				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA			4. Project Title Messhall Expansion	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P296	8. Project Cost (\$000) 23,590	
<p>Activity POC: Major Frank McClintick                      Phone No: 619-524-4381</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00243 MARINE CORPS RECRUIT DEPOT SAN DIEGO, CALIFORNIA			4. Project Title Messhall Expansion	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P296	8. Project Cost (\$000) 23,590	
<b>Blank Page</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009		
3. Installation and Location: M67865 MCAS MIRAMAR SAN DIEGO, CALIFORNIA					4. Command Commandant of the Marine Corps			5. Area Const Cost Index 1.11		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	101	1161	643	55	28	0	1073	9101	1470
B. End FY 2013	101	1163	643	55	28	0	1112	9325	1527	13954
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(22941 Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										3,344,558
C. AUTHORIZATION NOT YET IN INVENTORY .....										8,038
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										9,280
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										40,980
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										112,450
G. REMAINING DEFICIENCY .....										190,742
<b>H. GRAND TOTAL .....</b>										<b>3,706,048</b>
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>				<u>Cost</u>
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>	<u>Scope</u>		<u>(\$000)</u>		
11320	Aircraft Parking Apron Modification			08/2008	04/2009	25080 m2		9,280		
TOTAL									9,280	
9. Future Projects:										
A. Included In The Following Program:										
21105 Hangar 3 Addition						17360 m2		37,940		
61072 Air Command & Control Ops & Training Fac						1152 m2		3,040		
TOTAL									40,980	
B. Major Planned Next Three Years:										
11320 Parking Apron/Taxiway Expansion								11,710		
21710 Tactical Comms Ops & Training Facility								15,950		
21710 Tactical Air Control Equipment Facility								9,210		
21105 Integrated Maintenance Concept Fac, Phase 3								28,090		
17135 Flight Simulator								7,010		
21105 IMC/MOD Facility Phase 1								27,260		
21105 Hangar 6 Expansion								13,220		
TOTAL									112,450	
C. R&M Unfunded Requirement (\$000):										34,400
10. Mission or Major Functions:										
To maintain and operate facilities provide services and material and support the operation of a Marine aircraft wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M67865 MCAS MIRAMAR SAN DIEGO, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.11

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67865 MCAS MIRAMAR SAN DIEGO, CALIFORNIA			4. Project Title Aircraft Parking Apron Modification	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P178	8. Project Cost (\$000) 9,280	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AIRCRAFT PARKING APRON MODIFICATION (269,959 SF)	m2	25,080		8,080
AIRCRAFT PARKING APRON (269,959 SF)	m2	25,080	316.66	(7,940)
SPECIAL COSTS	LS			(140)
SUBTOTAL				8,080
CONTINGENCY (5%)				400
TOTAL CONTRACT COST				8,480
SIOH (5.7%)				480
SUBTOTAL				8,960
DESIGN/BUILD - DESIGN COST				320
TOTAL REQUEST ROUNDED				9,280
TOTAL REQUEST				9,280
<b>10. Description of Proposed Construction:</b>				
<p>Parking Aprons/Ramps Four, Five, and Six will be remarked to accommodate a squadron each of the MV-22 Aircraft. The ground Flight Line Electrical Distribution System (FLEDS) units will be removed to prevent heat damage. Taxiways and parking spots on Parking Aprons Four, Five, and Six will be restriped and designed for 48 - 90 degree parking spaces to accommodate four squadrons of MV-22s. Existing joint and pavement sealants will be removed and replaced with heat resistant joint and pavement sealants. Existing mooring points will be removed and new mooring points installed to support the MV-22s.</p>				
<b>11. Requirement:</b> <u>836 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
<p>Parking Aprons/Ramps Four, Five, and Six will be restriped and resealed. FLEDS units will be removed after the FA-18s are relocated from MCAS Miramar.</p> <p><b>(New Mission)</b></p>				
<b>REQUIREMENT:</b>				
<p>Provide adequate facilities and functions to support the bed down of the MV-22B Squadrons (4 squadrons - 12 aircraft each) assigned to the MCAS Miramar to replace the CH-46E helicopters.</p> <p>Modifications to the aprons/ramps are required for the efficient and effective parking, loading, unloading and servicing of the aircraft. Parked</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67865 MCAS MIRAMAR SAN DIEGO, CALIFORNIA			4. Project Title Aircraft Parking Apron Modification	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P178	8. Project Cost (\$000) 9,280	
<p>aircraft must be separated to maintain proper wing-tip clearances, interior taxi-lane widths and protection from jet blast. Six aprons/ramps are currently available for use on station. Aprons/Ramps One through Three, are primarily used for fixed wing aircraft while Aprons/Ramps Four through Five are used primarily for CH-46 and CH-53. The aprons/ramps are adequately designed and configured for the existing aircraft, but are not designed for and cannot support the larger MV-22.</p> <p><b>CURRENT SITUATION:</b></p> <p>The Commander Third Marine Air Wing currently utilizes seven aprons/ramps to meet the aircraft parking requirements of rotary and fixed wing aircraft. The existing aprons/ramps are segregated into seven distinct parking areas. The aprons/ramps are of varying sizes, specially marked for specific aircraft types and located on the flight line in front of each hangar. Four of these aprons are primarily used for fixed wing aircraft. None of the aprons/ramps are marked for the MV-22 nor are the mooring points in the needed locations.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The existing aprons/ramps will not be able to support operations for the MV-22.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				04/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$210
(B) All other design costs				\$50
(C) Total				\$260
(D) Contract				\$210
(E) In-house				\$50

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67865 MCAS MIRAMAR SAN DIEGO, CALIFORNIA			4. Project Title Aircraft Parking Apron Modification	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P178	8. Project Cost (\$000) 9,280	
4. Contract award: 01/2010				
5. Construction start: 03/2010				
6. Construction complete: 03/2011				
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: M. A. Alvarez			Phone No: 760-725-6046	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67865 MCAS MIRAMAR SAN DIEGO, CALIFORNIA			4. Project Title Aircraft Parking Apron Modification	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P178	8. Project Cost (\$000) 9,280	
<b>Blank Page</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009		
3. Installation and Location: N63406 NAVBASE POINT LOMA SAN DIEGO, CALIFORNIA					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.11		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	346	1610	6915	0	0	0	108	45	0
B. End FY 2013	418	2490	7148	0	0	0	108	45	0	10209
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(1831 Acres)										
B. INVENTORY AS OF 30 SEP 2008 ..... 2,265,267										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 9,040										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 8,730										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 0										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 0										
G. REMAINING DEFICIENCY ..... 241,862										
H. <b>GRAND TOTAL</b> ..... <b>2,524,899</b>										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
21910	Public Works Shops Consolidation	09/2007	03/2009	1115 m2	8,730					
TOTAL										8,730
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										495,179
10. Mission or Major Functions:										
Serves as homeport for operations attack submarines of the Pacific Fleet, providing refit, maintenance, replenishment, training and ordnance support.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N63406 NAVBASE POINT LOMA SAN DIEGO, CALIFORNIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.11

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63406(SP) NAVBASE POINT LOMA (SPAWARSYSCEN) SAN DIEGO, CALIFORNIA			4. Project Title Public Works Shops Consolidation	
5. Program Element 0703676N	6. Category Code 21910	7. Project Number P129	8. Project Cost (\$000) 8,730	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PUBLIC WORKS SHOPS CONSOLIDATION (12,000 SF)	m2	1,114.84		3,990
PWC SHOP CONSOLIDATION (12,000 SF)	m2	1,114.84	3,263.37	(3,640)
RELOCATE FURNATURE/FURNISHINGS	LS			(20)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
LEED AND EPACT 2005 COMPLIANCE	LS			(80)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(40)
BUILT-IN EQUIPMENT	LS			(100)
INFORMATION SYSTEMS	LS			(40)
SUPPORTING FACILITIES				3,600
ELECTRICAL UTILITIES	LS			(50)
MECHANICAL UTILITIES	LS			(110)
PAVING AND SITE IMPROVEMENTS	LS			(100)
SITE PREPARATIONS	LS			(60)
DEMOLITION	LS			(3,200)
ENVIRONMENTAL MITIGATION	LS			(80)
SUBTOTAL				7,590
CONTINGENCY (5%)				380
TOTAL CONTRACT COST				7,970
SIOH (5.7%)				450
SUBTOTAL				8,420
DESIGN/BUILD - DESIGN COST				300
TOTAL REQUEST ROUNDED				8,720
TOTAL REQUEST				8,730
EQUIPMENT FROM OTHER				(587)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
Construct a new consolidated public works shop and administrative office facility. Many of the existing shops and office spaces are located in deteriorated facilities, which do not meet current building and or life safety code and as a result are substandard and/or are inadequate. In order to provide more efficient and cost effective facilities in which to carry				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63406(SP) NAVBASE POINT LOMA (SPAWARSYSCEN) SAN DIEGO, CALIFORNIA			4. Project Title Public Works Shops Consolidation	
5. Program Element 0703676N	6. Category Code 21910	7. Project Number P129	8. Project Cost (\$000) 8,730	
<p>out public works maintenance activities many of the existing World War II era wood frame buildings will be demolished, and the activities and personnel they support will be consolidated into the new combined space facility. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<p><b>11. Requirement:</b> <u>12,000 SF</u> <b>Adequate:</b> <b>Substandard:</b></p> <p><b>PROJECT:</b></p> <p>Consolidate the activities from 27 deteriorated sub-standard and inadequate World War II era wood buildings and demolish them. The buildings, located in the topside area of Naval Base Point Loma will be demolished and the area restored. A new combined shops facility will be constructed.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The occupants of these deteriorated, sub-standard and inadequate wooden buildings require suitable facilities to perform their work functions. The activities scattered throughout the area need consolidation into a central location in order to coordinate the related functions. This will permit better, more efficient supervision of work and better coordination of functions.</p> <p><b>CURRENT SITUATION:</b></p> <p>The activities located in the Topside Barracks Area of Naval Base Point Loma are housed in both semi-permanent and temporary converted wooden barracks. Most of the buildings were constructed during World War II or shortly thereafter. All but four of the buildings are over 50 years old and are in sub-standard or inadequate condition. The buildings lack current fire protection and life safety equipment. They are difficult and expensive to maintain. They all have asbestos containing material and lead based paint. Communication, supervision and coordination of daily work activities is difficult throughout the buildings as personnel must travel between buildings to meet and plan the work.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>These semi-permanent and temporary buildings will continue to deteriorate and maintenance costs will increase. Inefficient working conditions will continue.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 09/2007</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete 12/2007</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63406(SP) NAVBASE POINT LOMA (SPAWARSYSCEN) SAN DIEGO, CALIFORNIA			4. Project Title Public Works Shops Consolidation	
5. Program Element 0703676N	6. Category Code 21910	7. Project Number P129	8. Project Cost (\$000) 8,730	
(C) Date design completed				03/2009
(D) Percent completed as of September 2008				50%
(E) Percent completed as of January 2009				80%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				NA
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$200
(B) All other design costs				\$100
(C) Total				\$300
(D) Contract				\$100
(E) In-house				\$200
4. Contract award:				01/2010
5. Construction start:				05/2010
6. Construction complete:				05/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Furniture		OMN	2011	587
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Jon de Kerguelen			Phone No: 619 524-8513	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63406(SP) NAVBASE POINT LOMA (SPAWARSYSCEN) SAN DIEGO, CALIFORNIA			4. Project Title Public Works Shops Consolidation	
5. Program Element 0703676N	6. Category Code 21910	7. Project Number P129	8. Project Cost (\$000) 8,730	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.28				
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	233	917	1187	10	2502	1	613	9383	2162
B. End FY 2013	232	918	1205	10	2502	1	637	9861	2182	17548
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(605597 Acres)										
B. INVENTORY AS OF 30 SEP 2008 ..... 3,075,770										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 35,527										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 513,680										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 66,140										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 126,270										
G. REMAINING DEFICIENCY ..... 526,652										
H. <b>GRAND TOTAL</b> ..... <b>4,344,039</b>										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
21451	Maintenance Shop, Wheeled	07/2008	08/2009	4882 m2	16,040					
21440	Maintenance Sunshades, Wheeled	07/2008	08/2009	47666 m2	12,580					
21710	Comm/Elect Maintenance/Storage	07/2008	08/2009	4086 m2	12,660					
72210	Dining Facility, North Mainside	07/2008	08/2009	2029 m2	17,200					
72124	Bachelor Enlisted Quarters	07/2008	08/2009	9065 m2	37,290					
21451	Maintenance Shop, Tracked	07/2008	08/2009	3731 m2	19,780					
13117	Station Comm Facility & Infrastructure	07/2008	08/2009	5281 m2	49,040					
81320	Sub-Station And Electrical Upgrades	07/2008	08/2009	0 LS	31,310					
81320	Elec Infrastructure Upgrade, 34.5Kv to 115 Kv	07/2008	08/2009	0 LS	46,220					
81145	Elec Power Plant/Co-Gen/Gas Turbine	07/2008	08/2009	0 LS	53,260					
84210	Water Improvements And Storage Tank	07/2008	08/2009	0 LS	30,610					
83210	Sewage System Improvements and Lift Station	07/2008	08/2009	3832 m	5,800					
82226	HTHW/Chilled Water System	07/2008	08/2009	11400 m	25,790					
82410	Natural Gas System Extension	07/2008	08/2009	28970 m	19,990					
85110	Construct Roads, North Mainside	07/2008	08/2009	77920 m2	29,360					
83116	Industrial Waste Water Pretreatment System	07/2008	08/2009	0 LS	3,330					
72124	Bachelor Enlisted Quarters	07/2008	08/2009	9065 m2	37,290					
85110	Laydown Site Work, North Mainside	07/2008	08/2009	365371 m2	21,740					

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation and Location: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.28	
81232 Secondary Elec Distribution, North Mainside	07/2008 08/2009	49360 m	31,720
14345 Consolidated Armory, Tanks	07/2008 08/2009	1686 m2	12,670
		TOTAL	513,680
9. Future Projects:			
A. Included In The Following Program:			
21440 Maintenance Sunshades, Tracked			9,890
72124 Bachelor Enlisted Quarters/Parking Structure		27025 m2	56,250
		TOTAL	66,140
B. Major Planned Next Three Years:			
21420 Vehicle Maintenance Facility Addition, MWTC			1,570
14345 Armory			7,470
91110 Land Acquisition			17,170
11320 Concrete Ramp And Taxiways EAF			25,220
74076 Lifelong Learning Center			8,990
91110 Land Acquisition			21,750
73010 Fire Sta/Provost Marshall			36,080
*73082 Waste Handling And Recovery Facility			8,020
		TOTAL	126,270
C. R&M Unfunded Requirement (\$000):			55,500
10. Mission or Major Functions:			
To provide housing, training facilities, logistical and administrative support for Fleet Marine Force units and other organizations or activities designated by the Commandant of the Marine Corps. To provide combined arms training for Fleet Marine Force units, both active and reserve. To provide formal school training for personnel in the field of communications-electronics and conduct other schools and training as directed by the Commandant of the Marine Corps.			
11. Outstanding Pollution and Safety Deficiencies (\$000):			
A. Pollution Abatement(*):			8,020
B. Occupational Safety and Health(OSH)(#):			0

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Wheeled	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P101	8. Project Cost (\$000) 16,040	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MAINT. SHOP - WHEELED (52,554 SF)	m2	4,882.44		8,310
VEHICLE MAINTENANCE SHOP (13,212 SF)	m2	1,227.44	3,581.53	(4,400)
VEHICLE WASH RACK (6,997 SF)	m2	650	763.04	(500)
OPEN STORAGE - LAYDOWN AREA (32,346 SF)	m2	3,005	156.06	(470)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
LEED AND EPACT 2005 COMPLIANCE	LS			(130)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(110)
BUILT-IN EQUIPMENT	LS			(1,690)
SPECIAL COSTS	LS			(790)
INFORMATION SYSTEMS	LS			(140)
SUPPORTING FACILITIES				5,640
SPECIAL CONSTRUCTION FEATURES	LS			(290)
SPECIAL FOUNDATION FEATURES	LS			(60)
ELECTRICAL UTILITIES	LS			(1,820)
MECHANICAL UTILITIES	LS			(1,400)
PAVING AND SITE IMPROVEMENTS	LS			(820)
SITE PREPARATIONS	LS			(1,250)
SUBTOTAL				13,950
CONTINGENCY (5%)				700
TOTAL CONTRACT COST				14,650
SIOH (5.7%)				840
SUBTOTAL				15,490
DESIGN/BUILD - DESIGN COST				560
TOTAL REQUEST ROUNDED				16,050
TOTAL REQUEST				16,040
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(498)
<b>10. Description of Proposed Construction:</b>				
Primary Facility: Construct a low rise, multi-bay, motor vehicle maintenance shop for First Tank Battalion. Construction includes a				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Wheeled	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P101	8. Project Cost (\$000) 16,040	
<p>reinforced concrete masonry unit building with seismic upgrades, spread beam foundation, and standing seam metal roof. The project provides construction designed for Seismic Zone 4 in compliance with current seismic requirements. The facility includes Navy Marine Corps Intranet closets. The facilities must comply with Americans with Disability Act regulations. The facility includes storage space, office space, vehicle workspaces, vehicle bays, vehicle wash platforms, organizational parking, and open storage/lay-down area. Other costs include connection costs for communication systems. The project provides for built-in equipment including two 5-ton cranes infrastructure, vehicle lifts, lube system, compressed air system and wash rack. Project also includes operation and maintenance support information. Information systems include wiring for local area network, telephone, and public address system. The project provides for design for anti-terrorism/force protection features. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Special foundation features include structural fill. Electrical systems include communications, electrical distribution, exterior lighting, a pad-mounted transformer, and an equipment yard. Mechanical systems include water utilities, sanitary sewer utilities, energy management systems and an equipment yard. Paving and site improvements provide for non-organizational parking (298 Vehicles), curbs and gutters, sidewalks, landscaping and irrigation, and chain-link fencing and gates. The project provides for site preparation including excavation.</p>				
<b>11. Requirement:</b> <u>4,882 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Construct a Wheeled Maintenance Shop to support the relocation of First Tank Battalion. Once this facility is complete, and First Tank Battalion moves, the Third Combat Engineer Battalion will move into the vacated spaces.  This project is required to support the Grow the Force increased end strength.  <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Provide adequate facilities to support relocation of the First Tank Battalion with an additional Tank Company in order to support the stand up of the Third Combat Engineering Battalion (who will move into spaces				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Wheeled	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P101	8. Project Cost (\$000) 16,040	
<p>currently occupied by Third Tank Battalion). Facilities include vehicle maintenance shop, and supporting infrastructure, including vehicle wash platforms, organizational and non-organizational parking and lay down area.</p> <p><b>CURRENT SITUATION:</b></p> <p>The First Tank Battalion expects an increase of one company which will make existing First Tank Battalion facilities too small to house the reinforced battalion. The Grow the Force plan constructs adequate space for the reinforced battalion and allows the current space to be utilized by the Third Combat Engineer Battalion.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$350
(B) All other design costs				\$100
(C) Total				\$450
(D) Contract				\$350
(E) In-house				\$100
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				12/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	PMC	2011		431
NMCI	O&MMC	2011		67
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Wheeled	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P101	8. Project Cost (\$000) 16,040	
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p>				
Activity POC: Leon J. Bowling		Phone No: 760.830.7691		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Sunshades - Wheeled	
5. Program Element 0815796M	6. Category Code 21440	7. Project Number P103	8. Project Cost (\$000) 12,580	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MAINT. SUNSHADES - WHEELED (513,073 SF)	m2	47,666		9,860
VEHICLE HOLDING SHED (108,855 SF)	m2	10,113	569.13	(5,760)
ORGANIZATIONAL PARKING (404,217 SF)	m2	37,553	69.05	(2,590)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
LEED AND EPACT 2005 COMPLIANCE	LS			(330)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(90)
BUILT-IN EQUIPMENT	LS			(780)
SPECIAL COSTS	LS			(180)
INFORMATION SYSTEMS	LS			(70)
SUPPORTING FACILITIES				1,080
ELECTRICAL UTILITIES	LS			(490)
MECHANICAL UTILITIES	LS			(110)
PAVING AND SITE IMPROVEMENTS	LS			(290)
SITE PREPARATIONS	LS			(190)
SUBTOTAL				10,940
CONTINGENCY (5%)				550
TOTAL CONTRACT COST				11,490
SIOH (5.7%)				650
SUBTOTAL				12,140
DESIGN/BUILD - DESIGN COST				440
TOTAL REQUEST ROUNDED				12,580
TOTAL REQUEST				12,580
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(149)
<b>10. Description of Proposed Construction:</b>				
Primary Facility: Construct vehicle maintenance shelters for wheeled vehicles, and organizational parking for 1st Tank Battalion. Maintenance shelters shall be free standing, cantilevered steel structures, open on all sides, and covered with a metal roof. The structures will be equipped with photovoltaic systems, air compressor/compressed air piping system, 120v				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Sunshades - Wheeled	
5. Program Element 0815796M	6. Category Code 21440	7. Project Number P103	8. Project Cost (\$000) 12,580	
<p>outlets and lighting. The project provides construction designed for Seismic Zone 4. The project provides for built-in equipment for filter cleaning systems, a sand trap area, compressed air systems, a hazmat pad, and tool cages. Project also includes operation and maintenance support information. Other costs include connection of communication systems for emergency phones.</p> <p>Information systems include conduit for telephone. The project provides for design for anti-terrorism/force protection features. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Include a special pier foundation for the shelters. Electrical systems include communications, a pad-mounted transformer, exterior lighting and conduit for future data connections. Mechanical systems include potable water utilities. Paving and site improvements include asphalt paving. Site Preparation includes excavation and grading.</p>				
<p><b>11. Requirement:</b> <u>47,666 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Construct Vehicle Maintenance Shelters and parking to support the relocation of 1st Tank Battalion Reinforced. Once these facility is complete and 1st Tank Battalion will move out of its current space, and the 3rd Combat Engineer Battalion will move in.</p> <p>This project is required to support the Grow the Force increased end strength.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide adequate facilities to support relocation of the 1st Tank Battalion in order to support the stand up of the 3rd Combat Engineer Battalion (who will move into spaces currently occupied by 1st Tank battalion). Facilities include vehicle maintenance shelters and parking.</p> <p><b>CURRENT SITUATION:</b></p> <p>The 1st Tank Battalion expects an increase of one company which will make existing 1st Tank Battalion facilities too small to house the reinforced battalion. The base Grow the Force Plan will construct adequate space for the reinforced battalion and allow the current space to be utilized by the 3rd Combat Engineer Battalion.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Sunshades - Wheeled	
5. Program Element 0815796M	6. Category Code 21440	7. Project Number P103	8. Project Cost (\$000) 12,580	
Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations. Units without adequate essential facilities experience degradation of unit cohesion, retention and the ability to maintain equipment.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$264
(B) All other design costs				\$132
(C) Total				\$396
(D) Contract				\$330
(E) In-house				\$66
4. Contract award:				10/2009
5. Construction start:				01/2010
6. Construction complete:				01/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY</u>	<u>Approp</u>
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		O&MMC	2011	149
JOINT USE CERTIFICATION:				
The Director Land use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Leon J. Bowling			Phone No: 760.830.7691	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA		4. Project Title Maint. Sunshades - Wheeled	
5. Program Element 0815796M	6. Category Code 21440	7. Project Number P103	8. Project Cost (\$000) 12,580
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Comm./Elect. Maint./Storage	
5. Program Element 0815796M	6. Category Code 21710	7. Project Number P107	8. Project Cost (\$000) 12,660	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
COMM./ELECT. MAINT./STORAGE (43,981 SF)	m2	4,086		8,260
COMM/ELEC MAINTENANCE (12,626 SF)	m2	1,173	2,332.98	(2,740)
HIGHBAY WAREHOUSE (23,702 SF)	m2	2,202	1,722.67	(3,790)
ORGANIZATIONAL PARKING - CONCRETE (7,653 SF)	m2	711	156.03	(110)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
LEED AND EPACT 2005 COMPLIANCE	LS			(350)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(90)
BUILT-IN EQUIPMENT	LS			(360)
SPECIAL COSTS	LS			(500)
INFORMATION SYSTEMS	LS			(250)
SUPPORTING FACILITIES				2,750
ELECTRICAL UTILITIES	LS			(630)
MECHANICAL UTILITIES	LS			(850)
PAVING AND SITE IMPROVEMENTS	LS			(1,180)
SITE PREPARATIONS	LS			(90)
SUBTOTAL				11,010
CONTINGENCY (5%)				550
TOTAL CONTRACT COST				11,560
SIOH (5.7%)				660
SUBTOTAL				12,220
DESIGN/BUILD - DESIGN COST				440
TOTAL REQUEST ROUNDED				12,660
TOTAL REQUEST				12,660
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(562)
<b>10. Description of Proposed Construction:</b>				
Primary Facility: Construct a low rise communications/electrical maintenance facility, a high bay warehouse, and organizational parking for the relocation of First Tank Battalion Reinforced. Construction includes a reinforced concrete masonry unit building with seismic upgrades, spread				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Comm./Elect. Maint./Storage	
5. Program Element 0815796M	6. Category Code 21710	7. Project Number P107	8. Project Cost (\$000) 12,660	
<p>beam foundation, and standing seam metal roof. The project provides construction designed for Seismic Zone 4. The facility includes a vault with Secure Internet Protocol Router Network and Navy Marine Corps Intranet closets. The facilities must comply with Americans with Disability Act regulations. The facility includes office space, storage, maintenance space and a van pad. Built-in equipment includes a three-stop freight elevator. Project also includes operation and maintenance support information. Information systems include wiring for local area network, telephone, public address, intrusion detection wiring, and cable television. Other costs include outside plant and connect costs for communication systems. The project provides for design for anti-terrorism/force protection features. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Electrical systems include communications, electrical distribution, exterior lighting, and a pad-mounted transformer. Mechanical systems include water utilities, sanitary sewer utilities, and Energy Management Systems (EMS). An electrical and mechanical yard is required for the 500 KV transformer, EMS mechanical equipment, and the extensive compressed air system. Paving and site improvements provide for parking, curbs and gutters, sidewalks, and landscaping and irrigation. The project provides for site preparation including excavation.</p>				
<b>11. Requirement:</b> <u>4,086 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Construct a Communications/Electrical Maintenance and Storage Facility and parking to support the relocation of First Tank Battalion Reinforced, which will receive an additional company under Grow the Force (GTF). <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> This project is required to support the GTF increased end strength. Construct facilities to support the relocation of First Tank Battalion Reinforced. Once these facilities are complete and First Tank Battalion moves out of currently occupied spaces, the 3rd Combat Engineer Battalion will move into these spaces.				
<b>CURRENT SITUATION:</b> The First Tank Battalion expects an increase of one company which will make existing 1st Tanks facilities too small to house the reinforced battalion. The Marine Corps Grow the Force plan constructs adequate space for the reinforced battalion and allows the current spaces to be utilized by the				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Comm./Elect. Maint./Storage	
5. Program Element 0815796M	6. Category Code 21710	7. Project Number P107	8. Project Cost (\$000) 12,660	
3rd Combat Engineering Battalion. <b>IMPACT IF NOT PROVIDED:</b> Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$416
(B) All other design costs				\$208
(C) Total				\$624
(D) Contract				\$500
(E) In-house				\$124
4. Contract award:				12/2009
5. Construction start:				03/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY</u>	<u>Approp</u>
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	344
NMCI		O&MMC	2011	218
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				



1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009	
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA				4. Project Title Dining Facility - North Mainside		
5. Program Element 0815796M		6. Category Code 72210	7. Project Number P114	8. Project Cost (\$000) 17,200		
<b>9. COST ESTIMATES</b>						
Item		UM	Quantity	Unit Cost	Cost(\$000)	
DINING FACILITY - NORTH MAINSIDE (21,840 SF)		m2	2,029		13,290	
GTF- DINING FACILITY NORTH MAINSIDE (21,840 SF)		m2	2,029	4,828.53	(9,800)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(100)	
LEED AND EPACT 2005 COMPLIANCE		LS			(460)	
OPERATION & MAINTENANCE SUPP INFO (OMSI)		LS			(160)	
BUILT-IN EQUIPMENT		LS			(2,130)	
SPECIAL COSTS		LS			(350)	
INFORMATION SYSTEMS		LS			(290)	
SUPPORTING FACILITIES					1,660	
ELECTRICAL UTILITIES		LS			(430)	
MECHANICAL UTILITIES		LS			(230)	
PAVING AND SITE IMPROVEMENTS		LS			(700)	
SITE PREPARATIONS		LS			(250)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(50)	
SUBTOTAL					14,950	
CONTINGENCY (5%)					750	
TOTAL CONTRACT COST					15,700	
SIOH (5.7%)					890	
SUBTOTAL					16,590	
DESIGN/BUILD - DESIGN COST					600	
TOTAL REQUEST ROUNDED					17,190	
TOTAL REQUEST					17,200	
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(1,826)	
<b>10. Description of Proposed Construction:</b>						
<p>Primary Facility: Construct a low-rise reinforced concrete masonry unit block dining facility in North Mainside, with food service equipment, fire suppression and alarm systems, and standing seam metal roof in compliance with Unified Facilities Criteria (UFC) 4-721-10 Design. The project provides construction in compliance with current seismic requirements.</p>						

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009										
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Dining Facility - North Mainside											
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P114	8. Project Cost (\$000) 17,200											
<p>Built-in equipment includes food service equipment. Project includes operation and maintenance support information. Information systems include wiring for Local Area Network (LAN), telephone, public address, and cable television. Other costs include outside plant communications infrastructure. The project provides for Anti-Terrorism Force Protection (AT/FP) features. Sustainable design features are included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>Supporting Facilities: The project provides structural fill as a special foundation feature. Mechanical systems include water utilities, sanitary sewer utilities, and mechanical heat distribution. Paving and site improvements provide for roadway access, parking, curbs and gutters, sidewalks, landscaping, pedestrian features, and storm water drainage improvements. The project provides for site preparation including excavation and also includes secured vehicle access as an AT/FP measure.</p>														
<p><b>11. Requirement:</b>    <u>2,029 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b> Constructs a dining facility in North Mainside area and the project provides 2029 m2 of dining space to support the expansion of the area to support the Grow the Force.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> Adequate dining facilities are required to support the Marines training at Twentynine Palms. This project is required to support the Grow the Force increased end strength.</p> <p><b>CURRENT SITUATION:</b> Dining facilities at 29 Palms do not exist to support the estimated increase in Marines due to the Grow The Force Initiative.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations.</p>														
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>07/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>08/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>35%</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	07/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	08/2009	(D) Percent completed as of September 2008	15%	(E) Percent completed as of January 2009	35%
(A) Date design or Parametric Cost Estimate started	07/2008													
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009													
(C) Date design completed	08/2009													
(D) Percent completed as of September 2008	15%													
(E) Percent completed as of January 2009	35%													

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Dining Facility - North Mainside	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P114	8. Project Cost (\$000) 17,200	
(F) Type of design contract		Design Build		
(G) Parametric Estimate used to develop cost		Yes		
(H) Energy Study/Life Cycle Analysis performed		Yes		
2. Basis:				
(A) Standard or Definitive Design		No		
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications		\$390		
(B) All other design costs		\$195		
(C) Total		\$585		
(D) Contract		\$390		
(E) In-house		\$195		
4. Contract award:		01/2010		
5. Construction start:		07/2010		
6. Construction complete:		10/2011		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	PMC	2011	1,456	
NMCI	PMC	2011	369	
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Pickens, Melvin		Phone No: 760-830-7694		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Dining Facility - North Mainside	
5. Program Element 0815796M	6. Category Code 72210	7. Project Number P114	8. Project Cost (\$000) 17,200	
<p><b>Blank Page</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0815796M	6. Category Code 72124	7. Project Number P116	8. Project Cost (\$000) 37,290	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS (97,575 SF)	m2	9,065		30,910
BEQ (97,575 SF)	m2	9,065	2,913.91	(26,410)
ANTI-TERRORISM/FORCE PROTECTION	LS			(660)
LEED AND EPACT 2005 COMPLIANCE	LS			(790)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(360)
BUILT-IN EQUIPMENT	LS			(370)
SPECIAL COSTS	LS			(1,030)
INFORMATION SYSTEMS	LS			(1,290)
SUPPORTING FACILITIES				1,520
SPECIAL CONSTRUCTION FEATURES	LS			(200)
SPECIAL FOUNDATION FEATURES	LS			(100)
ELECTRICAL UTILITIES	LS			(430)
MECHANICAL UTILITIES	LS			(400)
PAVING AND SITE IMPROVEMENTS	LS			(250)
SITE PREPARATIONS	LS			(140)
SUBTOTAL				32,430
CONTINGENCY (5%)				1,620
TOTAL CONTRACT COST				34,050
SIOH (5.7%)				1,940
SUBTOTAL				35,990
DESIGN/BUILD - DESIGN COST				1,300
TOTAL REQUEST ROUNDED				37,290
TOTAL REQUEST				37,290
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,184)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a high-rise reinforced concrete masonry unit block barracks, fire suppression and alarm systems, reinforced concrete foundation and floors, and standing seam metal roof in compliance with Unified Facilities Criteria (UFC) 4-721-10 Design; Navy and Marine Corps Bachelor Housing. Project provides 192 rooms of BEQ space for 1st Tanks in the standard 2x0 configuration with private bathroom facilities. Community</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0815796M	6. Category Code 72124	7. Project Number P116	8. Project Cost (\$000) 37,290	
<p>and service core areas consist of laundry facilities, multipurpose rooms, lounges, resource center, offices, Navy Marine Corps Intranet (NMCI) space (telecommunications room), housekeeping areas, mechanical/electrical/circulation, communal areas, and public restrooms. The project provides construction in compliance with current seismic requirements. Built-in equipment includes a service elevator. The public areas of the project will comply with the Americans for Disabilities Act. Other costs include outside plant communications infrastructure. Project includes operation and maintenance support information. Information systems include wiring for local area network, telephone, public address, and cable television. The project provides for anti-terrorism/force protection features. Sustainable design features are included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>Supporting Facilities: Special construction features provide a segmental concrete retaining wall. The project also provides structural fill as a special foundation feature. Electrical systems include communications, electrical distribution, exterior lighting, transformer, and an equipment yard. Mechanical systems include water utilities, sanitary sewer utilities, energy management systems/controls, and an equipment yard. The pitched standing seam metal roof required by the base exterior architectural plan cannot accommodate the mechanical equipment that used to be located on flat roof systems, therefore, an enclosed, mechanical yard will be required to house mechanical units. Paving and site improvements provide for roadway access, parking, curbs and gutters, sidewalks, landscaping, pedestrian features, and storm-water drainage improvements. Also includes storm-water pollution prevention plan. The project provides for site preparation including excavation.</p> <p>Intended Grade Mix: 354 E1-E3, 15 E4-E5 Total: 369 Persons Maximum Utilization: 384 E1-E3</p>				
<b>11. Requirement:</b> <u>9,065 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> Provide living spaces for 384 Marines at Twentynine Palms. Construct barracks space to support the Grow the Force increased end strength. <b>(Current Mission)</b> <b>REQUIREMENT:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0815796M	6. Category Code 72124	7. Project Number P116	8. Project Cost (\$000) 37,290	
<p>Adequate billeting facilities are required to support the Marines training at Twentynine Palms. This project is required to support the Grow the Force increased end strength.</p> <p><b>CURRENT SITUATION:</b> Barracks facilities at Twentynine Palms do not exist to support the estimated increase in Marines due to the Grow the Force initiative.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at Twentynine Palms.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$750
(B) All other design costs				\$245
(C) Total				\$995
(D) Contract				\$795
(E) In-house				\$200
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				08/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	PMC	2011	1,055	
NMCI	O&MMC	2011	129	
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0815796M	6. Category Code 72124	7. Project Number P116	8. Project Cost (\$000) 37,290	
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p>				
Activity POC: Mel Pickens			Phone No: 760.830.7694	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Tracked	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P121	8. Project Cost (\$000) 19,780	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MAINT. SHOP - TRACKED (40,156 SF)	m2	3,730.57		14,890
AUTOMOTIVE ORGANIZATIONAL SHOP (TRACKED) (31,103 SF)	m2	2,889.57	3,440.83	(9,940)
VEHICLE WASH RACK (9,052 SF)	m2	841	1,525.67	(1,280)
ANTI-TERRORISM/FORCE PROTECTION	LS			(110)
LEED AND EPACT 2005 COMPLIANCE	LS			(460)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(210)
BUILT-IN EQUIPMENT	LS			(1,920)
SPECIAL COSTS	LS			(640)
INFORMATION SYSTEMS	LS			(330)
SUPPORTING FACILITIES				2,310
SPECIAL FOUNDATION FEATURES	LS			(100)
ELECTRICAL UTILITIES	LS			(990)
MECHANICAL UTILITIES	LS			(400)
PAVING AND SITE IMPROVEMENTS	LS			(590)
SITE PREPARATIONS	LS			(220)
DEMOLITION	LS			(10)
SUBTOTAL				17,200
CONTINGENCY (5%)				860
TOTAL CONTRACT COST				18,060
SIOH (5.7%)				1,030
SUBTOTAL				19,090
DESIGN/BUILD - DESIGN COST				690
TOTAL REQUEST ROUNDED				19,780
TOTAL REQUEST				19,780
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,774)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a low-rise, multi-bay, high-bay, motor vehicle maintenance shop, open storage lay-down area, and wash rack for First Tank Battalion. A turret simulator is also being provided. Construction includes a reinforced concrete masonry unit building with seismic upgrades, spread beam foundation, and standing seam metal roof. The project provides</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Tracked	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P121	8. Project Cost (\$000) 19,780	
<p>construction designed for Seismic Zone 4. The facility includes Navy Marine Corps Intranet closets. The facilities must comply with Americans with Disability Act regulations. The facility includes storage space, office space, specialized maintenance shops, vehicle workspaces, vehicle bays, a vehicle wash platform with photovoltaic system, air compressors and compressed air piping systems, and organizational parking. The project provides for built-in equipment, including one 35-ton and six 10-ton crane infrastructure, a compressed air system, a van pad, a hazmat pad, tank rated floor drains, a floor mounted rail system, and a photovoltaic system on the wash platform cover. Project also includes operation and maintenance support information. Special building requirements include sound attenuation of walls and roofing in the admin area. Information systems include wiring for local area network, telephone, public address, intrusion detection system, and cable television. Other costs include Outside Plant (OSP) and OSP connect costs for communication systems. The project provides for design for anti-terrorism/force protection features. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Special foundation features include structural fill. Electrical systems include communications, electrical distribution, exterior lighting, a pad-mounted transformer, and electrical equipment yard. Mechanical systems include water utilities, sanitary sewer utilities, Energy Management Systems (EMS), compressed air systems, and a mechanical equipment yard. Paving and site improvements provide for paved roads and parking, curbs and gutters, and fencing and gates. The project provides for site preparation including excavation.</p>				
<b>11. Requirement:</b> <u>3,731 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Construct a low-rise, multi-bay, high-bay, motor vehicle maintenance shop, open storage lay-down area, wash rack, parking area and turret simulator facilities to support the relocation of 1st Tank Battalion Reinforced. This project is required to support the Grow the Force increased end strength of one Tank Company to First Tank Battalion.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Provide adequate facilities to support relocation and growth of the 1st Tank Battalion. The current First Tank Battalion facilities will house the newly stood up Third Combat Engineering Battalion. Facilities include				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Tracked	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P121	8. Project Cost (\$000) 19,780	
<p>vehicle maintenance shop for tracked vehicles, and supporting infrastructure including vehicle wash platforms, and organizational concrete parking area.</p> <p><b>CURRENT SITUATION:</b></p> <p>The First Tank Battalion expects an increase of one company which will make existing First Tank Battalion facilities too small to house the reinforced battalion. The Grow the Force plan constructs new adequate space for the reinforced First Tank Battalion and allows the current space of Tank Battalion to be utilized by the Third Combat Engineering Battalion.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$500
(B) All other design costs				\$100
(C) Total				\$600
(D) Contract				\$500
(E) In-house				\$100
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY</u>	<u>Approp</u>
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	1,674
NMCI		O&MMC	2011	101
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Maint. Shop - Tracked	
5. Program Element 0815796M	6. Category Code 21451	7. Project Number P121	8. Project Cost (\$000) 19,780	
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p>				
Activity POC: Leon J. Bowling		Phone No: 760.830.7691		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Station Comm. Facility and Infrastructure	
5. Program Element 0815796M	6. Category Code 13117	7. Project Number P126	8. Project Cost (\$000) 49,040	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
STATION COMM. FACILITY AND INFRASTRUCTURE (56,844 SF)	m2	5,281		40,760
TELECOMMUNICATIONS BUILDING (47,986 SF)	m2	4,458	2,832.33	(12,630)
GENERAL STORAGE SHED (6,254 SF)	m2	581	931.15	(540)
REHAB BUILDING 1555 (2,605 SF)	m2	242	491.23	(120)
ANTI-TERRORISM/FORCE PROTECTION	LS			(130)
LEED AND EPACT 2005 COMPLIANCE	LS			(340)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(800)
BUILT-IN EQUIPMENT	LS			(770)
SPECIAL COSTS	LS			(24,630)
INFORMATION SYSTEMS	LS			(800)
SUPPORTING FACILITIES				3,430
SPECIAL FOUNDATION FEATURES	LS			(140)
ELECTRICAL UTILITIES	LS			(1,460)
MECHANICAL UTILITIES	LS			(320)
PAVING AND SITE IMPROVEMENTS	LS			(840)
SITE PREPARATIONS	LS			(240)
DEMOLITION	LS			(430)
SUBTOTAL				44,190
CONTINGENCY (5%)				2,210
TOTAL CONTRACT COST				46,400
SIOH (5.7%)				2,640
SUBTOTAL				49,040
TOTAL REQUEST ROUNDED				49,040
TOTAL REQUEST				49,040
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(17,962)
<b>10. Description of Proposed Construction:</b>				
Primary Facilities: Project constructs a low-rise Communications Building with telephone and data infrastructure in support of the Grow The Force (GTF) build-out located at the North Mainside. The project provides a				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Station Comm. Facility and Infrastructure	
5. Program Element 0815796M	6. Category Code 13117	7. Project Number P126	8. Project Cost (\$000) 49,040	
<p>reinforced concrete masonry unit building with underground communications vault, spread beam foundation, and standing seam metal roof. The Communications Building will have built-in equipment to include: raised access flooring for the switch, server, and sensitive/secured rooms; and back-up power with emergency generators, battery back-up, and uninterruptable power supply reserve. The facility includes copper and fiber switch rooms and computer server rooms with technical support/repair areas with separate heating, ventilation and air-conditioning systems compatible with communications/electronic equipment. The equipment maintenance will include radio frequency induction shielding area. Office space is included for non-laboratory work.</p> <p>Project includes: general purpose warehouse; cable spool storage for protection of ultra-violet degradation and loss; and open storage for poles, guy anchors, vault boxes, etc. Building 1555 will be renovated to provide administrative space under this project.</p> <p>The project provides construction designed for Seismic Zone 4. The facility includes a classified material storage vault, and NMCI closets. The facilities must comply with Americans with Disability Act regulations to include elevators. The project provides for the utilization of solar panels on southern facing roofs of the cable spool shed. Project will provide operation and maintenance support information on all required systems. Information systems include wiring for local area network, telephone, fiber optic, public address system, and cable for teleconferencing. Outside Plant (OSP) infrastructure is provided, including the re-routing of existing OSP connections from two buildings being demolished under this project to the new facility. The project provides for design for anti-terrorism force protection features to include intrusion detection system. Sustainable design principles will be included in the design and construction of this project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Special foundation features include excavation and shoring of basement for communications vault and structural fill. Electrical systems include communications, electrical distribution, exterior lighting, a pad-mounted transformer and electrical equipment yard. Mechanical systems include water utilities, mechanical heat distribution, sanitary sewer utilities, energy management systems and mechanical equipment yard. The project provides for site preparation including excavation and grading. Paving and site improvements provide for curbs and gutters, sidewalks, landscaping and irrigation and fencing. This project</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Station Comm. Facility and Infrastructure	
5. Program Element 0815796M	6. Category Code 13117	7. Project Number P126	8. Project Cost (\$000) 49,040	
(F) Type of design contract		Design Bid Build		
(G) Parametric Estimate used to develop cost		Yes		
(H) Energy Study/Life Cycle Analysis performed		Yes		
2. Basis:				
(A) Standard or Definitive Design		No		
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications		\$4,000		
(B) All other design costs		\$645		
(C) Total		\$4,645		
(D) Contract		\$4,310		
(E) In-house		\$335		
4. Contract award:		12/2009		
5. Construction start:		01/2010		
6. Construction complete:		01/2012		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	O&MMC	2011	16,954	
NMCI	PMC	2011	1,008	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Melvin Pickens		Phone No: 760.830.7694		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Sub-Station and Electrical Upgrades	
5. Program Element 0815796M	6. Category Code 81320	7. Project Number P127	8. Project Cost (\$000) 31,310	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SUB-STATION AND ELECTRICAL UPGRADES	LS			26,020
ELECTRICAL SUBSTATION	EA	1	6,645,421.48	(6,650)
ELECTRICAL DISTRIBUTION LINES (74,967 LF)	m	22,850	756.28	(17,280)
ANTI-TERRORISM/FORCE PROTECTION	LS			(240)
LEED AND EPACT 2005 COMPLIANCE	LS			(970)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(360)
SPECIAL COSTS	LS			(520)
SUPPORTING FACILITIES				2,190
SPECIAL CONSTRUCTION FEATURES	LS			(310)
ELECTRICAL UTILITIES	LS			(1,790)
PAVING AND SITE IMPROVEMENTS	LS			(60)
SITE PREPARATIONS	LS			(30)
SUBTOTAL				28,210
CONTINGENCY (5%)				1,410
TOTAL CONTRACT COST				29,620
SIOH (5.7%)				1,690
SUBTOTAL				31,310
TOTAL REQUEST ROUNDED				31,310
TOTAL REQUEST				31,310
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a new electrical substation at 14th Street and Del Valle. This substation will support the new development area in the North Mainside. Substation shall consist of a 38 kV main vacuum circuit breaker; one 5000 kVA, 34.5-12.47Y/7.2kV, 3-phase, 4-wire pad-mounted transformer with fans; 3-phase, 3-wire 34.5kV with under-built 3-phase, 4-wire 12.47Y/7.2kV medium voltage distribution systems; 15 kV main vacuum circuit breaker; six distribution 15 kV vacuum circuit breakers; and an enclosure (space) for a future tie breaker of equal capacity. Equipment is to be set on a concrete slab enclosed with a 10-foot high chain link fence. Substation shall have enough space to install a future back-up substation (of same capacity).</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Sub-Station and Electrical Upgrades	
5. Program Element 0815796M	6. Category Code 81320	7. Project Number P127	8. Project Cost (\$000) 31,310	
Failure to provide these essential utilities will result in a shortage of usable facilities as Marines arrive at their assigned installations.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract			Design Bid Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,500
(B) All other design costs				\$300
(C) Total				\$1,800
(D) Contract				\$1,680
(E) In-house				\$120
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Melvin Pickens		Phone No: 760.830.7694		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Sub-Station and Electrical Upgrades	
5. Program Element 0815796M	6. Category Code 81320	7. Project Number P127	8. Project Cost (\$000) 31,310	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Infra. Upgrade - 34.5Kv to 115Kv	
5. Program Element 0815796M	6. Category Code 81320	7. Project Number P128	8. Project Cost (\$000) 46,220	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ELEC. INFRA. UPGRADE - 34.5KV TO 115KV	LS			36,540
NEW 115 KV TRANSMISSION LINES (102,959 LF)	m	31,382	872	(27,370)
UPGRADE SUBSTATIONS (2) (115 KV)	KV	115	17,391	(2,000)
NEW SUBSTATION (115 KV)	KV	115	48,783	(5,610)
SPECIAL COSTS	LS			(1,560)
SUPPORTING FACILITIES				5,110
SPECIAL CONSTRUCTION FEATURES	LS			(2,080)
ENVIRONMENTAL MITIGATION	LS			(3,030)
SUBTOTAL				41,650
CONTINGENCY (5%)				2,080
TOTAL CONTRACT COST				43,730
SIOH (5.7%)				2,490
SUBTOTAL				46,220
TOTAL REQUEST ROUNDED				46,220
TOTAL REQUEST				46,220
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct the "Leather Neck" sub-station and provide upgrades to the "Hi-Desert" and "Carodean" sub-stations off base. Also construct a new transmission sub-station with three, regulated transmission sub-station transformers and 115kV and 38kV switching and protective devices in the vicinity of the existing Ocotillo switching station at Bldg 3083. Upgrade the existing Southern California Edison dedicated 34.5kV medium voltage distribution system. Provide extension of a new medium voltage distribution line. Special costs include conversion of an existing Southern California Edison (SCE) line to base property.</p> <p>Supporting Facilities: Include utility easements for the new utility corridor off base. Environmental Mitigation includes Pre-construction survey, Bio-monitoring, and mitigation for the new off base utility corridor to bring in the new 115 kv line.</p>				
<b>11. Requirement:</b>				
		<b>Adequate:</b>	<b>Substandard:</b>	
<b>PROJECT:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Infra. Upgrade - 34.5Kv to 115Kv	
5. Program Element 0815796M	6. Category Code 81320	7. Project Number P128	8. Project Cost (\$000) 46,220	
<p>Constructs and extends utilities to the new substation constructed by FY 2010 P-127 in support of planned facilities in the north Mainside build-out area. The planned facilities will support the units that will be relocated to MCB Twentynine Palms as part of the Grow the Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project will provide adequate utilities to support the stand up of several new units proposed to be located to Twentynine Palms. Facilities include an upgrade to Ocotillo Substation.</p> <p><b>CURRENT SITUATION:</b></p> <p>In order to accommodate the units that will stand up at Twentynine Palms, an area that is currently undeveloped will need utilities. Utility infrastructure must be constructed before facility development can begin.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to grow over the next five years. Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$2,700
(B) All other design costs				\$300
(C) Total				\$3,000
(D) Contract				\$2,700
(E) In-house				\$300
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Infra. Upgrade - 34.5Kv to 115Kv	
5. Program Element 0815796M	6. Category Code 81320	7. Project Number P128	8. Project Cost (\$000) 46,220	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Power Plant/Co-Gen/Gas Turbine - N	
5. Program Element 0815796M	6. Category Code 81145	7. Project Number P129	8. Project Cost (\$000) 53,260	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ELEC. POWER PLANT/CO-GEN/GAS TURBINE - N	LS			46,090
TURBINE FACILITY (8,000 SF)	m2	743.22	46,781.23	(34,770)
CHILLED WATER PLANT (7,000 SF)	m2	650.32	5,401.85	(3,510)
HEATING PLANT BLDG (5,000 SF)	m2	464.52	2,827.09	(1,310)
FUEL STORAGE TANK	GA	90,000	40.97	(3,690)
ANTI-TERRORISM/FORCE PROTECTION	LS			(430)
LEED AND EPACT 2005 COMPLIANCE	LS			(390)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(690)
BUILT-IN EQUIPMENT	LS			(190)
SPECIAL COSTS	LS			(1,110)
SUPPORTING FACILITIES				1,900
ELECTRICAL UTILITIES	LS			(510)
MECHANICAL UTILITIES	LS			(500)
PAVING AND SITE IMPROVEMENTS	LS			(520)
SITE PREPARATIONS	LS			(350)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
SUBTOTAL				47,990
CONTINGENCY (5%)				2,400
TOTAL CONTRACT COST				50,390
SIOH (5.7%)				2,870
SUBTOTAL				53,260
TOTAL REQUEST ROUNDED				53,260
TOTAL REQUEST				53,260
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: The Co-Generation complex will be constructed of pre-finished, pre-engineered steel building structures and will consist of 3 separate generation facilities and a fuel farm. The complex will be secured with a chain link fence.</p> <p>a) Facility # 1:</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Power Plant/Co-Gen/Gas Turbine - N	
5. Program Element 0815796M	6. Category Code 81145	7. Project Number P129	8. Project Cost (\$000) 53,260	
<p>The chiller facility will have 2 portions. One portion will have an open roof, and will house water cooled cooling towers which interact with the open atmosphere. The other portion will be enclosed with a roof structure, and will house a high temperature hot water absorption chiller, an electric-driven centrifugal chiller and there will be provisions for 2 additional centrifugal chillers for the purpose of stand-by/additional loads.</p> <p>The chiller plant will house various other equipment/systems:</p> <ul style="list-style-type: none"> <li>- Chilled water pumps;</li> <li>- Condenser water pumps;</li> <li>- Expansion tanks;</li> <li>- Chemical treatment systems;</li> <li>- Make-up water system;</li> <li>- Controls;</li> <li>- Maintenance personnel offices &amp; repair/work station rooms;</li> <li>- Heating, Ventilation and Air Conditioning (HVAC) systems for the chiller plant; and</li> <li>- All other required components &amp; accessories</li> </ul> <p>b) Facility # 2:</p> <p>The turbine facility will consist of two (2) natural gas driven turbines producing approximately 7.2 megawatts of electric power.</p> <p>The facility will include all the required equipment/systems:</p> <ul style="list-style-type: none"> <li>- Emission controls to reduce flue stack Nitrogen Oxide (NOx) emissions to the atmosphere;</li> <li>- Waste heat recovery system in order to improve the efficiency of the Co-Gen complex and to produce additional HTHW water for the site;</li> <li>- Cooling system to reduce the combustion air intake temperature for a more efficient combustion process (utilizing HTHW absorption chiller system);</li> <li>- Fuel natural gas compressor systems;</li> <li>- HVAC systems for the turbine plant;</li> <li>- Control systems for monitoring and operating major electrical equipment/components: pumps, emissions, breakers, and other monitoring equipment, to include Energy Management Control System (EMCS);</li> <li>- Air compressor systems; and</li> <li>- All other required components &amp; accessories</li> </ul> <p>c) Facility # 3:</p>				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Power Plant/Co-Gen/Gas Turbine - N	
5. Program Element 0815796M	6. Category Code 81145	7. Project Number P129	8. Project Cost (\$000) 53,260	
<p>Construct utilities to support the facilities planned for the undeveloped area north of 11th Street at Twentynine Palms. The planned facilities will support the units that will be relocated to Twentynine Palms as part of the Grow The Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project will provide adequate utilities to support the stand up of several new units proposed to be located to Twentynine Palms. Facilities include a Cogeneration Plant and supporting infrastructure includes a fuel farm.</p> <p><b>CURRENT SITUATION:</b></p> <p>In order to accommodate the units that will stand up at Twentynine Palms, an area that is currently undeveloped will need utilities.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$3,500
(B) All other design costs				\$546
(C) Total				\$4,046
(D) Contract				\$3,500
(E) In-house				\$546
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Power Plant/Co-Gen/Gas Turbine - N	
5. Program Element 0815796M	6. Category Code 81145	7. Project Number P129	8. Project Cost (\$000) 53,260	
<p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.</p> <p>Activity POC: Mel Pickens <span style="float: right;">Phone No: 760-830-7694</span></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Elec. Power Plant/Co-Gen/Gas Turbine - N	
5. Program Element 0815796M	6. Category Code 81145	7. Project Number P129	8. Project Cost (\$000) 53,260	
<p><b>Blank Page</b></p>				

1. Component NAVY		FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009	
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA				4. Project Title Water Improvements and Storage Tank		
5. Program Element 0815796M		6. Category Code 84210	7. Project Number P130	8. Project Cost (\$000) 30,610		
<b>9. COST ESTIMATES</b>						
Item		UM	Quantity	Unit Cost	Cost(\$000)	
WATER IMPROVEMENTS AND STORAGE TANK		LS			26,030	
POTABLE WATER RESERVOIR		GA	4,500,000	3.3	(14,850)	
POTABLE WATER LINE-20" (16,404 LF)		m	5,000	975	(4,880)	
POTABLE WATER LINE-12" (30,184 LF)		m	9,200	450	(4,140)	
POTABLE WATER LINE-6" (9,186 LF)		m	2,800	350	(980)	
LEED AND EPACT 2005 COMPLIANCE		LS			(50)	
OPERATION & MAINTENANCE SUPP INFO (OMSI)		LS			(320)	
SPECIAL COSTS		LS			(810)	
SUPPORTING FACILITIES					1,550	
SPECIAL CONSTRUCTION FEATURES		LS			(30)	
SPECIAL FOUNDATION FEATURES		LS			(20)	
ELECTRICAL UTILITIES		LS			(890)	
PAVING AND SITE IMPROVEMENTS		LS			(240)	
SITE PREPARATIONS		LS			(370)	
SUBTOTAL					27,580	
CONTINGENCY (5%)					1,380	
TOTAL CONTRACT COST					28,960	
SIOH (5.7%)					1,650	
SUBTOTAL					30,610	
TOTAL REQUEST ROUNDED					30,610	
TOTAL REQUEST					30,610	
<b>10. Description of Proposed Construction:</b>						
<p>Primary Facilities: A new 4.5 million gallon concrete potable water storage reservoir will be constructed. New 20-inch PVC distribution line from the new reservoir will service the new Grow the Force facilities in North Mainside. The potable water distribution improvements to the Mainside Area will have the necessary valves for cross-connection control. The system improvements will provide the necessary potable water and fire pressure demand for the Grow the Force requirements. The two existing 20-inch diameter steel potable water transmission mains will be relocated to</p>						



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Water Improvements and Storage Tank	
5. Program Element 0815796M	6. Category Code 84210	7. Project Number P130	8. Project Cost (\$000) 30,610	
<p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 07/2008</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete 01/2009</p> <p>(C) Date design completed 08/2009</p> <p>(D) Percent completed as of September 2008 15%</p> <p>(E) Percent completed as of January 2009 35%</p> <p>(F) Type of design contract Design Bid Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy Study/Life Cycle Analysis performed Yes</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design</p> <p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications \$1,500</p> <p>(B) All other design costs \$304</p> <p>(C) Total \$1,804</p> <p>(D) Contract \$1,500</p> <p>(E) In-house \$304</p> <p>4. Contract award: 12/2009</p> <p>5. Construction start: 01/2010</p> <p>6. Construction complete: 09/2011</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.</p> <p>Activity POC: Leon Bowling Phone No: 760-830-7691</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Water Improvements and Storage Tank	
5. Program Element 0815796M	6. Category Code 84210	7. Project Number P130	8. Project Cost (\$000) 30,610	
<b>Blank Page</b>				

1. Component NAVY		FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009	
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA				4. Project Title Sewage System Improvements and Lift Station		
5. Program Element 0815796M		6. Category Code 83210	7. Project Number P131	8. Project Cost (\$000) 5,800		
<b>9. COST ESTIMATES</b>						
Item		UM	Quantity	Unit Cost	Cost(\$000)	
SEWAGE SYSTEM IMPROVEMENTS AND LIFT STATION (12,572 LF)		m	3,832		3,440	
SEWER LINE-12" (5,135 LF)		m	1,565	335.95	(530)	
SEWER LINE -10" (2,379 LF)		m	725	296.86	(220)	
SEWER LINE-8" (5,059 LF)		m	1,542	252.01	(390)	
UPGRADE HEADWORKS		LS			(1,900)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(20)	
LEED AND EPACT 2005 COMPLIANCE		LS			(10)	
OPERATION & MAINTENANCE SUPP INFO (OMSI)		LS			(40)	
SPECIAL COSTS		LS			(330)	
SUPPORTING FACILITIES					1,790	
MECHANICAL UTILITIES		LS			(1,310)	
PAVING AND SITE IMPROVEMENTS		LS			(130)	
SITE PREPARATIONS		LS			(190)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(160)	
SUBTOTAL					5,230	
CONTINGENCY (5%)					260	
TOTAL CONTRACT COST					5,490	
SIOH (5.7%)					310	
SUBTOTAL					5,800	
TOTAL REQUEST ROUNDED					5,800	
TOTAL REQUEST					5,800	
EQUIPMENT FROM OTHER					(247)	
APPROPRIATIONS (NON ADD)						
<b>10. Description of Proposed Construction:</b>						
<p>Primary Facility: Provides an extension to the existing sanitary sewer system that will be constructed to serve the new North Mainside area Grow the Force facilities. Sewer will consist of 8-inch, 10-inch and 12-inch gravity sewers, PVC sewer pipe. The sanitary sewer shall extend by gravity to the existing domestic Waste Water Treatment Facility (WWTF) in Mainside.</p> <p>The Mainside WWTF headworks will be modified with this project to accept the increase flow. Other costs include outside plant communications</p>						

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Sewage System Improvements and Lift Station	
5. Program Element 0815796M	6. Category Code 83210	7. Project Number P131	8. Project Cost (\$000) 5,800	
<p>infrastructure. Project will provide operation and maintenance support information. Information systems include wiring for local area network (LAN), fiber optic, and telephone access for controllers and flow meters. Sustainable design features are included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>Supporting Facilities: Include pre-cast reinforced concrete manholes, modifications to the existing WWTF headworks, and energy management controls to monitor flows. The project will also provide replacement paving, striping, and curbs on all existing roads where the utility crosses. The storm water management plan will be modified for this project. Site preparation includes the trenching and backfilling of this utility. Steel, concrete filled bollards will protect the manholes from tactical vehicles.</p>				
<p><b>11. Requirement:</b>     <u>3,832 m</u>     <b>Adequate:</b>     <u>0 m</u>     <b>Substandard:</b>     <u>0 m</u></p> <p><b>PROJECT:</b></p> <p>This project constructs an extension to the sanitary sewer lines for North Mainside Grow the Force facilities and improves the headworks at the WWTF of Mainside for the increased capacity. This construction is required to support the facilities planned for the undeveloped area north of 11th Street and provides for headworks upgrade at Twentynine Palms. The planned facilities will support the units that will be relocated to Twentynine Palms as part of the Grow the Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project will provide the sanitary sewer lines and WWTF upgrades required to support the stand up of several new units proposed to be located at Twentynine Palms.</p> <p><b>CURRENT SITUATION:</b></p> <p>In order to accommodate the units that will stand up at Twentynine Palms, an area that is currently undeveloped will need utilities. Utility infrastructure must be constructed and/or upgraded before facility development can begin.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Sewage System Improvements and Lift Station	
5. Program Element 0815796M	6. Category Code 83210	7. Project Number P131	8. Project Cost (\$000) 5,800	
(A) Date design or Parametric Cost Estimate started			07/2008	
(B) Date 35% Design or Parametric Cost Estimate complete			01/2009	
(C) Date design completed			08/2009	
(D) Percent completed as of September 2008			15%	
(E) Percent completed as of January 2009			35%	
(F) Type of design contract			Design Bid Build	
(G) Parametric Estimate used to develop cost			Yes	
(H) Energy Study/Life Cycle Analysis performed			Yes	
2. Basis:				
(A) Standard or Definitive Design			No	
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications			\$293	
(B) All other design costs			\$146	
(C) Total			\$439	
(D) Contract			\$293	
(E) In-house			\$146	
4. Contract award:			12/2009	
5. Construction start:			01/2010	
6. Construction complete:			12/2010	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Outside Plant and Connections		O&MMC	2011	247
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Leon Bowling			Phone No: 760-830-7691	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA		4. Project Title Sewage System Improvements and Lift Station	
5. Program Element 0815796M	6. Category Code 83210	7. Project Number P131	8. Project Cost (\$000) 5,800
<p><b>Blank Page</b></p>			

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title HTHW/Chilled Water System	
5. Program Element 0815796M	6. Category Code 82226	7. Project Number P132	8. Project Cost (\$000) 25,790	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
HTHW/CHILLED WATER SYSTEM (37,402 LF)	m	11,400		17,160
HIGH TEMP HOT WATER LINE (18,701 LF)	m	5,700	1,427.39	(8,140)
CHILLED WATER DISTRIBUTION SYS (18,701 LF)	m	5,700	1,427.39	(8,140)
LEED AND EPACT 2005 COMPLIANCE	LS			(20)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(290)
SPECIAL COSTS	LS			(570)
SUPPORTING FACILITIES				6,080
MECHANICAL UTILITIES	LS			(3,430)
PAVING AND SITE IMPROVEMENTS	LS			(2,240)
SITE PREPARATIONS	LS			(410)
SUBTOTAL				23,240
CONTINGENCY (5%)				1,160
TOTAL CONTRACT COST				24,400
SIOH (5.7%)				1,390
SUBTOTAL				25,790
TOTAL REQUEST ROUNDED				25,790
TOTAL REQUEST				25,790
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construction includes the piping infrastructure for the high temperature/hot water (HTHW) supply and return (S/R) system and the chilled water (CW) S/R system. The HTHW and CW systems will connect to the North Mainside Grow the Force facilities and tie into the existing HTHW and CW systems. The following will be major components of the systems:</p> <p>1) Non-Direct Buried Type Piping Systems: The Utilidor will be provided along the main street routes. The structure will be a reinforced concrete utility trench type and will house the main HTHWS/R and CWS/R piping. The structure will have removable concrete slab segments at the top. The top elevation of the structure will be at the finished grade elevation. Manhole structures within the Utilidor routes for accessing shut-off valves at each sub-branch from the mains will be provided and include the following:</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title HTHW/Chilled Water System	
5. Program Element 0815796M	6. Category Code 82226	7. Project Number P132	8. Project Cost (\$000) 25,790	
<p>a) Flow and pressure monitoring devices.</p> <p>b) Globe valves, located at return lines for both HTHWR and CHWR (right after each branch) in order to facilitate balancing of water flows. Globe balancing valves shall also be housed within the manholes.</p> <p>c) Isolation/Shut-Off valves.</p> <p>Expansion joints and anchors are to be placed at HTHW/R and CHSW/R routes within the concrete trench utilidor. The piping support system within the utility trenches shall be roller-type support system. The piping systems within the utility trenches shall be pre-insulated, pre-fabricated type with metal jacket.</p> <p>2) Above Grade Type Piping Systems: Some of the HTHWS/R and CHWS/R piping systems will be located above grade on raised support metal structures. The support assembly shall include roller-type support system. The piping systems shall be pre-insulated, pre-fabricated type with metal jackets.</p> <p>3) Direct Buried Type Piping Systems: Some of the branch and sub-branch HTHWS/R and CHWS/R piping systems will be direct buried type. The pre-insulated, pre-fabricated direct buried type will have anchor and expansion loops within its route.</p> <p>4) Tie-In to the Existing 8-inch Above Grade HTHWS/R System: The North Mainside site HTHW loop will be tied into the existing Zone 4 HTHW loop located at the east end of 9th Street. The North Mainside 8-inch HTHWS/R piping to be extended and connected to the existing 8-inch HTHWS/R will be supplied with valves and isolation manifold to allow back-up/stand-by/interchange-ability option to the HTHW flow.</p> <p>Other costs include the provision of operation and maintenance support information. The project provides for the design anti-terrorism/force protection features. The project incorporates sustainable design features into design, development, and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: This project provides for electrical systems to include communications to support energy management system. Mechanical systems will include an EMS for monitoring usage. Paving and site improvements include curb and gutter replacement, and reinforced 6-inch concrete paving for HTWH and chilled water line vaults. Chain link fencing and gates are also provided. Modification of the storm water management plan documenting lines is required under this project. Site Preparation</p>				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title HTHW/Chilled Water System	
5. Program Element 0815796M	6. Category Code 82226	7. Project Number P132	8. Project Cost (\$000) 25,790	
(E) In-house				\$312
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Leon Bowling			Phone No: 760-830-7691	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399(CW) MARINE CORPS BASE TWENTYNINE PALMS (CAMP WILSON) TWENTYNINE PALMS, CALIFORNIA			4. Project Title Natural Gas System Extension	
5. Program Element 0815796M	6. Category Code 82410	7. Project Number P133	8. Project Cost (\$000) 19,990	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
NATURAL GAS SYSTEM EXTENSION (95,046 LF)	m	28,970		17,350
NATURAL GAS DISTRIBUTION LINES NORTH MAINSIDE (32,710 LF)	m	9,970	661.2	(6,590)
NATURAL GAS BRANCH LINES MAINSIDE (3,281 LF)	m	1,000	289.21	(290)
NATURAL GAS DISTRIBUTION LINES CAMP WILSON (40,026 LF)	m	12,200	661.34	(8,070)
NATURAL GAS BRANCH LINES CAMP WILSON (19,029 LF)	m	5,800	289.27	(1,680)
LEED AND EPACT 2005 COMPLIANCE	LS			(40)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(170)
BUILT-IN EQUIPMENT	LS			(310)
SPECIAL COSTS	LS			(200)
SUPPORTING FACILITIES				660
SITE PREPARATIONS	LS			(410)
ENVIRONMENTAL MITIGATION	LS			(250)
SUBTOTAL				18,010
CONTINGENCY (5%)				900
TOTAL CONTRACT COST				18,910
SIOH (5.7%)				1,080
SUBTOTAL				19,990
TOTAL REQUEST ROUNDED				19,990
TOTAL REQUEST				19,990
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: The project constructs and extends an underground high pressure (400 psi) main piping, medium pressure piping, and low pressure (45 to 20 psi) branch natural gas piping system. The system will be equipped with isolation valves, pressure reducing valves, pressure reducing stations, pressure regulating stations, natural gas earthquake shut-off valves, natural gas meters and all other related/associated components and accessories. Project includes scope to bring new Southern California Gas Company service up to the boundary line to a point of connection located at Condor Gate (at corner of Condor Road and Sun Flower). The main high pressure piping will run along Del Valle Road to the North Mainside site</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399(CW) MARINE CORPS BASE TWENTYNINE PALMS (CAMP WILSON) TWENTYNINE PALMS, CALIFORNIA			4. Project Title Natural Gas System Extension	
5. Program Element 0815796M	6. Category Code 82410	7. Project Number P133	8. Project Cost (\$000) 19,990	
<p>and shall extend to special area Camp Wilson/SELF. The high pressure 6-inch gas line will branch out from Del Valle Road and feed the new co-generation/high temperature/hot water boiler complex which will be located at North Mainside site. Portions of the route from North Mainside to Camp Wilson may be constructed with PVC type natural gas piping (with maximum possible pressure rating), to facilitate/ensure that all areas within Camp Wilson/SELF will be provided with natural gas piping. The minimum burial depth shall be 5 feet at any pipe route, and where vehicle crossings above the gas line occurs, the pipe shall be protected by a 6-inch thick reinforced concrete slab above the pipe. Branch and sub-branches/laterals will be provided to various buildings at all sites that will require natural gas.</p> <p>Supporting Facilities: Site preparation includes trenching, backfilling, and provisions for sand on top of the gas line. Electrical work includes an active cathodic protection system on all black steel piping. Mechanical work includes exterior factory coating of piping and other miscellaneous equipment and systems. Environmental mitigation will be required to bring a new gas feed from off base.</p>				
<p>11. Requirement: <u>28,970 m</u> Adequate: <u>0 m</u> Substandard: <u>0 m</u></p> <p><b>PROJECT:</b></p> <p>This project constructs a high pressure natural gas system throughout the proposed construction area and includes a distribution line that connects Camp Wilson to the main system. Construction is required to support the facilities planned for the undeveloped area north of 11th street (North Mainside) and at the Camp Wilson, Twentynine Palms. The planned facilities will support the units that will be relocated to Twentynine Palms as part of the Grow the Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project will provide the natural gas system required to support the stand up of several new units proposed to be located to Twentynine Palms.</p> <p><b>CURRENT SITUATION:</b></p> <p>In order to accommodate the units that will stand up at Twentynine Palms, an area that is currently undeveloped will need utilities. Utility infrastructure must be constructed before facility development can begin.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential utilities will result in a shortage of usable facilities as Marines arrive at their assigned installations.</p>				
12. Supplemental Data:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399(CW) MARINE CORPS BASE TWENTYNINE PALMS (CAMP WILSON) TWENTYNINE PALMS, CALIFORNIA			4. Project Title Natural Gas System Extension	
5. Program Element 0815796M	6. Category Code 82410	7. Project Number P133	8. Project Cost (\$000) 19,990	
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract			Design Bid Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,200
(B) All other design costs				\$205
(C) Total				\$1,405
(D) Contract				\$1,200
(E) In-house				\$205
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				04/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Mel Pickens		Phone No: 760-830-7694		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399(CW) MARINE CORPS BASE TWENTYNINE PALMS (CAMP WILSON) TWENTYNINE PALMS, CALIFORNIA		4. Project Title Natural Gas System Extension	
5. Program Element 0815796M	6. Category Code 82410	7. Project Number P133	8. Project Cost (\$000) 19,990
<p><b>Blank Page</b></p>			

1. Component NAVY		FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009	
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA				4. Project Title Construct Roads - North Mainside		
5. Program Element 0815796M		6. Category Code 85110	7. Project Number P143	8. Project Cost (\$000) 29,360		
<b>9. COST ESTIMATES</b>						
Item		UM	Quantity	Unit Cost	Cost(\$000)	
CONSTRUCT ROADS - NORTH MAINSIDE (838,724 SF)		m2	77,920		18,040	
CONCRETE ROAD (TANK TRAIL) (322,917 SF)		m2	30,000	220.11	(6,600)	
ASPHALT ROAD (515,807 SF)		m2	47,920	129.78	(6,220)	
LEED AND EPACT 2005 COMPLIANCE		LS			(4,920)	
SPECIAL COSTS		LS			(300)	
SUPPORTING FACILITIES					8,420	
ELECTRICAL UTILITIES		LS			(970)	
PAVING AND SITE IMPROVEMENTS		LS			(4,450)	
DEMOLITION		LS			(1,490)	
ENVIRONMENTAL MITIGATION		LS			(1,510)	
SUBTOTAL					26,460	
CONTINGENCY (5%)					1,320	
TOTAL CONTRACT COST					27,780	
SIOH (5.7%)					1,580	
SUBTOTAL					29,360	
TOTAL REQUEST ROUNDED					29,360	
TOTAL REQUEST					29,360	
<b>10. Description of Proposed Construction:</b>						
<p>Primary Facilities: Project constructs a network of paved circulation roads to serve North Mainside. New pavement will include a concrete trail to accommodate tracked vehicles and asphalt road for other vehicles. The project is required in order to support the Grow the Force requirements for the Marine Corps Air Ground Combat Center, Twentynine Palms California. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Supporting Facilities: Electrical systems include traffic lights and street lights. Paving and site improvements provide for curbs and gutters, sidewalks, and pedestrian bridges. Box culverts will provide storm drainage. Environmental mitigation includes tortoise fencing and bio-monitoring. This project provides for the demolition of the existing tank trail.</p>						

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Construct Roads - North Mainside	
5. Program Element 0815796M	6. Category Code 85110	7. Project Number P143	8. Project Cost (\$000) 29,360	
<p><b>PROJECT REQUIREMENT:</b> <u>77,920 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p>Construct paved circulation roadway network to accommodate the projected increase in traffic for North Mainside. Roadways to support tracked vehicles and other vehicles. Project includes sidewalks, curbs and gutters and pedestrian bridges. The planned roadway will support the units that will be relocated to Twentynine Palms as part of the Grow The Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project will provide adequate roadways (tracked and non-tracked vehicles) to support the stand up of several new units proposed to be located to Twentynine Palms.</p> <p><b>CURRENT SITUATION:</b></p> <p>In order to accommodate the units that will stand up at Twentynine Palms, an area that is currently undeveloped will need utilities. Utility infrastructure must be constructed before facility development can begin.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential roadways will result in a shortage of usable facilities as Marines arrive at their assigned installations</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,800
(B) All other design costs				\$200
(C) Total				\$2,000
(D) Contract				\$1,800
(E) In-house				\$200
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				09/2011



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Construct Roads - North Mainside	
5. Program Element 0815796M	6. Category Code 85110	7. Project Number P143	8. Project Cost (\$000) 29,360	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Industrial Waste Water Pretreatment System	
5. Program Element 0815796M	6. Category Code 83116	7. Project Number P146	8. Project Cost (\$000) 3,330	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
INDUSTRIAL WASTE WATER PRETREATMENT SYSTEM	LS			2,350
OIL WATER SEPARATOR	KG	2.5	69,537	(170)
INDUSTRIAL SEWER LINE (12,001 LF)	m	3,658	554.54	(2,030)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
LEED AND EPACT 2005 COMPLIANCE	LS			(30)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(30)
SPECIAL COSTS	LS			(70)
SUPPORTING FACILITIES				650
SPECIAL CONSTRUCTION FEATURES	LS			(380)
ELECTRICAL UTILITIES	LS			(80)
MECHANICAL UTILITIES	LS			(130)
PAVING AND SITE IMPROVEMENTS	LS			(50)
SITE PREPARATIONS	LS			(10)
SUBTOTAL				3,000
CONTINGENCY (5%)				150
TOTAL CONTRACT COST				3,150
SIOH (5.7%)				180
SUBTOTAL				3,330
TOTAL REQUEST ROUNDED				3,330
TOTAL REQUEST				3,330
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: One (1) 2.5 kg central oil/water separator will be constructed to accommodate all oily wastewater from vehicle maintenance, co-generation, and fuel storage facilities in the Grow the Force build-out of North Mainside. The wastewater will be treated and discharged into the sanitary sewer system. The design of this facility will duplicate four other central oil/water separators located in the Mainside area. The oil/water separator will be a multi-chambered gravity system with grit removal chamber, oil collection chamber with oil skimmer, coalescing chamber with coalescing equipment, a discharge chamber, and a 1000 gallon above ground storage tank for collection of oil. Project includes operation and maintenance support information. Other costs include Outside</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Industrial Waste Water Pretreatment System	
5. Program Element 0815796M	6. Category Code 83116	7. Project Number P146	8. Project Cost (\$000) 3,330	
(E) Percent completed as of January 2009				35%
(F) Type of design contract			Design Bid Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$110
(B) All other design costs				\$300
(C) Total				\$410
(D) Contract				\$370
(E) In-house				\$40
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				12/2010
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Leon Bowling			Phone No: 760-830-7691	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Industrial Waste Water Pretreatment System	
5. Program Element 0815796M	6. Category Code 83116	7. Project Number P146	8. Project Cost (\$000) 3,330	
<p><b>Blank Page</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0815796M	6. Category Code 72124	7. Project Number P170	8. Project Cost (\$000) 37,290	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS (97,575 SF)	m2	9,065		30,160
GTF- BEQ FIRST TANKS (97,575 SF)	m2	9,065	2,913.91	(26,410)
ANTI-TERRORISM/FORCE PROTECTION	LS			(660)
LEED AND EPACT 2005 COMPLIANCE	LS			(790)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(360)
BUILT-IN EQUIPMENT	LS			(370)
SPECIAL COSTS	LS			(1,030)
INFORMATION SYSTEMS	LS			(540)
SUPPORTING FACILITIES				2,270
SPECIAL CONSTRUCTION FEATURES	LS			(270)
SPECIAL FOUNDATION FEATURES	LS			(100)
ELECTRICAL UTILITIES	LS			(630)
MECHANICAL UTILITIES	LS			(600)
PAVING AND SITE IMPROVEMENTS	LS			(450)
SITE PREPARATIONS	LS			(220)
SUBTOTAL				32,430
CONTINGENCY (5%)				1,620
TOTAL CONTRACT COST				34,050
SIOH (5.7%)				1,940
SUBTOTAL				35,990
DESIGN/BUILD - DESIGN COST				1,300
TOTAL REQUEST ROUNDED				37,290
TOTAL REQUEST				37,290
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,394)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a high-rise reinforced concrete masonry unit block barracks for First Tank Battalion. Project to include fire suppression and alarm systems, reinforced concrete foundation and floors, and standing seam metal roof in compliance with Unified Facilities Criteria (UFC) 4-721-10 Design; Navy and Marine Corps Bachelor Housing. Project</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0815796M	6. Category Code 72124	7. Project Number P170	8. Project Cost (\$000) 37,290	
<p>provides 192 rooms of BEQ space for 1st Tanks and VMU-3 in the standard 2 x 0 configuration with private bathroom facilities. Community and service core areas consist of laundry facilities, multipurpose rooms, lounges, resource center, offices, Navy Marine Corps Intranet (NMCI) space (telecommunications room), housekeeping areas, mechanical/electrical/circulation, communal areas, and public restrooms. The project provides construction in compliance with current seismic requirements. Built-in equipment includes a service elevator. The public areas of the project comply with the Americans for Disabilities Act. Other costs include outside plant communications infrastructure. Project includes operation and maintenance support information. Information systems include wiring for Local Area Network (LAN), telephone, public address, and cable television. The project provides for design for Anti-Terrorism Force Protection (AT/FP) features including progressive collapse. Sustainable design features are included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>Supporting Facilities: Special construction features provide a segmental concrete retaining wall. The project also provides structural fill as a special foundation feature. Electrical systems include communications, electrical distribution, exterior lighting, and a transformer. Mechanical systems include water utilities, sanitary sewer utilities, energy management systems/controls, and an equipment yard. Paving and site improvements provide for roadway access, parking, curbs and gutters, sidewalks, landscaping, pedestrian features, and storm-water drainage improvements. Also includes storm-water pollution prevention plan. The project provides for site preparation including excavation.</p> <p>Intended Grade Mix: 354 E1-E3, 15 E4-E5 Total: 369 Persons Maximum Utilization: 384 E1-E3</p>				
<b>11. Requirement:</b> <u>9,065 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Provides 192 living spaces for First Tanks at Twentynine Palms. Project constructs barracks space to support the Grow the Force increased end strength. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0815796M	6. Category Code 72124	7. Project Number P170	8. Project Cost (\$000) 37,290	
<p>Adequate billeting facilities are required to support the Marines training at Twentynine Palms. This project is required to support the Grow the Force increased end strength.</p> <p><b>CURRENT SITUATION:</b> Barracks facilities at Twentynine Palms do not exist to support the increase in Marines due to the Grow the Force Initiative.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Failure to provide these essential facilities will result in a shortage of space, as Marines arrive at their assigned installations. Units without adequate essential facilities experience degradation of unit cohesion, retention and the ability to maintain equipment.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$750
(B) All other design costs				\$245
(C) Total				\$995
(D) Contract				\$795
(E) In-house				\$200
4. Contract award:				02/2010
5. Construction start:				07/2010
6. Construction complete:				02/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	1,000
NMCI		PMC	2011	1,394
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Laydown Site Work - North Mainside	
5. Program Element 0815796M	6. Category Code 85110	7. Project Number P171	8. Project Cost (\$000) 21,740	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
LAYDOWN SITE WORK - NORTH MAINSIDE (3,932,821 SF)	m2	365,371		17,380
ROUGH GRADING AND EXCAVATION (3,444,451 SF)	m2	320,000	22.36	(7,160)
CONCRETE-LINED DRAINAGE CHANNEL (423,786 SF)	m2	39,371	210.1	(8,270)
CULVERTS (64,583 SF)	m2	6,000	180.55	(1,080)
LEED AND EPACT 2005 COMPLIANCE	LS			(40)
SPECIAL COSTS	LS			(830)
SUPPORTING FACILITIES				2,210
PAVING AND SITE IMPROVEMENTS	LS			(1,140)
ENVIRONMENTAL MITIGATION	LS			(1,070)
SUBTOTAL				19,590
CONTINGENCY (5%)				980
TOTAL CONTRACT COST				20,570
SIOH (5.7%)				1,170
SUBTOTAL				21,740
TOTAL REQUEST ROUNDED				21,740
TOTAL REQUEST				21,740
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: This project extends the existing flood control channel north to the natural storm drain channels that collect from the hills and thereby will protect the entire North Mainside from flooding. The channel will be graded with a minimum bottom width of 11 feet, similar to the existing channel. The channel will be trapezoidal in cross section and concrete lined and paved. The channel will discharge into the existing 10th Street flood control channel for ultimate discharge into the storm retention area adjacent to sewer treatment plan and Mesquite Lake. This project also constructs culverts, and gabions will be provided in the channel to slow water flows and minimize erosion. Sustainable design features are included in the design, development, and construction of the facility in accordance with the Energy Policy Act 2005.</p> <p>Supporting Facilities: Paving and site improvements include culvert bridges. Environmental mitigation costs include biological survey, tortoise fencing, Bio-monitoring, non-potable water wells, and air</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Laydown Site Work - North Mainside	
5. Program Element 0815796M	6. Category Code 85110	7. Project Number P171	8. Project Cost (\$000) 21,740	
monitoring.				
<b>11. Requirement:</b> <u>365,371 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> To protect the North Mainside from flooding, the project will extend the existing flood control channel. Project will support the Grow the Force initiative at Twentynine Palms. <b>(Current Mission)</b> <b>REQUIREMENT:</b> This project will protect the North Mainside from periodic flooding. <b>CURRENT SITUATION:</b> In order to accommodate the units that will stand up at Twentynine Palms, the entire North Mainside area must be protected from flooding. <b>IMPACT IF NOT PROVIDED:</b> The North Mainside area has been designated for development to accommodate this growth. This area will not be protected from flooding without these measures.				
<b>12. Supplemental Data:</b> A. Estimated Design Data: 1. Status: (A) Date design or Parametric Cost Estimate started 07/2008 (B) Date 35% Design or Parametric Cost Estimate complete 01/2009 (C) Date design completed 08/2009 (D) Percent completed as of September 2008 15% (E) Percent completed as of January 2009 35% (F) Type of design contract Design Bid Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed Yes 2. Basis: (A) Standard or Definitive Design (B) Where design was previously used 3. Total Cost (C) = (A) + (B) = (D) + (E): (A) Production of plans and specifications \$1,700 (B) All other design costs \$350 (C) Total \$2,050 (D) Contract \$1,800 (E) In-house \$250 4. Contract award: 12/2009 5. Construction start: 01/2010 6. Construction complete: 04/2011 B. Equipment associated with this project which will be provided from				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Laydown Site Work - North Mainside	
5. Program Element 0815796M	6. Category Code 85110	7. Project Number P171	8. Project Cost (\$000) 21,740	
other appropriations: NONE				
<p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.</p>				
Activity POC: Bowling, Leon			Phone No: 760-830-7691	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Laydown Site Work - North Mainside	
5. Program Element 0815796M	6. Category Code 85110	7. Project Number P171	8. Project Cost (\$000) 21,740	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Secondary Elec.Dist. - North Mainside	
5. Program Element 0815796M	6. Category Code 81232	7. Project Number P172	8. Project Cost (\$000) 31,720	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SECONDARY ELEC.DIST. - NORTH MAINSIDE (161,942 LF)	m	49,360		28,490
ELECTRICAL DISTRIBUTION LINES 12 KV (139,757 LF)	m	42,598	545.46	(23,240)
ELECTRICAL DISTRIBUTION LINES 38 KV (22,185 LF)	m	6,762	756.28	(5,110)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(50)
SPECIAL COSTS	LS			(20)
SUPPORTING FACILITIES				90
PAVING AND SITE IMPROVEMENTS	LS			(70)
SITE PREPARATIONS	LS			(20)
SUBTOTAL				28,580
CONTINGENCY (5%)				1,430
TOTAL CONTRACT COST				30,010
SIOH (5.7%)				1,710
SUBTOTAL				31,720
TOTAL REQUEST ROUNDED				31,720
TOTAL REQUEST				31,720
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: This project constructs 12.47 kV, 3-phase secondary overhead electrical distribution lines to support buildings in the new development area in the North Mainside. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Energy Policy Act of 2005 as well as some AT/FP features.</p> <p>Supporting Facilities: Project includes site improvements such as irrigation measures as well as site preparation costs including clearing and excavation.</p>				
<b>11. Requirement:</b> <u>49,360 m</u> <b>Adequate:</b> <u>0 m</u> <b>Substandard:</b> <u>0 m</u> <b>PROJECT:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Secondary Elec.Dist. - North Mainside	
5. Program Element 0815796M	6. Category Code 81232	7. Project Number P172	8. Project Cost (\$000) 31,720	
<p>This project constructs 12.47 kV, 3-phase secondary overhead electrical transmission lines to support buildings in the new development area in the North Mainside. The planned facilities will support the units that will stand up at Twentynine Palms as part of the Grow The Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project will provide adequate secondary electrical utilities to support the stand up of several new units proposed to be located to Twentynine Palms.</p> <p><b>CURRENT SITUATION:</b></p> <p>In order to accommodate the units that will stand up at Twentynine Palms, an area that is currently undeveloped will need utilities before facility development can begin.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential utilities will result in a shortage of usable facilities as Marines arrive at their assigned installations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract	Design Bid Build			
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,750
(B) All other design costs				\$250
(C) Total				\$2,000
(D) Contract				\$1,750
(E) In-house				\$250
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Secondary Elec.Dist. - North Mainside	
5. Program Element 0815796M	6. Category Code 81232	7. Project Number P172	8. Project Cost (\$000) 31,720	
<p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.</p> <p>Activity POC: Mel Pickens <span style="float: right;">Phone No: 760-830-7694</span></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Secondary Elec.Dist. - North Mainside	
5. Program Element 0815796M	6. Category Code 81232	7. Project Number P172	8. Project Cost (\$000) 31,720	
<p><b>Blank Page</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Consolidated Armory, Tanks	
5. Program Element 0815796M	6. Category Code 14345	7. Project Number P173	8. Project Cost (\$000) 12,670	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CONSOLIDATED ARMORY, TANKS (18,153 SF)	m2	1,686.44		9,090
MISSILE EQUIP MAINT SHOP (10,047 SF)	m2	933.44	4,428	(4,130)
ARMORY (8,105 SF)	m2	753	3,343.9	(2,520)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
LEED AND EPACT 2005 COMPLIANCE	LS			(410)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(110)
BUILT-IN EQUIPMENT	LS			(980)
SPECIAL COSTS	LS			(570)
INFORMATION SYSTEMS	LS			(300)
SUPPORTING FACILITIES				1,930
SPECIAL FOUNDATION FEATURES	LS			(60)
ELECTRICAL UTILITIES	LS			(600)
MECHANICAL UTILITIES	LS			(1,000)
PAVING AND SITE IMPROVEMENTS	LS			(230)
SITE PREPARATIONS	LS			(40)
SUBTOTAL				11,020
CONTINGENCY (5%)				550
TOTAL CONTRACT COST				11,570
SIOH (5.7%)				660
SUBTOTAL				12,230
DESIGN/BUILD - DESIGN COST				440
TOTAL REQUEST ROUNDED				12,670
TOTAL REQUEST				12,670
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(443)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct an armory and a secured TOW / SABER missile equipment maintenance area for First Tank Battalion Reinforced.</p> <p>Construction includes a reinforced concrete masonry unit building with seismic upgrades, spread beam foundation, and standing seam metal roof.</p> <p>The project provides construction designed for Seismic Zone 4 in compliance</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Consolidated Armory, Tanks	
5. Program Element 0815796M	6. Category Code 14345	7. Project Number P173	8. Project Cost (\$000) 12,670	
<p>with current seismic requirements. In addition, facility shall include covered cleaning areas which are hazmat compliant. The facility includes NMCI closets. The facility must comply with Americans with Disability Act regulations. The facility includes arms storage/repair/issue rooms, TOW/SABER missile storage/repair, general storage room, and weapons cleaning area. The project provides for built-in equipment, including seven weapons storage steel cages for the armory, steel cleaning tables, working benches and counters. Other costs include outside plant (OSP) infrastructure for communications system. Project also includes operation and maintenance support information. Information systems include wiring for local area network (LAN), telephone, public address, and cable television. The project provides for design for Anti-terrorism Force Protection (AT/FP) features. The project incorporates sustainable design features into the design, development, and construction of the project in accordance with the Environmental Policy Act of 2005.</p> <p>Supporting Facilities: Special foundation features include structural fill. Electrical systems include communications, electrical distribution, exterior lighting, and a pad-mounted transformer. In addition, the armory must be provided with a building intrusion detection system (IDS). IDS will include point sensors on all doors and other man-passable openings, and area sensors covering the perimeter. Mechanical systems include water utilities, sanitary sewer utilities, energy management systems controls, and an equipment yard. Paving and site improvements provide for, curbs, gutters and sidewalks. The project provides for site preparation including excavation. The project provides for additional AT/FP with security fencing, barrier, and gates.</p>				
<p><b>11. Requirement:</b>     <u>1,687 m2</u>     <b>Adequate:</b>     <u>0 m2</u>     <b>Substandard:</b>     <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Construct facilities to support the relocation of First Tank Battalion Reinforced, which receives an additional company as part of Grow the Force. Once this facility is complete and First Tank Battalion moves out of currently occupied spaces, the Third Combat Engineer Battalion will move into the vacated spaces.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project will provide adequate armory facilities to support relocation of the First Tank Battalion Reinforced. Facilities include armory and missile maintenance shop.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Consolidated Armory, Tanks	
5. Program Element 0815796M	6. Category Code 14345	7. Project Number P173	8. Project Cost (\$000) 12,670	
<p>The First Tank Battalion expects an increase of one company which will make existing First Tanks facilities too small to house the reinforced battalion. The Grow the Force plan constructs adequate space for the reinforced battalion and allows the current space to be utilized by the Third Combat Engineering Battalion.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Failure to provide these essential facilities will result in a shortage of facilities as Marines arrive at their assigned installations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				07/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$373
(B) All other design costs				\$186
(C) Total				\$559
(D) Contract				\$430
(E) In-house				\$129
4. Contract award:				02/2010
5. Construction start:				06/2010
6. Construction complete:				12/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	PMC	2011	443	
<b>JOINT USE CERTIFICATION:</b>				
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department</p>				



1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009				
3. Installation and Location: N60508 NAS WHITING FLD MILTON FL EGLIN A.F.B., FLORIDA					4. Command Commander Navy Installations Command			5. Area Const Cost Index .95				
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
A. As Of 09-30-08		1331	312	120	0	0	0	28	50	0	1841	
B. End FY 2013		1323	296	120	0	0	0	44	57	0	1840	
<b>7. INVENTORY DATA (\$000)</b>												
A. TOTAL ACREAGE ..( Acres)												
B. INVENTORY AS OF 30 SEP 2008 .....											76,626	
C. AUTHORIZATION NOT YET IN INVENTORY .....											0	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											50,847	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											55,375	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											0	
G. REMAINING DEFICIENCY .....											62,407	
<b>H. GRAND TOTAL .....</b>											<b>245,255</b>	
8. Projects Requested In This Program												
<u>Cat</u>		<u>Design Status</u>					<u>Scope</u>		<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>						<u>(\$000)</u>			
12110	F-35 Hydrant Refueling System, Phase 1 (Eglin AFB)	05/2008	09/2009				0	LS	6,208			
12120	F-35 JP8 West Side Bulk Tank Upgrades (Eglin AFB)	05/2008	09/2009				4	EA	621			
14375	F-35 POL Operations Facility (Eglin AFB)	05/2008	09/2009				5822	m2	2,056			
12620	F-35 JP8 Flightline Fillstands (Eglin AFB)	05/2008	09/2009				2	EA	3,492			
11210	F-35 Parallel Taxiway Ladder (Eglin AFB)	05/2008	09/2009				11617	m2	931			
11320	F-35 A/C Parking Apron (Eglin AFB)	05/2008	09/2009				110000	m2	11,252			
72114	BEQ, EOD School Phase 2	12/2008	06/2009				9130	m2	26,287			
							TOTAL	50,847				
9. Future Projects:												
A. Included In The Following Program:												
12110 F-35 Hydrant Refueling System, Phase 2 (Eglin AFB)											2,592	
17120 Applied Inst Facility-WMD Training											36,030	
17120 Applied Inst Fac-EOD Course Exp-U.S. Army											16,753	
							TOTAL	55,375				
B. Major Planned Next Three Years:												
C. R&M Unfunded Requirement (\$000):											391,411	
10. Mission or Major Functions:												
To efficiently provide the best services and material support for training U.S. Navy, Marine Corps, Air Force, Coast Guard and International student aviators, and for tenant activities and outside organizations in support of												

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N60508 NAS WHITING FLD MILTON FL EGLIN A.F.B., FLORIDA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .95
the national military strategy.		
11. Outstanding Pollution and Safety Deficiencies (\$000): A. Pollution Abatement(*): 0 B. Occupational Safety and Health(OSH)(#): 0		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 Hydrant Refueling System Phase 1	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P902F	8. Project Cost (\$000) 6,208	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 HYDRANT REFUELING SYSTEM PHASE 1	LS			10,540
HYDROSTATIC LEAK DETECTION SYSTEM	LS			(600)
AUTOMATED FILTER PIT CONTROL STATION	EA	1	1,188,000	(1,190)
3000 GPM PUMP HOUSE / CONTROL ROOM	GM	3,000	1,759.8	(5,280)
FUEL DISTRIBUTION PIPING	LF	6,400	355.46	(2,270)
PANOTGRAPH REFUELING ARMS	EA	4	299,820	(1,200)
SUPPORTING FACILITIES				2,350
ELECTRICAL UTILITIES	LS			(500)
MECHANICAL UTILITIES	LS			(500)
PAVING AND SITE IMPROVEMENTS	LS			(250)
DEMOLITION	LS			(700)
DIESEL/CATHODIC PROTECTION/ROADS	LS			(300)
COMMUNICATIONS	LS			(100)
SUBTOTAL				12,890
CONTINGENCY (5%)				640
TOTAL CONTRACT COST				13,530
SIOH (5.7%)				770
SUBTOTAL				14,300
AIR FORCE ADDITIONAL FUNDING REQUIRED	LS			-8,100
TOTAL REQUEST ROUNDED				6,200
TOTAL REQUEST				6,208
<b>10. Description of Proposed Construction:</b>				
Construct JP-8 Type IV hydrant fueling system capable of simultaneously servicing four aircraft hot pit refueling sites complete with a standard Type IV pump-house with pumps and filter separators. The system will be connected to the existing bulk storage tanks and transfer lines. The existing Fuel Pump House (Bldg 1304) will be demolished. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for Design, development, and				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009										
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 Hydrant Refueling System Phase 1											
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P902F	8. Project Cost (\$000) 6,208											
<p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <table border="0"> <tr> <td>(A) Production of plans and specifications</td> <td style="text-align: right;">\$768</td> </tr> <tr> <td>(B) All other design costs</td> <td style="text-align: right;">\$384</td> </tr> <tr> <td>(C) Total</td> <td style="text-align: right;">\$1,152</td> </tr> <tr> <td>(D) Contract</td> <td style="text-align: right;">\$960</td> </tr> <tr> <td>(E) In-house</td> <td style="text-align: right;">\$192</td> </tr> </table> <p>4. Contract award: 02/2010</p> <p>5. Construction start: 03/2010</p> <p>6. Construction complete: 08/2011</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.</p>					(A) Production of plans and specifications	\$768	(B) All other design costs	\$384	(C) Total	\$1,152	(D) Contract	\$960	(E) In-house	\$192
(A) Production of plans and specifications	\$768													
(B) All other design costs	\$384													
(C) Total	\$1,152													
(D) Contract	\$960													
(E) In-house	\$192													
Activity POC: Col Dennis D. Yates		Phone No: 850 882-2876												

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA		4. Project Title F-35 Hydrant Refueling System Phase 1	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P902F	8. Project Cost (\$000) 6,208
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 JP8 West Side Bulk Tank Upgrades	
5. Program Element 0203176N	6. Category Code 12120	7. Project Number P905F	8. Project Cost (\$000) 621	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 JP8 WEST SIDE BULK TANK UPGRADES	EA	4		1,200
TRUCK OFF-LOAD / LOAD COMBO SKID	EA	4	300,000	(1,200)
SUPPORTING FACILITIES				230
PAVING AND SITE IMPROVEMENTS	LS			(230)
SUBTOTAL				1,430
CONTINGENCY (5%)				70
TOTAL CONTRACT COST				1,500
SIOH (5.7%)				90
SUBTOTAL				1,590
AIR FORCE ADDITIONAL FUNDING REQUIRED	LS			-960
TOTAL REQUEST ROUNDED				630
TOTAL REQUEST				621
<b>10. Description of Proposed Construction:</b>				
<p>Upgrade two existing 1M gallon Jet Propellant 8 (JP-8) fuel tanks to include tanker truck receipt and R-11 refueling vehicle load capability. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>4 EA</u> <b>Adequate:</b> <u>0 EA</u> <b>Substandard:</b> <u>0 EA</u>				
<b>PROJECT:</b>				
Upgrade existing JP-8 west side fuel tanks.				
<b>(New Mission)</b>				
<b>REQUIREMENT:</b>				
Eglin AFB has been established as an initial joint training site for the new Joint Strike Fighter (JSF) aircraft (F-35). The scheduled date for standup of JSF operations at Eglin AFB is Oct 2009, with the first aircraft scheduled to arrive in 2010. Included in the buildup is 133 JSF aircraft with a fuel load capacity of approximately 2,700 gallons each. Planned daily flying operations for the JSF are 100 sorties with a total days JP-8 consumption of approximately 270,000 gallons or 70.2M gallons per year. The JP-8 consumption for the JSF will increase the 33rd Fighter Wing's current mission demands by 388%. Additional fuels receipt, storage and issue capability is needed to meet projected mission requirements directly				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 JP8 West Side Bulk Tank Upgrades	
5. Program Element 0203176N	6. Category Code 12120	7. Project Number P905F	8. Project Cost (\$000) 621	
related to the basing of the JSF at Eglin AFB.				
<b>CURRENT SITUATION:</b>				
The two 1M gallon JP-8 bulk storage tanks do not have tanker truck offloading capability needed in the event of interruption in barge resupply and the loading capability is insufficient to meet requirements of the JSF.				
<b>IMPACT IF NOT PROVIDED:</b>				
Failure to provide additional fuels infrastructure will adversely impact the refueling operations.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				05/2008
(B) Date 35% Design or Parametric Cost Estimate complete				09/2008
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				35%
(E) Percent completed as of January 2009				50%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$96
(B) All other design costs				\$48
(C) Total				\$144
(D) Contract				\$120
(E) In-house				\$24
4. Contract award:				02/2010
5. Construction start:				03/2010
6. Construction complete:				08/2010
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.				
Activity POC: Col. Dennis D. Yates                      Phone No: 850 882-2876				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 POL Operations Facility	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P906F	8. Project Cost (\$000) 2,056	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 POL OPERATIONS FACILITY (62,667 SF)	m2	5,822		3,520
CONCRETE PARKING LOT W/SPILL CONTAINMENT (51,495 SF)	m2	4,784	91.78	(440)
POL OPS FACILITY (3,993 SF)	m2	371	2,628.23	(980)
REFUELER MAINTENANCE FACILITY (7,180 SF)	m2	667	2,945.29	(1,960)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
LEED AND EPACT 2005 COMPLIANCE	LS			(70)
SUPPORTING FACILITIES				1,190
ELECTRICAL UTILITIES	LS			(300)
MECHANICAL UTILITIES	LS			(300)
SITE PREPARATIONS	LS			(250)
DEMOLITION	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(190)
SUBTOTAL				4,710
CONTINGENCY (5%)				240
TOTAL CONTRACT COST				4,950
SIOH (5.7%)				280
SUBTOTAL				5,230
AIR FORCE ADDITIONAL FUNDING REQUIRED	LS			-3,180
TOTAL REQUEST ROUNDED				2,050
TOTAL REQUEST				2,056
<b>10. Description of Proposed Construction:</b>				
Construct a single-story sprinkler equipped facility consisting of concrete foundation, split-faced concrete block over steel frame and sloped standing seam metal roof. Building will provide support to 22 R-11 aircraft refueler tankers and associated personnel. Project will demolish existing Operations Facility, B1304 (98 SM). The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 POL Operations Facility	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P906F	8. Project Cost (\$000) 2,056	
(D) Contract				\$398
(E) In-house				\$79
4. Contract award:				02/2010
5. Construction start:				03/2010
6. Construction complete:				03/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.				
Activity POC: Col Dennis D. Yates			Phone No: 850 882-2876	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA		4. Project Title F-35 POL Operations Facility	
5. Program Element 0212176N	6. Category Code 12110	7. Project Number P906F	8. Project Cost (\$000) 2,056
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 JP8 Flightline Fillstands	
5. Program Element 0212176N	6. Category Code 12516	7. Project Number P907F	8. Project Cost (\$000) 3,492	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 JP8 FLIGHTLINE FILLSTANDS	EA	2		4,850
TRUCK FILSTANDS	EA	2	225,156.23	(450)
PUMPHOUSE	LS			(2,700)
RECIEPT FILTRATION	LS			(1,000)
SUPPLY AND PIPING FROM TANK	LS			(700)
SUPPORTING FACILITIES				3,160
SPECIAL CONSTRUCTION FEATURES	LS			(160)
ELECTRICAL UTILITIES	LS			(390)
MECHANICAL UTILITIES	LS			(1,410)
PAVING AND SITE IMPROVEMENTS	LS			(1,100)
SITE PREPARATIONS	LS			(100)
SUBTOTAL				8,010
CONTINGENCY (5%)				400
TOTAL CONTRACT COST				8,410
SIOH (5.7%)				480
SUBTOTAL				8,890
AIR FORCE ADDITIONAL FUNDING REQUIRED	LS			-5,400
TOTAL REQUEST ROUNDED				3,490
TOTAL REQUEST				3,492
<b>10. Description of Proposed Construction:</b>				
Construct two Jet Propellant 8 (JP-8) truck fillstands adjacent to the aircraft parking ramp. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.				
<b>11. Requirement:</b> <u>4 EA</u> <b>Adequate:</b> <u>2 EA</u> <b>Substandard:</b> <u>0 EA</u>				
<b>PROJECT:</b>				
Construct two JP-8 truck fillstands. JP-8 is the designation for the fuel that will be used by the Joint Strike Fighter (JSF).				
<b>(New Mission)</b>				
<b>REQUIREMENT:</b>				
Eglin AFB has been established as an initial joint training site for the new JSF aircraft (F-35). The scheduled date for standup of JSF operations at Eglin AFB is Oct 2009, with the first aircraft scheduled to arrive in				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 JP8 Flightline Fillstands	
5. Program Element 0212176N	6. Category Code 12516	7. Project Number P907F	8. Project Cost (\$000) 3,492	
<p>2010. Included in the buildup are 133 JSF aircraft with a fuel load capacity of approximately 2,700 gallons each. Planned daily flying operations for the JSF are 100 sorties with a total days JP-8 consumption of approximately 270,000 gallons or 70.2M gallons per year. This will increase Eglin's total annual consumption to 88.4M gallons or a 245% increase. Additional fuels receipt, storage and issue capability is needed to meet projected mission requirements directly related to the basing of the JSF at Eglin AFB.</p> <p><b>CURRENT SITUATION:</b></p> <p>Currently there are two JP-8 truck fillstands located across the main roadway from the 33rd Fighter Wing aircraft parking ramp. JP-8 tank trucks servicing aircraft on the ramp currently have to cross the busy roadway to replenish their tanks. Providing two additional JP-8 fillstands in close proximity to the flight line area will reduce aircraft refueling response times and reduce the chance for mishap by eliminating the need for the refueling vehicles to cross the busy roadway to replenish tanks.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The sortie rate for JSFs will not be accomplished due to the inability to support the fuel demand. Failure to provide additional fuels infrastructure needed to support the JSF will adversely impact the aircraft refueling operations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				05/2008
(B) Date 35% Design or Parametric Cost Estimate complete				09/2008
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				35%
(E) Percent completed as of January 2009				50%
(F) Type of design contract	Design Bid Build			
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$540
(B) All other design costs				\$270
(C) Total				\$810
(D) Contract				\$135
(E) In-house				\$675
4. Contract award:				02/2010

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 JP8 Flightline Fillstands	
5. Program Element 0212176N	6. Category Code 12516	7. Project Number P907F	8. Project Cost (\$000) 3,492	
5. Construction start: 03/2010				
6. Construction complete: 03/2011				
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.				
Activity POC: Col Dennis D. Yates Phone No: 850 882-2876				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA		4. Project Title F-35 JP8 Flightline Fillstands	
5. Program Element 0212176N	6. Category Code 12516	7. Project Number P907F	8. Project Cost (\$000) 3,492
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 Parallel Taxiway Ladder	
5. Program Element 0203176N	6. Category Code 11210	7. Project Number P909F	8. Project Cost (\$000) 931	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 PARALLEL TAXIWAY LADDER (125,044 SF)	m2	11,617		1,830
TAXIWAY (75,024 SF)	m2	6,970	200	(1,390)
ASPHALT SHOULDER (50,020 SF)	m2	4,647	95	(440)
SUPPORTING FACILITIES				300
PAVING AND SITE IMPROVEMENTS	LS			(140)
ENVIRONMENTAL MITIGATION	LS			(50)
AIRFIELD MARKINGS / SIGNAGE	LS			(10)
UTILITIES	LS			(100)
SUBTOTAL				2,130
CONTINGENCY (5%)				110
TOTAL CONTRACT COST				2,240
SIOH (5.7%)				130
SUBTOTAL				2,370
AIR FORCE ADDITIONAL FUNDING REQUIRED	LS			-1,440
TOTAL REQUEST ROUNDED				930
TOTAL REQUEST				931
<b>10. Description of Proposed Construction:</b>				
Excavate, fill, and grade site for taxiway extension. Install appropriate stormwater structures and lighting. Construct new 16 inch thick concrete taxiway, including expansion joints and sealants, paint taxiway lines and markings and provide new signage. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.				
<b>11. Requirement:</b> <u>11,617 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
Construct a Parallel Taxiway.				
<b>(New Mission)</b>				
<b>REQUIREMENT:</b>				
Eglin AFB has been established as an initial joint training site for the new Joint Strike Fighter (JSF) aircraft (F-35). The scheduled date for the first F-35 arrival at Eglin AFB is 2010. This joint training site will include a maintenance schoolhouse where over 2,000 crew chiefs and weapons				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 Parallel Taxiway Ladder	
5. Program Element 0203176N	6. Category Code 11210	7. Project Number P909F	8. Project Cost (\$000) 931	
<p>and avionics personnel will come for specific F-35 training each year. Over 200 pilots will receive initial F-35 aircraft training via live mission and simulator flights.</p> <p><b>CURRENT SITUATION:</b></p> <p>The current taxiway system is congested with the existing missions on the west and east sides of the flightline. Traffic congestion becomes a much more severe concern once the new JSF aircraft arrive (over 100 additional aircraft). Of additional concern is the short taxi times associated with the F-35s thermal management system. Aircraft landing on Runway 30 have to taxi across Runway 01/19 twice to get to Taxiway H. This presents safety risks.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide additional taxiway to support the JSF at Eglin AFB will result in operational inefficiencies, such as aircraft shutting down on the taxiway due to the thermal management system, as well as adversely affecting the JSF program's ability to adequately train pilots.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				05/2008
(B) Date 35% Design or Parametric Cost Estimate complete				09/2008
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				35%
(E) Percent completed as of January 2009				50%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$144
(B) All other design costs				\$72
(C) Total				\$216
(D) Contract				\$180
(E) In-house				\$36
4. Contract award:				03/2010
5. Construction start:				07/2010
6. Construction complete:				01/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 Parallel Taxiway Ladder	
5. Program Element 0203176N	6. Category Code 11210	7. Project Number P909F	8. Project Cost (\$000) 931	
The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.				
<p>Activity POC: Col. Dennis D. Yates                      Phone No: 850 882-2876</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA		4. Project Title F-35 Parallel Taxiway Ladder	
5. Program Element 0203176N	6. Category Code 11210	7. Project Number P909F	8. Project Cost (\$000) 931
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 A/C Parking Apron	
5. Program Element 0212176N	6. Category Code 11320	7. Project Number P918F	8. Project Cost (\$000) 11,252	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
F-35 A/C PARKING APRON (1,184,030 SF)	m2	110,000		23,110
APRON (1,184,030 SF)	m2	110,000	191.87	(21,110)
AIRCRAFT POWER/COOLING ELECTRICAL DISTRO	LS			(1,500)
COMMUNICATION/SECURITY DISTRO	LS			(500)
SUPPORTING FACILITIES				1,800
ELECTRICAL UTILITIES	LS			(750)
PAVING AND SITE IMPROVEMENTS	LS			(50)
SITE PREPARATIONS	LS			(750)
ENVIRONMENTAL MITIGATION	LS			(250)
SUBTOTAL				24,910
CONTINGENCY (5%)				1,250
TOTAL CONTRACT COST				26,160
SIOH (5.7%)				1,490
SUBTOTAL				27,650
AIR FORCE ADDITIONAL FUNDING REQUIRED	LS			-16,400
TOTAL REQUEST ROUNDED				11,250
TOTAL REQUEST				11,252
<b>10. Description of Proposed Construction:</b>				
<p>Excavate, fill, and grade site for apron addition. Install appropriate stormwater structures. Construct aggregate base course and install aircraft tie-down/ground rods. Construct new 16 inch thick concrete apron, including dowel joint assemblies, expansion joints and joint sealant, paint apron lines &amp; markings, and new signage. Provide necessary edge lighting along with area lighting. Provide necessary electrical and communication distribution to support required cooling and connectivity requirements. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>***** m2</u> <b>Adequate:</b> <u>***** m2</u> <b>Substandard:</b> <u>91,016 m2</u>				
<b>PROJECT:</b>				
Construct an Aircraft Parking Apron.				
<b>(New Mission)</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 A/C Parking Apron	
5. Program Element 0212176N	6. Category Code 11320	7. Project Number P918F	8. Project Cost (\$000) 11,252	
<b>REQUIREMENT:</b> Eglin AFB has been established as an initial joint training site for the new Joint Strike Fighter (JSF) aircraft (F-35). The scheduled date for the first F-35 arrival at Eglin AFB is 2010. Joint Training location will include a maintenance schoolhouse where over 2,000 crew chiefs and weapons and avionics personnel will receive specific F-35 training each year. Over 200 pilots will receive initial aircraft training via live mission and simulator flights. This apron project will include electrical, communication and cooling distribution.				
<b>CURRENT SITUATION:</b> The current ramp in the 33rd Fighter Wing area, with reconfiguration, has a maximum capacity of 56 parking spots for F-35s. The projected need for parking spots is 94. This leaves a requirement for 38 parking spots. There is currently no communication or power distribution capable of supplying F-35 aircraft with the resources required for the Navy.				
<b>IMPACT IF NOT PROVIDED:</b> Failure to provide parking to support the JSF at Eglin AFB will result in operational inefficiencies and/or breakdowns, such as not enough spots to accommodate the aircraft resulting in not enough aircraft to accomplish the required training of pilots.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				05/2008
(B) Date 35% Design or Parametric Cost Estimate complete				09/2008
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				35%
(E) Percent completed as of January 2009				50%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,740
(B) All other design costs				\$870
(C) Total				\$2,610
(D) Contract				\$2,175
(E) In-house				\$435
4. Contract award:				02/2010
5. Construction start:				03/2010

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title F-35 A/C Parking Apron	
5. Program Element 0212176N	6. Category Code 11320	7. Project Number P918F	8. Project Cost (\$000) 11,252	
<p>6. Construction complete: 03/2012</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.</p> <p>Activity POC: Col Dennis D. Yates                      Phone No: 850 882-2876</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA		4. Project Title F-35 A/C Parking Apron	
5. Program Element 0212176N	6. Category Code 11320	7. Project Number P918F	8. Project Cost (\$000) 11,252
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title BEQ, EOD School Phase 2	
5. Program Element 0212276N	6. Category Code 72114	7. Project Number P925	8. Project Cost (\$000) 26,287	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ, EOD SCHOOL PHASE 2 (98,275 SF)	m2	9,130		22,130
BEQ (98,275 SF)	m2	9,130	2,143.05	(19,570)
ANTI-TERRORISM/FORCE PROTECTION	LS			(480)
LEED AND EPACT 2005 COMPLIANCE	LS			(470)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(80)
BUILT-IN EQUIPMENT	LS			(1,310)
SPECIAL COSTS	LS			(220)
SUPPORTING FACILITIES				730
ELECTRICAL UTILITIES	LS			(310)
MECHANICAL UTILITIES	LS			(150)
PAVING AND SITE IMPROVEMENTS	LS			(260)
DEMOLITION	LS			(10)
SUBTOTAL				22,860
CONTINGENCY (5%)				1,140
TOTAL CONTRACT COST				24,000
SIOH (5.7%)				1,370
SUBTOTAL				25,370
DESIGN/BUILD - DESIGN COST				910
TOTAL REQUEST ROUNDED				26,280
TOTAL REQUEST				26,287
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(3,375)
<b>10. Description of Proposed Construction:</b>				
<p>Construct a multi-level Bachelor Enlisted Quarters (BEQ) of structural steel framing with a brick finish and interior corridors. The facility includes heating, ventilation, and air conditioning systems with individual room controls, conditioned make-up air, lighting, fire protection with sprinklers and fire alarms, communication system to include cable TV in each sleeping room and lounge, data and telephone lines for each occupant in all the sleeping rooms and the central lounge and computer room. The project also includes mechanical and electrical utilities, parking and pavement, and site improvements. Built-in equipment includes elevators,</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title BEQ, EOD School Phase 2	
5. Program Element 0212276N	6. Category Code 72114	7. Project Number P925	8. Project Cost (\$000) 26,287	
<p>emergency generators, and fire pumps. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<p><b>11. Requirement:</b> <u>902 PN</u> <b>Adequate:</b> <u>464 PN</u> <b>Substandard:</b> <u>0 PN</u></p> <p><b>PROJECT:</b></p> <p>This project will provide "A" School BEQs for 440 additional E1-E4 students assigned to Explosive Ordnance Disposal (EOD) School, Eglin AFB. This is an expanded current mission requirement for Naval School Explosive Ordnance Disposal that must be satisfied in order to meet the additional training mission brought about by DOD's increased requirements specifically a 219 percent increase for Army student throughput, a new 12 day Weapons of Mass Destruction (WMD) course and an 18 day Nuclear Ordnance Division for EOD technicians.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide adequate BEQ facility for E1-E4 "A" School students.</p> <p>The events of 9/11 have forever changed the way terrorism will be fought both at home and abroad. Terrorism, attacks on civilian populations and unconventional warfare including attacks with weapons of mass destruction are a constant threat. There is an immediate need for EOD tech skills to be widely disbursed in both DOD and other Federal agencies in order to have personnel immediately available to recognize and render safe, ordnance of all types, including WMD. The new 12 day WMD course will include Navy, Air Force, Army and Marine student loading. Mandated by the EOD force design update, 30 October 2006, the U.S. Army will increase its student throughput by approximately 219% between fiscal years FY-2008 thru FY-2010 to meet projected Army manning requirements for both active and reserve components and participate in the 18 day training course for the nuclear ordnance division. All DOD agencies as well as other government agencies and allied countries have recognized the need to train more of their personnel in EOD. This Navy EOD school is the sole source (joint use) for basic EOD training for all DOD agencies. The EOD school has been tasked with increasing its student throughput to meet the new EOD training demands.</p> <p>It is the responsibility of Navy EOD School to provide adequate berthing facilities for those E1-E4 students assigned to "A" School training. The majority of DOD students trained in basic EOD skills are E1-E4. Senior</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title BEQ, EOD School Phase 2	
5. Program Element 0212276N	6. Category Code 72114	7. Project Number P925	8. Project Cost (\$000) 26,287	
<p>enlisted, officers, and civilian students can reasonably be expected to subsist on the economy and are not a factor in providing housing to accomplish the immediate mission of the EOD school.</p> <p><b>CURRENT SITUATION:</b></p> <p>EOD School has BEQ 851, 852, and 853 assigned for E1-E4 "A" School students at Eglin AFB, FL. The total adequate student berthing capacity of these three buildings is 248.</p> <p>The only possible workaround to provide on base housing for all E1-E4 students within current BEQ facilities would be to billet students three to a room. This workaround would produce extreme overcrowding with three persons to a room and six persons to a "2+2" module. Six students would use a single bathroom. With only four closets in a 2+2 module, a wardrobe would need to be added to each room to accommodate the third person's personal property. This would further exacerbate the overcrowded condition.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The success of the expanded mission of the Navy EOD School would be severely jeopardized if they cannot provide adequate housing for the E1-E4 students on base.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				12/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used	"2+2" Room Module, criteria			
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$970
(B) All other design costs				\$145
(C) Total				\$1,115
(D) Contract				\$945
(E) In-house				\$170
4. Contract award:				12/2009

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508(EG) NAS WHITING FLD MILTON FL (EGLIN AFB EOD SCHOOL) EGLIN A.F.B., FLORIDA			4. Project Title BEQ, EOD School Phase 2	
5. Program Element 0212276N	6. Category Code 72114	7. Project Number P925	8. Project Cost (\$000) 26,287	
5. Construction start:		03/2010		
6. Construction complete:		11/2011		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
CCTV, Intruder Detection System		OMN	2011	253
Furniture		OMN	2011	3,121
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint use is recommended.				
Activity POC: Col Dennis D. Yates		Phone No: 850 882-2876		

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: M67695 MCSF BLOUNT ISLAND JACKSONVILLE, FLORIDA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index .89					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		13	81	184	0	0	0	0	0	0	
B. End FY 2013		13	81	184	0	0	0	0	0	0	
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(1390 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....										247,602	
C. AUTHORIZATION NOT YET IN INVENTORY .....										0	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										3,760	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										19,480	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										19,670	
G. REMAINING DEFICIENCY .....										183,490	
H. <b>GRAND TOTAL</b> .....										<b>474,002</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
15620	Port Operations Facility	09/2008	07/2009	1092 m2	3,760						
									TOTAL	3,760	
9. Future Projects:											
A. Included In The Following Program:											
21360 Paint And Blast Facility										4520 m2	19,480
										TOTAL	19,480
B. Major Planned Next Three Years:											
21510 Weapons Maintenance & Storage Facility										3,410	
85235 Test Track										10,550	
73025 Police Station and EOC Facility										3,020	
15521 Lighterage and Small Craft Facility										2,690	
										TOTAL	19,670
C. R&M Unfunded Requirement (\$000):										20	
10. Mission or Major Functions:											
Blount Island Command plans, coordinates & executes the logistics efforts in support of Maritime Prepositioning Force and Global Prepositioning Program - Norway Programs.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M67695 MCSF BLOUNT ISLAND JACKSONVILLE, FLORIDA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index .89

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67695 MCSF BLOUNT ISLAND JACKSONVILLE, FLORIDA			4. Project Title Port Operations Facility	
5. Program Element 0702896M	6. Category Code 15620	7. Project Number P006	8. Project Cost (\$000) 3,760	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PORT OPERATIONS FACILITY (11,756 SF)	m2	1,092.17		2,660
WATERFRONT OPERATIONS FACILITY (11,756 SF)	m2	1,092.17	2,275.83	(2,490)
ANTI-TERRORISM/FORCE PROTECTION	LS			(30)
LEED AND EPACT 2005 COMPLIANCE	LS			(50)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(30)
SPECIAL COSTS	LS			(30)
INFORMATION SYSTEMS	LS			(30)
SUPPORTING FACILITIES				610
SPECIAL FOUNDATION FEATURES	LS			(180)
ELECTRICAL UTILITIES	LS			(150)
MECHANICAL UTILITIES	LS			(130)
PAVING AND SITE IMPROVEMENTS	LS			(110)
SITE PREPARATIONS	LS			(40)
SUBTOTAL				3,270
CONTINGENCY (5%)				160
TOTAL CONTRACT COST				3,430
SIOH (5.7%)				200
SUBTOTAL				3,630
DESIGN/BUILD - DESIGN COST				130
TOTAL REQUEST ROUNDED				3,760
TOTAL REQUEST				3,760
EQUIPMENT FROM OTHER				(41)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a new multi-story waterfront operations support facility to include a container operations office, harbor security office and a multiple user waterfront operations building. Construction will include structural steel framing, double wythe, split face concrete masonry unit on elevated foundation with piles, standing seam metal roof system, hollow metal and glazed doors, and glazed fixed aluminum frame windows. Information systems include wiring for mass notification system,</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67695 MCSF BLOUNT ISLAND JACKSONVILLE, FLORIDA			4. Project Title Port Operations Facility	
5. Program Element 0702896M	6. Category Code 15620	7. Project Number P006	8. Project Cost (\$000) 3,760	
<p>telephone, and local area network.</p> <p>Supporting Facilities: Special construction features include a pile foundation. Electrical utilities include exterior lighting, electrical distribution, telephone and LAN connections. Mechanical utilities include fire protection, sanitary sewer systems, storm sewer piping, heating and cooling distribution systems, and relocation of storm lines. Paving and site improvements, landscaping, earthwork, fill, sidewalks, roads, and parking spaces.</p> <p>Elements of the Energy Policy Act of 2005 will be implemented into the design and construction of this project.</p>				
<p><b>11. Requirement:</b>    <u>2,173 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Construct a 11,756 SF, multi-story waterfront operations support facility to include a container operations office, harbor security office and multiple user waterfront operations offices.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide adequate and efficiently configured waterfront operations facilities to support Blount Island Command's peacetime and contingency requirements. Peacetime requirements include processing cargo for Maritime Prepositioning Force program and the Marine Corps Prepositioning Program - Norway. The waterfront operations area includes five berthing spaces, 1 Pier-side gantry, 33 acres of concrete staging area and is adjacent to an additional 97 acres used for various staging activities. Contingency support activities have included humanitarian logistical support as well as operational surge support.</p> <p><b>CURRENT SITUATION:</b></p> <p>Waterfront support operations include all support essential to port operations. Port operations include navy cargo handling, container operations, ammunition operations, embarkation operations, contract operations, longshoremen, Military Sealift Command logistics, Coast Guard, and harbor security offices. All of these administrative requirements critical to smooth operations of the MCSF Blount Island port are either located in the main administrative facility, Bldg 110, or in multiple trailers scattered around the berthing area.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67695 MCSF BLOUNT ISLAND JACKSONVILLE, FLORIDA			4. Project Title Port Operations Facility	
5. Program Element 0702896M	6. Category Code 15620	7. Project Number P006	8. Project Cost (\$000) 3,760	
In order to efficiently meet projected long-term waterfront operations requirements, it is essential that a consolidated "Waterfront Operations Facility" be centrally located near the berthing area where the port operations are managed. Without this facility MCSF Blount Island will continue to manage port operations in temporary, inefficient, and scattered facilities that hamper efficient management of the port.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				07/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$110
(B) All other design costs				\$40
(C) Total				\$150
(D) Contract				\$140
(E) In-house				\$10
4. Contract award:				01/2010
5. Construction start:				05/2010
6. Construction complete:				05/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
NMCI Equipment Cost		O&MMC	2011	41
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended.				
Activity POC: Kim Weisenburger			Phone No: 904-696-5154	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67695 MCSF BLOUNT ISLAND JACKSONVILLE, FLORIDA		4. Project Title Port Operations Facility	
5. Program Element 0702896M	6. Category Code 15620	7. Project Number P006	8. Project Cost (\$000) 3,760
<p><b>Blank Page</b></p>			

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>								2. Date 11 MAY 2009	
3. Installation and Location: N00207 NAS JACKSONVILLE FL JACKSONVILLE, FLORIDA						4. Command Commander Navy Installations Command			5. Area Const Cost Index .89		
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		1513	6792	5227	0	0	0	166	521	0	14219
B. End FY 2013		1748	6704	5227	0	0	0	166	521	0	14366
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(3881 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											2,379,510
C. AUTHORIZATION NOT YET IN INVENTORY .....											43,250
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											5,917
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											2,201
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											45,683
G. REMAINING DEFICIENCY .....											173,042
<b>H. GRAND TOTAL .....</b>											<b>2,649,603</b>
8. Projects Requested In This Program											
<u>Cat</u>							<u>Design Status</u>			<u>Cost</u>	
<u>Code</u>	<u>Project Title</u>						<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>	
21196	P-8A (MMA) Facilities Modification						09/2008	09/2009	0 LS	5,917	
									TOTAL	5,917	
9. Future Projects:											
A. Included In The Following Program:											
17120 BAMS UAS Operator Training Facility								611 m2	2,201		
									TOTAL	2,201	
B. Major Planned Next Three Years:											
74044 Physical Fitness Center, Jacksonville								37,655			
21152 Ordnance Operations Facility								5,092			
14170 OLF Whitehouse Control Tower								2,936			
									TOTAL	45,683	
C. R&M Unfunded Requirement (\$000):											614,485
10. Mission or Major Functions:											
Homeport for land-based, Anti-Submarine Warfare (ASW) squadrons (P-3) and all east coast carrier-based ASW helicopter squadrons. Provides support to the Naval Aviation Depot, land-based ASW squadrons, Helicopter ASW squadrons, Naval Air Reserve Unit Two, Fleet Readiness squadrons, and Naval Regional Medical Center.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N00207 NAS JACKSONVILLE FL JACKSONVILLE, FLORIDA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .89

**Blank Page**

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N00207 NAS JACKSONVILLE FL JACKSONVILLE, FLORIDA			4. Project Title P-8A (MMA) Facilities Modification	
5. Program Element 0703676N	6. Category Code 21196	7. Project Number P630	8. Project Cost (\$000) 5,917	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
P-8A (MMA) FACILITIES MODIFICATION	LS			5,010
MODIFY 01 SPACE IN HANGAR 511 (13,314 SF)	m2	1,236.91	1,901.86	(2,350)
MODIFY WASH RACK (20,700 SF)	m2	1,923.1	247.48	(480)
MODIFY AIRCRAFT RINSE FACILITY	LS			(470)
MODIFY TYPE I COMPASS CALIBRATION PAD	LS			(280)
MODIFY ORDANCE HOLDING AREA	LS			(20)
RE-STRIPE PARKING APRON	LF	47,000	19.86	(930)
AIRCRAFT MAINTENANCE/STORAGE	LS			(60)
MODIFY OH SPACE IN HANGAR 511	LS			(200)
LEED AND EPACT 2005 COMPLIANCE	LS			(20)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(30)
SPECIAL COSTS	LS			(120)
INFORMATION SYSTEMS	LS			(50)
SUPPORTING FACILITIES				120
SPECIAL CONSTRUCTION FEATURES	LS			(50)
PAVING AND SITE IMPROVEMENTS	LS			(40)
DEMOLITION	LS			(30)
SUBTOTAL				5,130
CONTINGENCY (5%)				260
TOTAL CONTRACT COST				5,390
SIOH (5.7%)				310
SUBTOTAL				5,700
DESIGN/BUILD - DESIGN COST				210
TOTAL REQUEST ROUNDED				5,910
TOTAL REQUEST				5,917
<b>10. Description of Proposed Construction:</b>				
Upgrade the existing airfield facilities to support the operation and maintenance of the new P-8A Multi-Mission Maritime Aircraft (MMA):				
* Modify 01 space in Hangar 511 to allow for aircraft tow vehicles to pull the P-8A MMA into the hangar bay. This will require construction of five "tug lanes" through the 01 spaces and reconfiguration of interior				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00207 NAS JACKSONVILLE FL JACKSONVILLE, FLORIDA			4. Project Title P-8A (MMA) Facilities Modification	
5. Program Element 0703676N	6. Category Code 21196	7. Project Number P630	8. Project Cost (\$000) 5,917	
<p>parking apron. The current configuration of the O1 space in Hangar 511 will not allow for aircraft tow vehicles to pull the P-8A MMA all the way into the hangar space. Modifications will be required to allow tow vehicles to drive directly through the O1 space after towing the P-8A MMA into the maintenance bay. The remaining O1 space will need to be reconfigured to support logistics support operations. The visual barrier separating VPU-1 from other squadrons in the OH space must be relocated to fit parking of the P-8A in the maintenance bays.</p> <p>* The existing wash racks are inadequate for the P-8A MMA as they do not meet wingspan and height requirements. Wash rack areas 955 and 814 will be combined for upgrading/expanding the wash rack facilities to accomodate the larger aircraft, along with installation of new fall protection.</p> <p>* The existing rinse rack is inadequate for the P-8A MMA airframe and will have to be expanded to fit the larger aircraft.</p> <p>* The Type I and Type II compass calibration pads will not accommodate the P-8A MMA due to airframe dimensions. The Type I could be modified for the P-8A MMA by re-striping and the addition of reinforced wheel pads for the P-8A tire layout to ensure aircraft leveling requirements are met during standby compass calibration.</p> <p>* The ordnance loading pad serves a variety of carrier-based and patrol type aircraft, but the configuration needs to be modified to include support of the P-8A MMA airframe (striping, tie downs and grounding points).</p> <p>* Provides space to satisfy the logistics support requirements for aircraft Ground Support Equipment Shop (GSE), GSE holding shed, and supply operations.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to accomplish this project in FY 2010 will severely impact Patrol Wing 11 mission during the transition from the P-3C aircraft to the P-8A MMA by diminishing their ability to provide fully supported, forward deployable, thoroughly trained, properly manned, well-maintained Maritime Patrol and Reconnaissance Forces to support unified commands.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started <span style="float: right;">09/2008</span></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00207 NAS JACKSONVILLE FL JACKSONVILLE, FLORIDA			4. Project Title P-8A (MMA) Facilities Modification	
5. Program Element 0703676N	6. Category Code 21196	7. Project Number P630	8. Project Cost (\$000) 5,917	
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$170
(B) All other design costs				\$60
(C) Total				\$230
(D) Contract				\$210
(E) In-house				\$20
4. Contract award:				12/2009
5. Construction start:				03/2010
6. Construction complete:				11/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Frank Lazzara			Phone No: (904) 542-2119 X138	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009		
3. Installation and Location: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA					4. Command Commander Navy Installations Command			5. Area Const Cost Index .89		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	1182	8055	422	0	0	0	120	168	0
B. End FY 2013	774	5197	422	0	0	0	130	180	0	6703
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(3569 Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										1,214,741
C. AUTHORIZATION NOT YET IN INVENTORY .....										4,470
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										75,985
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										370,734
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										22,269
G. REMAINING DEFICIENCY .....										612,699
<b>H. GRAND TOTAL .....</b>										<b>2,300,898</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
16510	Channel Dredging	06/2008	08/2009	3937458 m3	46,303					
15220	Wharf Charlie Repairs	09/2008	06/2009	0 LS	29,682					
							TOTAL	75,985		
9. Future Projects:										
A. Included In The Following Program:										
15250 Foxtrot Wharf Improvements										38,151
21365 Controlled Industrial Facility										136,635
21370 Ship Maintenance Support Facilities										153,634
73080 Parking Garage										27,319
85110 Massey Avenue Corridor Improvements										14,995
							TOTAL	370,734		
B. Major Planned Next Three Years:										
72111 Bachelor Quarters, Homeport Ashore										22,269
							TOTAL	22,269		
C. R&M Unfunded Requirement (\$000):										193,681
10. Mission or Major Functions:										
<p>Naval Station Mayport is the third largest fleet concentration area in the United States. Mayport's operational composition includes a harbor capable of accommodating 34 ships and an 8,000-foot runway capable of handling any aircraft in the Department of Defense inventory. With more than 3,400 acres, NS Mayport is host to more than 70 tenant commands including 20 naval ships, and six Light Airborne Multi-purpose System (LAMPS) Mark III helicopter squadrons. NS Mayport is also the operational and training headquarters for the SH-60B Seahawk LAMPS MKIII with a primary mission of anti-submarine warfare. As a major Surface and Air Warfare organization, Mayport remains dedicated to providing the "Finest Service to the Finest Fleet."</p>										

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .89
11. Outstanding Pollution and Safety Deficiencies (\$000): A. Pollution Abatement(*): 0 B. Occupational Safety and Health(OSH)(#): 0		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA			4. Project Title Channel Dredging	
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P187	8. Project Cost (\$000) 46,303	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CHANNEL DREDGING (5,150,000 CY)	m3	3,937,458		39,200
MOBILIZATION AND DEMOBILIZATION	LS			(2,260)
EXCAVATION, DISPOSAL AT FERNANDINA ODMS (3,150,000 CY)	m3	2,408,348	9.82	(23,650)
EXCAVATION, DISPOSAL AT JACKSONVILLE ODMS (2,000,000 CY)	m3	1,529,110	8.69	(13,290)
SUBTOTAL				39,200
CONTINGENCY (5%)				1,960
TOTAL CONTRACT COST				41,160
SIOH (5.7%)				2,350
SUBTOTAL				43,510
PLANNING, ENGINEERING AND DESIGN	LS			2,795
TOTAL REQUEST ROUNDED				46,305
TOTAL REQUEST				46,303
<b>10. Description of Proposed Construction:</b>				
Using suction, hopper or clamshell method, remove all deposits from the bottom of the turning basin, inner entrance channel and Jacksonville Harbor Bar Cut (outer channel) to the prescribed project depths and deposit the dredged material in the permitted open ocean disposal area.				
<b>11. Requirement: 3,937,459 m3 Adequate: 0 m3 Substandard:</b>				
<b>PROJECT:</b>				
This project will provide dredging of Wharf F, the Mayport Turning Basin, Entrance Channel and Jacksonville Harbor Bar Cut 3 to a depth suitable to allow safe navigation and vessel maneuverability for all ships that currently dock at Naval Station Mayport.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
To ensure effective support of Fleet operational requirements through effective use of waterfront and shore side facilities at Naval Station Mayport.				
Adequate water depth must be maintained to meet CVN movement into NAVSTA Mayport. CVNs require 50.0 feet of water during transit of channels (usually during mean to high tides) greater than 1000 ft. wide. Narrower channels require greater depths. Tides and waves have been quantified and				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA			4. Project Title Channel Dredging	
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P187	8. Project Cost (\$000) 46,303	
<p>the impact has been assessed to determine that a dredge depth of 50.0 feet plus a two foot overdraft is required. Siltation occurs in most channels. The design depth should be deeper than the requirement to accommodate siltation. Expected siltation can be addressed through advance maintenance dredging or other means.</p> <p><b>CURRENT SITUATION:</b>  Naval Station Mayport is homeport to 19 ships and daily hosts an average of three ships visiting, primarily undergoing training with the Afloat Training Group (ATG) Mayport. The current depth of the Jacksonville Harbor Bar Cut navigation channel is 42 feet plus a 2 foot overdraft, as is the Turning Basin, the Entrance Channel and Foxtrot Wharf. The C-2 wharf area is dredged to 50 feet plus a two foot overdraft.</p> <p><b>IMPACT IF NOT PROVIDED:</b>  The lack of adequate water depth would preclude safe docking of a NIMITZ class carrier at NAVSTA Mayport.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				06/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				10%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				NS Mayport FL
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$2,795
(B) All other design costs				
(C) Total				\$2,795
(D) Contract				\$0
(E) In-house				\$2,795
4. Contract award:				10/2009
5. Construction start:				12/2009
6. Construction complete:				01/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Regional Commander certifies that this project has been considered for				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA			4. Project Title Channel Dredging	
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P187	8. Project Cost (\$000) 46,303	
<p>joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p>				
Activity POC: Mike McVann			Phone No: 904-270-5207	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA			4. Project Title Channel Dredging	
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P187	8. Project Cost (\$000) 46,303	
<b>Blank Page</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA			4. Project Title Wharf Charlie Repairs	
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P777	8. Project Cost (\$000) 29,682	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WHARF CHARLIE REPAIRS	LS			12,630
SECOND DECK SUPERSTRUCTURE (58,125 SF)	m2	5,400	1,317.93	(7,120)
BERTHING WHARF C-1 (780 LF)(RENOVATE)	m	237.8	23,166.85	(5,510)
SUPPORTING FACILITIES				13,190
SPECIAL CONSTRUCTION FEATURES	LS			(800)
SPECIAL FOUNDATION FEATURES	LS			(6,280)
ELECTRICAL UTILITIES	LS			(3,050)
MECHANICAL UTILITIES	LS			(1,050)
PAVING AND SITE IMPROVEMENTS	LS			(390)
SITE PREPARATIONS	LS			(110)
DEMOLITION	LS			(1,510)
SUBTOTAL				25,820
CONTINGENCY (5%)				1,290
TOTAL CONTRACT COST				27,110
SIOH (5.7%)				1,550
SUBTOTAL				28,660
DESIGN/BUILD - DESIGN COST				1,030
TOTAL REQUEST ROUNDED				29,690
TOTAL REQUEST				29,682
EQUIPMENT FROM OTHER				(211)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Construct a steel sheet pile bulkhead and tie to existing cellular diaphragm wall structure, place self-hardening flowable fill between existing and new walls, new concrete cap and partial concrete encasement of sheet pile, install new foam filled fenders and provide new asphalt paving.</p> <p>Construct an elevated second deck 83' wide with mooring hardware, vehicular access ramps, pedestrian stairways, concrete slab with beams supported by concrete columns, and deep foundations. Install area lighting fixtures on anodized aluminum standards, reconstruct concrete cold iron utility igloos, piping, and wiring (electric, potable water, sanitary, oily waste, fuel, and steam) and install cathodic protection system for the steel sheet piling and steel underground utility piping.</p>				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA			4. Project Title Wharf Charlie Repairs	
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P777	8. Project Cost (\$000) 29,682	
<p>UFC 4-152-01 also speaks to Ship Freeboard concern. A single deck wharf places the deck of modern combatant ships and the elevator height of an aircraft carrier more than 12 feet above the wharf deck thus requiring the use of brow towers for accommodation. The use of towers are always a safety concern due to the potential for moving, toppling of the brow. This freeboard also presents problems using conveyors for loading stores and limits crane capacity by extending the reach during periods of high tide. Construction of a second deck would place the wharf deck and the ships deck and carrier elevators level, which would allow for the elimination of towers and full access to supply elevators and cranes.</p> <p>Utility igloos, utility manholes, utility trench covers and utility cabling, encumber the wharf deck. The utility structures are all located close to the face of the bulkhead. As such, all other operations must be conducted at a distance behind the location of the utilities. C-1 is the primary ordnance-handling berth for all homeported and visiting ships at Mayport. It is common for ordnance handling to occur on the average of 3-5 days each week. During some of these operations the ordnance is cross-decked from an inboard ship to an outboard ship. Because of the height of the wharf deck and location of all the utilities, even using the largest crane available cross-decking of the missiles from one ship to the other occurs at or near the maximum reach capacity of the crane. Safety would dictate that this is far from an ideal situation. Construction of the second deck would provide an unrestricted wharf deck surface to work from, allow cranes to operate right up to the bulkhead face and thus greatly reduce the working radius of the crane. This would greatly increase the safety of the ordnance handling operations.</p> <p>In conclusion, use of a double-deck wharf provides clear unobstructed wharf to ship interface; isolation of the operations deck surfaces from lower deck utilities services; reduces offset requirements for mobile crane operations; provides a higher deck and reducing the risk of overflow; improves mooring line angles and eliminates the need for brow towers.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to recapitalize wharf C-1 will result in increasing steel deterioration of the bulkhead, formation of holes and loss of backfill material. Loss of material will cause voids, failure of wharf deck paving, potential utility outages from broken piping. Resultant live load restrictions would eliminate crane and truck operations on the wharf. Wharf C-1 could no longer be effectively used as an ordnance handling berth which would severely restrict weapons onload/offload within the Mayport</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60201 NAVSTA MAYPORT FL JACKSONVILLE, FLORIDA			4. Project Title Wharf Charlie Repairs	
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P777	8. Project Cost (\$000) 29,682	
basin, require increased ships movements within the basin and could possibly delay ships operational schedules.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$600
(B) All other design costs				\$150
(C) Total				\$750
(D) Contract				\$650
(E) In-house				\$100
4. Contract award:				12/2009
5. Construction start:				02/2010
6. Construction complete:				09/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Monorail hoist for utility gallery		OMN	2011	211
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Mike McVann		Phone No: 904-270-5207		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009			
3. Installation and Location: N60508 NAS WHITING FLD MILTON FL MILTON, FLORIDA					4. Command Commander Navy Installations Command			5. Area Const Cost Index .93			
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	A. As Of 09-30-08	1331	312	120	0	0	0	28	50	0	1841
B. End FY 2013	1323	296	120	0	0	0	44	57	0	1840	
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(8326 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....										896,792	
C. AUTHORIZATION NOT YET IN INVENTORY .....										0	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										4,120	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										8,595	
G. REMAINING DEFICIENCY .....										110,580	
<b>H. GRAND TOTAL .....</b>										<b>1,020,087</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
17120	T-6B JPATS Paraloft Facility	09/2008	05/2010	1598 m2	4,120						
				TOTAL	4,120						
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
14170 North Field Control Tower Recapitalization										6,715	
14125 Truck Bays, Fire House Bldg. 2983										1,880	
										TOTAL	8,595
C. R&M Unfunded Requirement (\$000):											
										0	
10. Mission or Major Functions:											
To efficiently provide the best services and material support for training U.S. Navy, Marine Corps, Air Force, Coast Guard and International student aviators, and for tenant activities and outside organizations in support of the national military strategy.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N60508 NAS WHITING FLD MILTON FL MILTON, FLORIDA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .93

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508 NAS WHITING FLD MILTON FL MILTON, FLORIDA			4. Project Title T-6B JPATS Training Ops Paraloft Facility	
5. Program Element 0815976N	6. Category Code 17120	7. Project Number P273	8. Project Cost (\$000) 4,120	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
T-6B JPATS TRAINING OPS PARALOFT FACILITY (17,201 SF)	m2	1,598		3,000
JPATS PARALOFT FACILITY (17,201 SF)	m2	1,598	1,633.86	(2,610)
ANTI-TERRORISM/FORCE PROTECTION	LS			(30)
LEED AND EPACT 2005 COMPLIANCE	LS			(50)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(40)
SPECIAL COSTS	LS			(40)
INFORMATION SYSTEMS	LS			(230)
SUPPORTING FACILITIES				590
SPECIAL FOUNDATION FEATURES	LS			(90)
ELECTRICAL UTILITIES	LS			(90)
MECHANICAL UTILITIES	LS			(120)
PAVING AND SITE IMPROVEMENTS	LS			(160)
SITE PREPARATIONS	LS			(60)
ENVIRONMENTAL MITIGATION	LS			(70)
SUBTOTAL				3,590
CONTINGENCY (5%)				180
TOTAL CONTRACT COST				3,770
SIOH (5.7%)				210
SUBTOTAL				3,980
DESIGN/BUILD - DESIGN COST				140
TOTAL REQUEST ROUNDED				4,120
TOTAL REQUEST				4,120
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(934)
<b>10. Description of Proposed Construction:</b>				
Construct a single-story reinforced concrete block structure with brick facing, concrete floor slab and foundation, and standing seam metal roofing. The new facility provides support space for the new T-6B airframe and associated flight gear. Construction will include state-of-the-art paraloft featuring 700 cubbies for instructor and student Aviation Life Support Systems (ALSS), test benches and repair/inspection tables. The				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508 NAS WHITING FLD MILTON FL MILTON, FLORIDA			4. Project Title T-6B JPATS Training Ops Paraloft Facility	
5. Program Element 0815976N	6. Category Code 17120	7. Project Number P273	8. Project Cost (\$000) 4,120	
<p>facility includes electrical and mechanical utilities, plumbing, fire protection and alarm systems connected to the main base, sound attenuation, heating, ventilation and air conditioning, local area network, fiber optic, telephone, inter-communication systems, energy management system, and operation and maintenance support information. The project includes paving, installation restoration, and site improvements. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<p><b>11. Requirement:</b>    <u>1,598 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p>				
<p><b>PROJECT:</b></p> <p>The project constructs a new building to support the new Joint Primary Aircraft Training System (JPATS), T-6B airframe and associated flight gear issue center. Project includes a paraloft facility for instructor and student ALSS associated support spaces.</p> <p><b>(Current Mission)</b></p>				
<p><b>REQUIREMENT:</b></p> <p>Facilities are required to provide ALSS gear storage, test benches, para rigger inspection tables and administrative spaces for instructors and student pilots. There are currently no facilities to support these functions. These requirements are based on 433 Training Wing personnel, five student aviators, 180 instructor pilots, and 60 Reserve instructor pilots.</p>				
<p><b>CURRENT SITUATION:</b></p> <p>Currently there is a major consolidation of three fixed wing squadrons at north field under Training Wing Five. There is also an existing shortfall of training/briefing space supporting fixed-wing flight training. Approximately 6.6% of valuable production time is lost each year due to critical paraloft functions being located in several other adjacent facilities. Consolidation of scattered functions into a facility located in close proximity of the flight line would save approximately one half the current time expended to complete one operation. This would result in increased efficiency, productivity and safety.</p> <p>Currently, fixed-wing (VT) flight training is conducted at three squadrons, VT-2 and VT-3 and VT-6 operating in parallel series. All squadrons must provide administrative and managerial oversight of all fixed-wing flight students each year.</p> <p>The burdens associated with operating three VT's in parallel are compounded</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508 NAS WHITING FLD MILTON FL MILTON, FLORIDA			4. Project Title T-6B JPATS Training Ops Paraloft Facility	
5. Program Element 0815976N	6. Category Code 17120	7. Project Number P273	8. Project Cost (\$000) 4,120	
<p>by the fact that the three squadrons operating in parallel do not have sufficient training/briefing spaces and the pilot training rate is projected to increase in the coming years.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The fixed training squadrons currently suffer under a triple handicap. They do not have sufficient space to oversee their operations, the new T-6B airframe begins arriving in 2009 requiring consolidated functions for ALSS storage and test benches, para rigger inspection areas and tables, instructor pilot and fixed wing instructor training unit gear lockers and the squadrons are required to walk in excess of one mile with gear to complete a flight operation. Unless corrective actions are taken pilot and instructor safety, training effectiveness, and squadron administrative efficiencies will continue to be severely jeopardized.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				09/2009
(C) Date design completed				04/2010
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				5%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$107
(B) All other design costs				\$86
(C) Total				\$193
(D) Contract				\$176
(E) In-house				\$17
4. Contract award:				06/2010
5. Construction start:				08/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
ALSS, personal & pub lockers		OMN	2010	178
Electronic Equipment & audio visual		OMN	2010	360

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60508 NAS WHITING FLD MILTON FL MILTON, FLORIDA			4. Project Title T-6B JPATS Training Ops Paraloft Facility	
5. Program Element 0815976N	6. Category Code 17120	7. Project Number P273	8. Project Cost (\$000) 4,120	
General Facility Furnishings		OMN	2010	283
Test Benches		OMN	2010	18
VT-6 IP, FITU, VT-2, VT-3 & student gear lockers		OMN	2010	96
JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Dave Garner - NAS Whiting Field      Phone No: 850-983-9102				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N00204 NAS PENSACOLA FL PENSACOLA, FLORIDA				4. Command Commander Navy Installations Command			5. Area Const Cost Index .93				
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		1597	3655	2355	0	6291	0	597	1400	0	15895
B. End FY 2013		1535	3491	2355	0	6291	0	809	1358	0	15839
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(8574 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											2,975,583
C. AUTHORIZATION NOT YET IN INVENTORY .....											22,196
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											26,161
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											10,834
G. REMAINING DEFICIENCY .....											165,758
<b>H. GRAND TOTAL .....</b>											<b>3,200,532</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
72114	Corry "A" School Bachelor Enlisted Quarters	11/2007	10/2009	7800 m2	22,950						
17135	Simulator Addition for UMFO Program	12/2007	03/2010	1003 m2	3,211						
TOTAL											26,161
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
74044 Corry Fitness Center											10,834
TOTAL											10,834
C. R&M Unfunded Requirement (\$000):											719,336
10. Mission or Major Functions:											
Provide superior training support and a quality environment to tenants, military and civilian personnel and their families. Department of Defense related tenant commands number over 90 and include the Chief of Naval Education and Training, Commander Training Air Wing SIX, Naval Aviation Schools Command, Naval Air Technical Training Center (NATTC), Naval Operational Medical Institute, Navy Public Works Center and the Blue Angels located onboard NAS Pensacola. Naval Education and Training Professional Development and Training Center, Saufley Field and Center for Cryptology Corry Station are tenants not located onboard NAS Pensacola. Support is also provided to 27 non-defense related agencies located on Navy property including the National Park Service, U.S. Coast Guard Station, Barrancas National Cemetery (Veterans Administration), and the National Museum of Naval Aviation.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N00204 NAS PENSACOLA FL PENSACOLA, FLORIDA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .93
B. Occupational Safety and Health(OSH)(#):		0

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00204(AN) NAS PENSACOLA FL (CORY STATION) PENSACOLA, FLORIDA			4. Project Title Corry 'A' School BEQ	
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P724	8. Project Cost (\$000) 22,950	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CORRY 'A' SCHOOL BEQ (83,959 SF)	m2	7,800		19,040
'A' SCHOOL DORMITORY (83,959 SF)	m2	7,800	2,189.05	(17,070)
ANTI-TERRORISM/FORCE PROTECTION	LS			(430)
LEED AND EPACT 2005 COMPLIANCE	LS			(840)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(80)
BUILT-IN EQUIPMENT	LS			(270)
SPECIAL COSTS	LS			(180)
INFORMATION SYSTEMS	LS			(170)
SUPPORTING FACILITIES				920
ELECTRICAL UTILITIES	LS			(200)
MECHANICAL UTILITIES	LS			(180)
PAVING AND SITE IMPROVEMENTS	LS			(430)
SITE PREPARATIONS	LS			(110)
SUBTOTAL				19,960
CONTINGENCY (5%)				1,000
TOTAL CONTRACT COST				20,960
SIOH (5.7%)				1,190
SUBTOTAL				22,150
DESIGN/BUILD - DESIGN COST				800
TOTAL REQUEST ROUNDED				22,950
TOTAL REQUEST				22,950
EQUIPMENT FROM OTHER				(1,120)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Construct a high-rise Bachelor Enlisted Quarters (BEQ) of structural steel framing with a brick exterior finish and interior corridors. The BEQ will have 83 2+2 modules that will house 332 'A' school students training at the Center for Information Dominance (CID). The 2+2 modules will include space for two bedrooms, shared bath, closets, refrigerator, and a microwave. The project will include all electrical and telecommunications wiring, internet cable hookups and telephone services. Heating, ventilation, and air conditioning systems will include an outdoor air unit and a chilled/hot</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009												
3. Installation(SA)& Location/UIC: N00204(AN) NAS PENSACOLA FL (CORY STATION) PENSACOLA, FLORIDA			4. Project Title Corry 'A' School BEQ													
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P724	8. Project Cost (\$000) 22,950													
<p>water fan coil unit system with Direct Digital Controls and heat recovery system for domestic water heating. The facility will have a fire suppression system, detection devices, alarm system, mechanical and electrical utilities, paving, and site improvements. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>																
<p><b>11. Requirement:</b> <u>32,401 m2</u> <b>Adequate:</b> <u>13,068 m2</u> <b>Substandard:</b> <u>12,925 m2</u></p> <p><b>PROJECT:</b></p> <p>This project will provide adequate Bachelors Enlisted Quarters (BEQ) for 332 students, reduce overcrowding, and satisfy Quality of Life criteria.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The Center for Information Dominance at Corry Station trains 'A' school students after boot camp. This is a joint use project for Cryptology, Information Operations, and Information Technology combining technology, innovation, and science to produce highly trained enlisted personnel required to ensure dominance in the information fields.</p> <p>Students must study within secure school facilities due to the classified / sensitive nature of the training material. Students require on base housing.</p> <p><b>CURRENT SITUATION:</b></p> <p>Currently there are not enough berths to support the increased training and student population at Corry Station.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If not provided, the CID "A" school students will be housed in cramped conditions, with over 800 students being housed three persons to a two person room. Over 500 students will have to be housed in trailers. Quality of service will suffer, affecting academic performance and preparation for the fleet.</p>																
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>11/2007</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>10/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>2%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	11/2007	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	10/2009	(D) Percent completed as of September 2008	2%	(E) Percent completed as of January 2009	35%	(F) Type of design contract	Design Build
(A) Date design or Parametric Cost Estimate started	11/2007															
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009															
(C) Date design completed	10/2009															
(D) Percent completed as of September 2008	2%															
(E) Percent completed as of January 2009	35%															
(F) Type of design contract	Design Build															

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00204(AN) NAS PENSACOLA FL (CORRY STATION) PENSACOLA, FLORIDA			4. Project Title Corry 'A' School BEQ	
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P724	8. Project Cost (\$000) 22,950	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$630
(B) All other design costs				\$210
(C) Total				\$840
(D) Contract				\$770
(E) In-house				\$70
4. Contract award:				02/2010
5. Construction start:				07/2010
6. Construction complete:				02/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Collateral Equipment		OMN	2011	1,120
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Bob Davis			Phone No: 850-452-3131x3013	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00204(AN) NAS PENSACOLA FL (CORY STATION) PENSACOLA, FLORIDA		4. Project Title Corry 'A' School BEQ	
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P724	8. Project Cost (\$000) 22,950
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00204 NAS PENSACOLA FL PENSACOLA, FLORIDA			4. Project Title Simulator Addition for UMFO Program	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P782	8. Project Cost (\$000) 3,211	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SIMULATOR ADDITION FOR UMFO PROGRAM (10,801 SF)	m2	1,003.4		2,470
BLDG. 3480 SIMULATOR FACILITY (10,000 SF)	m2	929	2,361	(2,190)
RENOVATE BLDG 3258 (801 SF)	m2	74.4	1,082.6	(80)
ANTI-TERRORISM/FORCE PROTECTION	LS			(10)
LEED AND EPACT 2005 COMPLIANCE	LS			(120)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(20)
SPECIAL COSTS	LS			(30)
INFORMATION SYSTEMS	LS			(20)
SUPPORTING FACILITIES				320
ELECTRICAL UTILITIES	LS			(10)
MECHANICAL UTILITIES	LS			(110)
PAVING AND SITE IMPROVEMENTS	LS			(130)
SITE PREPARATIONS	LS			(20)
ENVIRONMENTAL MITIGATION	LS			(10)
ANTI-TERRORISM/FORCE PROTECTION	LS			(40)
SUBTOTAL				2,790
CONTINGENCY (5%)				140
TOTAL CONTRACT COST				2,930
SIOH (5.7%)				170
SUBTOTAL				3,100
DESIGN/BUILD - DESIGN COST				110
TOTAL REQUEST ROUNDED				3,210
TOTAL REQUEST				3,211
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(9,100)
<b>10. Description of Proposed Construction:</b>				
Construct an addition to the current flight simulator facility (Bldg. 3480) to provide space for new flight simulators. The addition shall be steel frame and concrete masonry unit backup walls supported by spread footing, reinforced concrete pad, and high bay area. The addition constructs space				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00204 NAS PENSACOLA FL PENSACOLA, FLORIDA			4. Project Title Simulator Addition for UMFO Program	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P782	8. Project Cost (\$000) 3,211	
<p>for the new simulators and computer systems including electrical and mechanical utilities, coiled overhead doors, heating ventilation and air conditioning systems, fire protection and alarms, mechanical room, lighting, information systems, operation maintenance and support information, fencing, paving, parking, and site improvements including tree replacement. The project will also renovate 800 SF of General Instruction Building 3258 including electrical and mechanical modifications, interior renovations, fire alarms, telephone/data expansion, and upgrade of existing air distribution system. The project will conform to anti-terrorism/force protection standards and follow EPAct 2005 and LEED criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>2,676 m2</u> <b>Adequate:</b> <u>1,673 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Provide an addition to the existing flight simulator facility (Building 3480) for Training Wing (TRAWING) 6 new flight simulators. Additional classroom and briefing room space will be accommodated by a renovation of approximately 800 square feet of space in the existing adjacent Building 3258. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Provide adequate and efficiently configured space to support the Undergraduate Military Flight Officer Program, which is one of the programs in TRAWING 6 command. Additional space is required to be added to Building 3480 for the future operational flight trainer simulators.				
<b>CURRENT SITUATION:</b> There is currently no facility at NAS Pensacola that has the capability to accommodate the six instrument/operational flight trainers.				
<b>IMPACT IF NOT PROVIDED:</b> Naval Aviation training is transitioning to a completely different syllabus for training Navy and Marine flight officers. This new syllabus relies heavily on high fidelity simulation to replace costly flight hours. Failure to support this project will significantly impact delivery of qualified Navy and Marine Flight Officers to the Fleet.				
<b>12. Supplemental Data:</b> A. Estimated Design Data: 1. Status:				
(A) Date design or Parametric Cost Estimate started				12/2007
(B) Date 35% Design or Parametric Cost Estimate complete				09/2009
(C) Date design completed				03/2010

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00204 NAS PENSACOLA FL PENSACOLA, FLORIDA			4. Project Title Simulator Addition for UMFO Program	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P782	8. Project Cost (\$000) 3,211	
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				20%
(F) Type of design contract			Design Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$100
(B) All other design costs				\$30
(C) Total				\$130
(D) Contract				\$120
(E) In-house				\$10
4. Contract award:				06/2010
5. Construction start:				08/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Multi-Crew Simulators (2)		APN	2009	9,100
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Bob Davis			Phone No: 850-452-3131 x3013	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00204 NAS PENSACOLA FL PENSACOLA, FLORIDA			4. Project Title Simulator Addition for UMFO Program	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P782	8. Project Cost (\$000) 3,211	
<b>Blank Page</b>				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: M00318 MARINE CORPS BASE HAWAII EWA BEACH, HAWAII				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 2.17					
6. Personnel Strength:		PERMANENT		STUDENTS			SUPPORT		TOTAL		
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		82	605	887	0	146	0	866	6190	1640	10416
B. End FY 2013		99	692	900	0	146	0	943	6950	1859	11589
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(140 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											36,678
C. AUTHORIZATION NOT YET IN INVENTORY .....											5,700
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											5,380
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											0
G. REMAINING DEFICIENCY .....											0
<b>H. GRAND TOTAL .....</b>											<b>47,758</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
17940	Range 1000, Puuloa	06/2008	05/2009			915 m	5,380				
TOTAL							5,380				
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
C. R&M Unfunded Requirement (\$000):											154,200
10. Mission or Major Functions:											
To maintain and operate facilities and provide services and material to support operations of tenant Marine and Navy units and other activities and units designated by the Commandant of the Marine Corps. To provide aviation support for Headquarters, Fleet Marine Force, Pacific.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M00318 MARINE CORPS BASE HAWAII EWA BEACH, HAWAII	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 2.17

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00318(BA) MARINE CORPS BASE HAWAII (PUULOA-OAHU) EWA BEACH, HAWAII			4. Project Title Range 1000, Puuloa	
5. Program Element 0216496M	6. Category Code 17940	7. Project Number P839	8. Project Cost (\$000) 5,380	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RANGE 1000, PUULOA (3,002 LF)	m	915		3,860
RANGE EXTENSION (3,002 LF)	m	915	4,163.78	(3,810)
SPECIAL COSTS	LS			(50)
SUPPORTING FACILITIES				800
MECHANICAL UTILITIES	LS			(310)
PAVING AND SITE IMPROVEMENTS	LS			(490)
SUBTOTAL				4,660
CONTINGENCY (5%)				230
TOTAL CONTRACT COST				4,890
SIOH (6.2%)				300
SUBTOTAL				5,190
DESIGN/BUILD - DESIGN COST				190
TOTAL REQUEST ROUNDED				5,380
TOTAL REQUEST				5,380
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a 365.8 meter (400 yard) long extension to the existing 600 yard long Rifle Range "B". The construction includes installation of two 281.9 meter (925-foot) long side containment structures. One side containment structure is an earth berm, 15.2 meters (50 feet) wide and a minimum of 4.3 meters (14.1 feet) above the firing line finish surface. Due to the site constraints of the electro-magnetic radiation hazard and to maximize the available space for 12 firing lanes, a concrete side containment wall will be installed in lieu of the 15.2 meters (50 feet) wide earth berm on the East side of the range. The concrete side containment wall is a 200 mm (8 inch) thick concrete wall and a minimum of 4.3 meters (14.1 feet) above the firing line finish surface.</p> <p>The project will provide a raised earth firing line with 12 firing lanes at the 700, 800, 900, and 1,000 yard firing lines. The construction scope of work also includes site clearing of shrubs and trees, installation of a 2.4 meter (8 feet) high perimeter chain link fence, 2.1 meter (7 feet) high chain link fence with 300 mm (1 foot) of barb wire, 1.2 meter (4 feet) high interior chain link fence, chain link gates, vehicle barrier gates, irrigation system, grassing, and erosion control blanket. The construction scope of work also includes modification to the target pit and impact berm which includes demolition of 36.3 meters (119 feet) of the top 1.0 meters (3 feet 4 inches) of the target pit back wall and installation of a rubber</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00318(BA) MARINE CORPS BASE HAWAII (PUULOA-OAHU) EWA BEACH, HAWAII			4. Project Title Range 1000, Puuloa	
5. Program Element 0216496M	6. Category Code 17940	7. Project Number P839	8. Project Cost (\$000) 5,380	
<p>bullet containment system for the 12 firing lanes.</p> <p>Supporting Facilities: Work includes installation of a 200 mm (8 inch) waterline, fire hydrants, and asphalt concrete road to provide fire protection in the event of brushfire.</p> <p>Sustainable design will be integrated into the design, development, and construction of the project.</p>				
<p><b>11. Requirement:</b>      <u>915 m</u>    <b>Adequate:</b>      <u>0 m</u>    <b>Substandard:</b>      <u>0 m</u></p> <p><b>PROJECT:</b></p> <p>This project provides a 1,000 yard firing range for sniper training. The project will extend Range "B" from its current 600 yards and provide firing positions for 12 shooters at the 700, 800, 900, and 1,000 yard firing lines. The target pit for the "B" range will be modified to support shooting at these increased distances.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>A 1,000 yard firing range is needed to conduct training and to host the Scout Sniper Basic Course (SSBC). The SSBC conducts two courses annually, each with a capacity of 25 students. Students in the qualification course are required to shoot from distances of up to 1,000 yards for both known and unknown distances. In addition to the two SSBCs, 3rd Marines Regimental School plans on increasing the course load by one additional SSBC course annually. In conjunction with the 31st Marine Expeditionary Unit (MEU) and III Marine Expeditionary Force Special Operations Training Group, Marine Corps Base Hawaii (MCBH) will also be hosting Mobile Training Teams conducting the urban sniper course which is required for the MEU Pre-deployment Training Program.</p> <p><b>CURRENT SITUATION:</b></p> <p>No military or civilian range in Hawaii is capable of supporting Marine Sniper training and qualification to 1,000 yards. The Puuloa Training facility does have the required protected pit area to support the moving and bobbing target requirements, but only out to a maximum distance of 600 yards. The Marine Sniper MOS requires firing at moving and bobbing targets beyond 600 yards (700 and 800 yards) and firing at stationary targets at 900 and 1,000 yards. No range in Hawaii can support these requirements.</p> <p>MCBH sniper training is currently operating under a Training and Education Command waiver that allows shooting at reduced size targets at 600 yards to simulate shooting at full size targets at the longer distances required</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00318(BA) MARINE CORPS BASE HAWAII (PUULOA-OAHU) EWA BEACH, HAWAII			4. Project Title Range 1000, Puuloa	
5. Program Element 0216496M	6. Category Code 17940	7. Project Number P839	8. Project Cost (\$000) 5,380	
<p>for qualification. However, this waiver is based on the condition that MCBH construct a known distance 1,000 yard range that would support sniper school requirements. The waiver will be rescinded if a 1,000 yard range is not constructed at MCBH, which will require sending Marine snipers to other, heavily utilized and overloaded sniper schools for training and qualification.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Marine forces will be unable to adequately train snipers locally resulting in added costs to fund training at CONUS ranges that are already heavily utilized. The SSBC at Camp Pendleton cannot accommodate the additional student load. The other SSBC schools at Quantico and Camp Lejeune are also at capacity.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				06/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				05/2009
(D) Percent completed as of September 2008				10%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$99
(B) All other design costs				\$148
(C) Total				\$247
(D) Contract				\$225
(E) In-house				\$22
4. Contract award:				12/2009
5. Construction start:				02/2010
6. Construction complete:				02/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00318(BA) MARINE CORPS BASE HAWAII (PUULOA-OAHU) EWA BEACH, HAWAII			4. Project Title Range 1000, Puuloa	
5. Program Element 0216496M	6. Category Code 17940	7. Project Number P839	8. Project Cost (\$000) 5,380	
available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Ed Urabe			Phone No: 808-477-8802	

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII				4. Command Commander Navy Installations Command		5. Area Const Cost Index 2.16					
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT		TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		1655	8599	7325	0	0	0	282	362	0	18223
B. End FY 2013		1571	8178	7325	0	0	0	282	362	0	17718
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(7446 Acres)											
B. INVENTORY AS OF 30 SEP 2008 ..... 9,960,458											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 143,448											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 134,775											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 49,100											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 144,806											
G. REMAINING DEFICIENCY ..... 1,645,390											
H. <b>GRAND TOTAL</b> ..... <b>12,077,977</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
17110	APCSS Conference & Technology Learning Center	06/2008	05/2009	1124 m2	12,775						
42172	Missile Magazines (5), West Loch	09/2008	05/2009	2515 m2	22,407						
15180	PACFLT Sub Drive-In MSF, Beckoning Point Inc 3 of 3	08/2006	09/2007	3391 m2	99,593						
					TOTAL	134,775					
9. Future Projects:											
A. Included In The Following Program:											
61010	Joint POW/MIA Accounting, USPACOM				13527 m2	49,100					
					TOTAL	49,100					
B. Major Planned Next Three Years:											
61010	Joint POW/MIA Accounting USPACOM					53,460					
15250	Reconstruct Wharf S20					34,490					
21370	Ship Maintenance Waterfront Facility					30,976					
73010	Fire Station, West Loch					7,636					
17120	Afloat Training Group Trainer					7,575					
15220	Waterfront Upgrade - Wharf S12					10,669					
					TOTAL	144,806					
C. R&M Unfunded Requirement (\$000): 4,655,029											
10. Mission or Major Functions:											
Homeport for approximately 40 surface combatants and submarines. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and most of the shore tenant activities in the Pearl Harbor area.											

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII	4. Command Commander Navy Installations Command	5. Area Const Cost Index 2.16
11. Outstanding Pollution and Safety Deficiencies (\$000): A. Pollution Abatement(*): 0 B. Occupational Safety and Health(OSH)(#): 0		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title APCSS Conference & Technology Learning Center	
5. Program Element 0815976N	6. Category Code 17110	7. Project Number P004	8. Project Cost (\$000) 12,775	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
APCSS CONFERENCE & TECHNOLOGY LEARNING CENTER (12,099 SF)	m2	1,124		7,690
CONFERENCE AND TECHNOLOGY LEARNING CENTER (10,323 SF)	m2	959	6,089.31	(5,840)
RESTROOM ROOF	m2	165	1,822.83	(300)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,200)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(60)
SPECIAL COSTS	LS			(110)
INFORMATION SYSTEMS	LS			(120)
SUPPORTING FACILITIES				3,340
SPECIAL FOUNDATION FEATURES	LS			(570)
ELECTRICAL UTILITIES	LS			(470)
MECHANICAL UTILITIES	LS			(1,200)
PAVING AND SITE IMPROVEMENTS	LS			(1,100)
SUBTOTAL				11,030
CONTINGENCY (5%)				550
TOTAL CONTRACT COST				11,580
SIOH (6.5%)				750
SUBTOTAL				12,330
DESIGN/BUILD - DESIGN COST				440
TOTAL REQUEST ROUNDED				12,770
TOTAL REQUEST				12,775
EQUIPMENT FROM OTHER				(572)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>The project proposes to construct a new low-rise concrete building at the Asia Pacific Center for Security Studies (APCSS), located in the Fort DeRussy Armed Forces Recreation Center (AFRC). The proposed one-story building will be approximately 959 square meters in size and will contain a library, computer lab, conference room, pre-function room, and restrooms. The project scope also includes the installation of a new steel-framed roof over the existing roof of the Restroom/ Electrical Room and Wing 'B' of</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title APCSS Conference & Technology Learning Center	
5. Program Element 0815976N	6. Category Code 17110	7. Project Number P004	8. Project Cost (\$000) 12,775	
<p>Bldg 202. Fire alarm systems and fire sprinklers will be installed to meet the National Fire Protection Association (NFPA) codes. OMSI Manuals will be provided for the facility operations, repair, and maintenance.</p> <p>Supporting facilities include the relocation of existing sewer, water, and chilled water lines, and the installation of new sewer, water, and fire protection lines for the new building. Also included is the installation of new sewer and water laterals for a new water feature located behind the existing restroom/ electrical room. Electrical site work shall include the installation of a new transformer, relocation of electrical and telephone handholes, and site lighting. Site work shall also include the relocation of existing trees, redesign of landscape features, and improving the site drainage between the existing building and the new building. The building elements include laminated glazing, steel exterior doors, and a bomb evacuation alarm.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>6,317 m2</u> <b>Adequate:</b> <u>4,693 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project constructs a new building for use as a Conference and Technology Learning Center (CTLC) at the Asia Pacific Center for Security Studies (APCSS). The new building will include a Technology and Computer Center, Library/ Regional Study Room, and Asia-Pacific Center Conference Room. The project also constructs a new roof over the existing Wing 'B' and the Restroom/ Electrical Room of Building 202. <p><b>(Current Mission)</b></p>				
<b>REQUIREMENT:</b> Each year, the Center conducts three 12-week Executive Courses, which includes senior military and civilian leaders (05 to 07 level) from 46 countries throughout the PACOM AOR. In addition, APCSS conducts two 3-week Counter-Terrorism Courses (05 to 07 level), two 1-week Senior Executive Courses (2 and 3 star level) and about twelve to fourteen Conferences each year. <p>The addition of a 4-week Junior Executive Course three times per year concurrently with the Executive Courses will add another 90 students, thereby increasing the throughput requirement to 500 students per year.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title APCSS Conference & Technology Learning Center	
5. Program Element 0815976N	6. Category Code 17110	7. Project Number P004	8. Project Cost (\$000) 12,775	
<p>The existing facilities limit APCSS to a maximum student throughput of approximately 350 students annually.</p> <p>The new wing will provide additional classroom space needed to meet annual student throughput requirements, and provide a larger capacity conference room to allow for most conferences to be held on-site at the APCSS facility. The increased capacity of the new computer lab, will free up existing computer lab space for the Supply and Procurement receiving and storage functions, and also meet the requirement to provide each student work station with a computer. The new Library will provide sufficient space for 100 students and allow the existing Library space to be converted to a student lounge where none exists now.</p> <p><b>CURRENT SITUATION:</b></p> <p>APCSS does not have adequate facilities to accommodate annual student throughput requirements of 500 students per year. Due to the lack of adequate classroom, library, computer lab and conference room space, the APCSS is limited to a maximum throughput of approximately 350 students per year.</p> <p>Currently, most APCSS conferences and seminars must be held off-site in nearby Waikiki hotels, due to the lack of conference room space which results in a relatively high cost to the government. The existing computer lab can only accommodate about 20 students per session, which is less than a quarter of the programmed class size of 100 students in the 12-week Executive Course. The limited seating capacity requires that classes be broken up into several smaller units decreasing the overall efficiency of College curriculum operations. The existing Library size and configuration only allows for about 35-40 students to use the library at any given time, and is significantly undersized to accommodate classes with 100 students.</p> <p>A portion of the existing, built-up roof over the Restroom/ Electrical Room has had numerous leaks over the years, which has caused a safety hazard and damage to the facilities and equipment. The exposed, roof mounted, air conditioning equipment is unsightly in the high profile area of downtown Waikiki, and inefficient due to heat gains on the ducts and piping resulting in higher energy costs. Also, the flat, built-up roof does not cohere with the remainder of the building, which has a steel framed, hip roof with metal roofing. Installation of a new steel-framed roof over the existing Wing 'B' and Restroom/ Electrical Room is required to alleviate the safety hazards and damage to facilities and equipment.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title APCSS Conference & Technology Learning Center	
5. Program Element 0815976N	6. Category Code 17110	7. Project Number P004	8. Project Cost (\$000) 12,775	
<b>IMPACT IF NOT PROVIDED:</b> The lack of classroom, conference room, computer lab, and library space will continue to create constraints on the class size and efficiency of College and Conference operations. The roof leakage problem over Wing 'B' and the Restroom/ Electrical Room will continue to cause a safety hazard for students and Center personnel, and damage facilities and equipment. Existing air-conditioning systems will continue to be inefficient due to exposure to the weather, resulting in increased energy costs due to heat gains on the ducts and piping.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				06/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				05/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$242
(B) All other design costs				\$363
(C) Total				\$605
(D) Contract				\$549
(E) In-house				\$56
4. Contract award:				12/2009
5. Construction start:				02/2010
6. Construction complete:				02/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment (various)		OMN		98
Computer Equipment (various)		OMN		132
Conference Room Equipment (various)		OMN		276
Physical Security		OMN		66
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title APCSS Conference & Technology Learning Center	
5. Program Element 0815976N	6. Category Code 17110	7. Project Number P004	8. Project Cost (\$000) 12,775	
<p>The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>				
Activity POC: Mike Hogan			Phone No: 808-971-8908	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title APCSS Conference & Technology Learning Center	
5. Program Element 0815976N	6. Category Code 17110	7. Project Number P004	8. Project Cost (\$000) 12,775	
<p><b>Blank Page</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Missile Magazines (5), West Loch	
5. Program Element 0712976N	6. Category Code 42172	7. Project Number P182	8. Project Cost (\$000) 22,407	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MISSILE MAGAZINES (5), WEST LOCH (27,071 SF)	m2	2,515		16,060
MISSILE MAGAZINE (27,071 SF)	m2	2,515	6,290.04	(15,820)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(80)
SPECIAL COSTS	LS			(160)
SUPPORTING FACILITIES				3,340
ELECTRICAL UTILITIES	LS			(630)
MECHANICAL UTILITIES	LS			(370)
PAVING AND SITE IMPROVEMENTS	LS			(2,340)
SUBTOTAL				19,400
CONTINGENCY (5%)				970
TOTAL CONTRACT COST				20,370
SIOH (6.2%)				1,260
SUBTOTAL				21,630
DESIGN/BUILD - DESIGN COST				780
TOTAL REQUEST ROUNDED				22,410
TOTAL REQUEST				22,407
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct five standard type "C" earth covered, box magazines of reinforced concrete with three 7.6 m (25 feet) wide electrically operated doors at ground level for the Navy Munitions Command (NMC), East Asia Division, Detachment Pearl Harbor, West Loch, Hawaii.</p> <p>Supporting facilities: Include access roads, concrete apron, interior lighting and power, exterior security lighting, grounding, building lightning protection, building electrical service, site secondary electrical distribution and fire hydrants. Special foundation features include excavation of existing subgrade to the coral formation and concrete fill below the invert of the magazine foundation to the coral formation.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Missile Magazines (5), West Loch	
5. Program Element 0712976N	6. Category Code 42172	7. Project Number P182	8. Project Cost (\$000) 22,407	
<p><b>PROJECT REQUIREMENT:</b>    <u>3,744 m2</u>    <b>Adequate:</b>    <u>1,487 m2</u>    <b>Substandard:</b>    <u>0 m2</u>  Construct five standard type "C" earth covered, box magazines of reinforced concrete which are needed to support increased inventory of long ordnance. (current mission)</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate magazine space is required to meet the mission of NMC. The mission of NMC is to receive, renovate, maintain, store and issue ammunition, weapons, and technical ordnance material for the Navy, Air Force and Army and other activities and units as designated by the chief of Naval Operations (CNO). Ordnance is stored in magazines at the West Loch Branch and the Lualualei Branch.</p> <p>The inventory of long ordnance required to be stored at NMC is expected to increase by approximately 100 units per year through FY 2011. This new long ordnance inventory will consist primarily of tomahawk missiles, harpoon missiles, standard missiles, vertical launch ASROC, and enhanced seasparrow missiles. The increase in inventory will be generated by deliveries of new ordnance and by increases in the population of homeported ships and submarines with vertical launch capabilities.</p> <p><b>CURRENT SITUATION:</b></p> <p>The NMC West Loch Branch is the only location in Pearl Harbor authorized for large ordnance movement, and provides the only wharves in the mid-Pacific that can be used to move large quantities of ordnance to and from ships and submarines. The NMC West Loch Branch also provides magazines for ordnance storage, but only three of the magazines are missile magazines and are suitable for long ordnance. The remaining magazines are either too small, or have narrow doors, narrow loading platforms, and/or many interior pillars. The NMC Lualualei Branch also provides magazines for ordnance storage, but none of the magazines are suitable for long ordnance for the same reasons. The three existing missile magazines are fully utilized storing the existing inventory of long ordnance. There is one additional missile magazine at NMC West Loch Branch in the previous limited area but it is not effectively usable for long ordnance due to restrictions based on its location and proximity to an ordnance operating building.</p> <p>Since the ammunition wharves are located at the West Loch Branch, the use of magazines at the NMC Lualualei Branch requires transporting ordnance over 16 miles on public highway which adds transportation costs and security and accident risks.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Missile Magazines (5), West Loch	
5. Program Element 0712976N	6. Category Code 42172	7. Project Number P182	8. Project Cost (\$000) 22,407	
<p>The NMC West Loch Branch contains sufficient land to construct additional magazines such that the new Explosive Safety Quantity Distance (ESQD) arcs from the new magazines will be within the existing ESQD arcs from the ammunition wharves.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If no new magazines are constructed, total long weapon inventory required to be stored at NMC will exceed the storage capacity. This will require that some of the ordnance that Pacific Fleet needs to be stored at Pearl Harbor will have to be stored elsewhere or not be provided to the Pacific fleet. This will result in a degradation of warfighting capability due to not having the required ordnance in the desired location for fleet operational readiness. Further, no progress would be made towards consolidating ordnance storage at the West Loch Branch.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				05/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				West Loch
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$352
(B) All other design costs				\$528
(C) Total				\$880
(D) Contract				\$800
(E) In-house				\$80
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				06/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Missile Magazines (5), West Loch	
5. Program Element 0712976N	6. Category Code 42172	7. Project Number P182	8. Project Cost (\$000) 22,407	
requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Mr. Norm Glenn			Phone No: (808) 471-1111 x163	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Sub Drive-In MSF, Beckoning Point Inc 3 of 3	
5. Program Element 0212176N	6. Category Code 15180	7. Project Number P587B	8. Project Cost (\$000) 8,645	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SUB DRIVE-IN MSF, BECKONING POINT INC 3 OF 3 (36,500 SF)	m2	3,391		42,430
DEPERMING PIER (32,076 SF)	m2	2,980	13,174	(39,260)
RECTIFIER BUILDING (4,424 SF)	m2	411	4,523	(1,860)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(420)
BUILT-IN EQUIPMENT	LS			(850)
INFORMATION SYSTEMS	LS			(40)
SUPPORTING FACILITIES				43,800
SPECIAL CONSTRUCTION FEATURES	LS			(20,620)
ELECTRICAL UTILITIES	LS			(4,180)
MECHANICAL UTILITIES	LS			(50)
PAVING AND SITE IMPROVEMENTS	LS			(16,110)
DEMOLITION	LS			(2,840)
SUBTOTAL				86,230
CONTINGENCY (5%)				4,310
TOTAL CONTRACT COST				90,540
SIOH (6.2%)				5,610
SUBTOTAL				96,150
DESIGN/BUILD - DESIGN COST				3,450
TOTAL REQUEST ROUNDED				99,600
TOTAL REQUEST				99,593
EQUIPMENT FROM OTHER				(19,700)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Construct a new 213-meter (700-foot) non-magnetic concrete slip at Beckoning Point to support a drive-in solenoid structure. The work will include demolition of the existing two-story wooden pier and walkway bridge, and the existing marine rail with winch, shed and compressor; construction of new piers with overhead trusses at 14.78 meters (48.5 feet) above mean high water; construction of a pedestrian bridge; construction for forklift accessibility; constructions of sewer connections on pier and sewer piping from pier to holding tank on shore; construction of a 411 square meter (4,425-square foot) Rectifier and Substation Building. The magnetic silencing (deperming) operation produces high-intensity magnetic</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Sub Drive-In MSF, Beckoning Point Inc 3 of 3	
5. Program Element 0212176N	6. Category Code 15180	7. Project Number P587B	8. Project Cost (\$000) 8,645	
<p>fields during the treatment of the submarine. The operation requires structures to be constructed with materials that have a low magnetic permeability property. Local common concrete aggregates were tested and were not acceptable. Aggregates with low magnetic permeability property will have to be imported from out of state. Other materials affected include concrete rebars, fenders, mooring, cleats, cable supports and all steel hardware. Construction dredging will be required to obtain a project depth of 14.0 +0.610 meter (46 +2 feet) and 12.8 +0.610 meter (42 +2 feet) for the pier area and the approach area, respectively.</p>				
<p><b>11. Requirement:</b>    <u>3,391 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b> Construct a new non-magnetic concrete drive-in magnetic silencing facility (deperming pier). <b>(New Mission)</b></p> <p><b>REQUIREMENT:</b> A submarine is susceptible to detection by enemy sensor systems and magnetic influence bottom and moored mines if its magnetic signature is not controlled and managed within the limits specified. The magnetic signature of a submarine is measured on a Magnetic Silencing Facility (MSF) sensor range, and if the signature is out-of-specification, the submarine must be treated or depermed (demagnetized) at a MSF. In PACFLT, there are two MSF sensor ranges, (located in San Diego CA, and Yokosuka Japan) that are capable of measuring the magnetic signatures of SSN-774 and SSN-21 Class submarines, but none are capable of measuring the electric signatures. The MSF located in Pearl Harbor HI can only deperm SSN-688 Class, and requires the hull of the submarine to be manually wrapped with heavy high-current cables. This type of MSF is referred to as a wrap facility, and takes approximately 3-days to complete the deperming process. A drive-in facility does not require manual wrapping and because of this the process can be completed in less than 24-hours. None of the existing Pacific Fleet MSFs are capable of deperming a SSN-21 or SSN-774 Class submarine.</p> <p>Building a new single PACFLT Submarine drive-in MSF located at Pearl Harbor to support SSN-688, SSBN-726, SSGN, SSN-21, and SSN-774 Class submarines, is the best business solution for the Navy. Having a single PACFLT Submarine drive-in MSF at Pearl Harbor that supports all classes of submarines will allow closure of the existing submarine MSFs located in San Diego CA, Pearl Harbor HI, and Bangor WA, resulting in cost savings.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Sub Drive-In MSF, Beckoning Point Inc 3 of 3	
5. Program Element 0212176N	6. Category Code 15180	7. Project Number P587B	8. Project Cost (\$000) 8,645	
<p>The current wrap MSF at Beckoning Point (Pearl Harbor) is a two story wooden facility approximately 113 m (372 ft) long and 3 m (10 ft) wide, and positioned about 27 m (90 ft) off shore. It is servicing ships that are about 250 m (820 ft) long (more than double its berthing length). Cables are brought from a shore side storage facility, placed on floats and are staged at a predetermined location around the wharf. Due to the design of the pier, the floats are used to move the cables to the side of the ship where it is wrapped around the ship. It is extremely difficult work to wrap the cables around the ship from the moving floats in the ocean. There is no forklift accessibility to the existing pier, to lug heavy cables. All heavy cable work is labor intensive and time consuming.</p> <p>Due to the age of the existing wharf (constructed circa 1942) and being subjected to wood-rot and marine borers, constant and expensive repair/maintenance is required to replace the decayed structure in order to insure a safe working environment for personnel handling the heavy cables on the wharf.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>SSN-774 Virginia Class submarines require a drive-in facility and cannot be depermed with the current method available at Beckoning Point. The existing facility does not have the capability to calibrate on-board signature silencing systems of the SSN-21 and SSN-774 Class submarines. These submarines will not have their magnetic signatures minimized. This will have adverse impact on Fleet readiness, mission effectiveness, increased susceptibility to mines and detection, and an increased risk to the war fighters.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2006
(B) Date 35% Design or Parametric Cost Estimate complete				12/2006
(C) Date design completed				09/2007
(D) Percent completed as of September 2008				100%
(E) Percent completed as of January 2009				100%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				Kings Bay, GA
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$2,710

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62813 NAVSTA PEARL HARBOR HI PEARL HARBOR, HAWAII			4. Project Title Sub Drive-In MSF, Beckoning Point Inc 3 of 3	
5. Program Element 0212176N	6. Category Code 15180	7. Project Number P587B	8. Project Cost (\$000) 8,645	
(B) All other design costs				\$200
(C) Total				\$2,910
(D) Contract				\$2,710
(E) In-house				\$200
4. Contract award:				08/2008
5. Construction start:				12/2008
6. Construction complete:				05/2010
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Controls Between Rect/Sub Bldg & B54		OPN	2009	30
Data Acquisition System		OPN	2010	341
Deperm Control System and Sensors		OPN	2010	56
Loop Power Rectifier and Y-Loop Supply		OPN	2008	1,300
MTMS Sensor Array/Keel Row Magnetometer		OPN	2009	5,400
NSWC/NUWC/NFESC Equip and Support		OPN	2010	1,100
X-, Y-, and Z-Loop Cables and Installation		OPN	2010	11,473
JOINT USE CERTIFICATION:				
The Regional Commander or the Installation Management Claimant certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Authorization and Appropriation Summary				
	Authorization	Appropriation	Auth for Approp.	
FY 2008 Approved by Congress	\$99,860K	\$49,860K	\$49,860K	
FY 2009 Request	\$0K	\$41,088K	\$41,088K	
FY 2010 Request	\$0K	\$8,645K	\$8,645K	
Activity POC: Stuart Hara		Phone No: (808) 474-4254		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.06				
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	174	1860	2093	325	15836	0	2971	36690	7066
B. End FY 2013	174	1860	2089	325	15836	0	3054	38037	7140	68515
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(130936 Acres)										
B. INVENTORY AS OF 30 SEP 2008 ..... 7,288,431										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 322,344										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 780,660										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 1,032,370										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 709,160										
G. REMAINING DEFICIENCY ..... 1,477,339										
H. <b>GRAND TOTAL</b> ..... <b>11,610,304</b>										
8. Projects Requested In This Program										
<u>Cat</u>				<u>Design Status</u>						<u>Cost</u>
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>		<u>Scope</u>			<u>(\$000)</u>
74044	Physical Fitness Center			08/2008	06/2009		9614 m2			39,760
72124	Bachelor Enlisted Quarters, Wallace Creek			08/2008	06/2009		9440 m2			43,480
72124	Bachelor Enlisted Quarters, Wallace Creek			12/2008	09/2009		9663 m2			44,390
72124	Bachelor Enlisted Quarters, Wallace Creek			12/2008	09/2009		9663 m2			44,390
72124	Bachelor Enlisted Quarters, Wallace Creek			08/2008	06/2009		9663 m2			42,110
61072	Maintenance/Operations Complex			08/2008	03/2009		8294 m2			52,390
72124	Bachelor Enlisted Quarters, Wallace Creek			08/2008	04/2009		12252 m2			34,160
93220	Utility Expansion, Courthouse Bay			08/2008	09/2009		0 LS			56,280
17120	SOI-EAST Facilities, Camp Geiger			08/2008	06/2009		12807 m2			56,940
17120	Field Training Facility, Devil Dog SOI			08/2008	06/2009		3581 m2			37,170
61072	4th Infantry Battalion Ops Complex			12/2008	06/2009		8274 m2			55,150
85110	Road Network, Wallace Creek			08/2008	08/2009		14630 m2			15,130
73020	MP Working Dog Kennel Relocation			08/2008	06/2009		1341 m2			8,370
73015	Pre-Trial Detainee Facility			08/2008	06/2009		2287 m2			18,580
13117	Consolidated InfoTech/Telcom Complex			08/2008	06/2009		10654 m2			46,120
85110	New Base Entry Point and Road, Phase 1			08/2008	08/2009		0 LS			79,150

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009	
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA	4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.06		
11210	Parallel Taxiway	08/2008 06/2009	55856	m2	17,870
11665	Tactical Support Van Pad Addition	08/2008 06/2009	9556	m2	5,490
21105	VMMT-204 Maintenance Hangar, Phase 3	08/2008 06/2009	4298	m2	28,210
11320	Apron Expansion, Phase 2	08/2008 03/2009	175000	m2	35,600
74044	Gymnasium/Outdoor Pool	08/2008 06/2009	4251	m2	19,920
TOTAL					780,660
9. Future Projects:					
A. Included In The Following Program:					
21451	Motor Transportation/Comm Maintenance Fac	32238	SF	19,280	
17751	Squad Battle Course			LS	13,960
13165	2nd Intel Bn Operations Complex	135367	SF	62,430	
17961	II MEF Specialized Shooting Complex			LS	31,600
61072	Recon Platoon Maintenance/Ops Complex			0 LS	37,290
61073	Maintenance/Ops Complex, 2nd Anglico	62764	SF	33,290	
14320	EOD Addition, 2nd Marine Logistics Group	16038	SF	7,190	
72124	Bachelor Enlisted Quarters, Courthouse Bay	101611	SF	46,580	
72124	Bachelor Enlisted Quarters, Courthouse Bay			46,580	
72124	Bachelor Enlisted Quarters, Courthouse Bay			46,580	
72210	Mess Hall Addition, Courthouse Bay	2142	SF	2,320	
93220	Utility Expansion, French Creek			0 LS	56,220
72210	Mess Hall, French Creek	21948	SF	18,790	
72124	Bachelor Enlisted Quarters - Rifle Range			56,760	
72124	Bachelor Enlisted Quarters, Rifle Range			32,340	
72124	Bachelor Enlisted Quarters - French Creek	111611	SF	51,660	
72124	Bachelor Enlisted Quarters - Camp Johnson	101611	SF	46,740	
72124	Bachelor Enlisted Quarters, Wallace Creek North			51,740	
72124	Bachelor Enlisted Quarters - Wallace Creek North	105615	SF	50,230	
14345	Armory II MEF - Wallace Creek	19504	SF	10,780	
72124	Bachelor Enlisted Quarters, Wallace Creek	101611	SF	42,580	
85110	New Base Entry Point and Road, Phase 2			89,960	
21451	Motor Transportation Facility, HQ BN			27,520	
21105	Hangar	124302	SF	47,760	
21105	MV-22 Maintenance Hangar (HMLA)	127983	SF	54,370	
14345	Armory	14854	SF	9,000	
61010	Installation Personnel Admin Center	17664	SF	9,990	
73025	Douglass Gate Security Upgrades	297902	SF	10,230	
21820	8th Engineer Ops/Maintenance Complex	35492	SF	18,600	
TOTAL					1,032,370
B. Major Planned Next Three Years:					
84110	Water Treatment Facility; Hadnot Point			53,840	
21440	LAV Maintenance Shelters			4,670	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009																																																			
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.06																																																			
<table border="0" style="width: 100%;"> <tr><td>72210</td><td>Enlisted Dining Facility French Creek</td><td style="text-align: right;">31,000</td></tr> <tr><td>17120</td><td>MCCSSS Training Facilities</td><td style="text-align: right;">70,810</td></tr> <tr><td>61071</td><td>Regimental/Battalion Hdqtrtrs, 10th MAR REG</td><td style="text-align: right;">46,150</td></tr> <tr><td>44120</td><td>Consolidated CIF/NBC Warehouses</td><td style="text-align: right;">39,550</td></tr> <tr><td>93220</td><td>Infrastructure, Hadnot Point</td><td style="text-align: right;">82,580</td></tr> <tr><td>61073</td><td>8th Communications Battalion Complex</td><td style="text-align: right;">75,880</td></tr> <tr><td>14345</td><td>10th Marine Reg and Tank Battalion Armory</td><td style="text-align: right;">15,500</td></tr> <tr><td>17110</td><td>Applied Instruction Facility MCES</td><td style="text-align: right;">77,840</td></tr> <tr><td>72115</td><td>Open Bay Barrack &amp; Mess Hall Addition SOI</td><td style="text-align: right;">57,010</td></tr> <tr><td>85110</td><td>New Base Entry Point and Road, Phase 3</td><td style="text-align: right;">42,930</td></tr> <tr><td>11110</td><td>Runway Extension</td><td style="text-align: right;">13,560</td></tr> <tr><td>21105</td><td>CH-53 Hangar With Apron</td><td style="text-align: right;">33,290</td></tr> <tr><td>21105</td><td>HMT Hangar With Apron, HMLA</td><td style="text-align: right;">37,030</td></tr> <tr><td>72210</td><td>Enlisted Dining Facility, Hadnot Point</td><td style="text-align: right;">18,120</td></tr> <tr><td>17955</td><td>Combat Training Tank</td><td style="text-align: right;">9,400</td></tr> <tr><td colspan="2" style="text-align: right;">TOTAL</td><td style="text-align: right; border-top: 1px solid black;">709,160</td></tr> <tr><td colspan="2">C. R&amp;M Unfunded Requirement (\$000):</td><td style="text-align: right;">75,100</td></tr> </table>	72210	Enlisted Dining Facility French Creek	31,000	17120	MCCSSS Training Facilities	70,810	61071	Regimental/Battalion Hdqtrtrs, 10th MAR REG	46,150	44120	Consolidated CIF/NBC Warehouses	39,550	93220	Infrastructure, Hadnot Point	82,580	61073	8th Communications Battalion Complex	75,880	14345	10th Marine Reg and Tank Battalion Armory	15,500	17110	Applied Instruction Facility MCES	77,840	72115	Open Bay Barrack & Mess Hall Addition SOI	57,010	85110	New Base Entry Point and Road, Phase 3	42,930	11110	Runway Extension	13,560	21105	CH-53 Hangar With Apron	33,290	21105	HMT Hangar With Apron, HMLA	37,030	72210	Enlisted Dining Facility, Hadnot Point	18,120	17955	Combat Training Tank	9,400	TOTAL		709,160	C. R&M Unfunded Requirement (\$000):		75,100		
72210	Enlisted Dining Facility French Creek	31,000																																																			
17120	MCCSSS Training Facilities	70,810																																																			
61071	Regimental/Battalion Hdqtrtrs, 10th MAR REG	46,150																																																			
44120	Consolidated CIF/NBC Warehouses	39,550																																																			
93220	Infrastructure, Hadnot Point	82,580																																																			
61073	8th Communications Battalion Complex	75,880																																																			
14345	10th Marine Reg and Tank Battalion Armory	15,500																																																			
17110	Applied Instruction Facility MCES	77,840																																																			
72115	Open Bay Barrack & Mess Hall Addition SOI	57,010																																																			
85110	New Base Entry Point and Road, Phase 3	42,930																																																			
11110	Runway Extension	13,560																																																			
21105	CH-53 Hangar With Apron	33,290																																																			
21105	HMT Hangar With Apron, HMLA	37,030																																																			
72210	Enlisted Dining Facility, Hadnot Point	18,120																																																			
17955	Combat Training Tank	9,400																																																			
TOTAL		709,160																																																			
C. R&M Unfunded Requirement (\$000):		75,100																																																			
10. Mission or Major Functions: MCB Camp Lejeune supports the combat readiness of expeditionary forces by providing training, logistic, garrison support, mobilization and deployment support and a wide range of quality of life services including housing, safety and security, medical and dental care, family services, off-duty education and recreation.																																																					
11. Outstanding Pollution and Safety Deficiencies (\$000): A. Pollution Abatement(*): 0 B. Occupational Safety and Health(OSH)(#): 0																																																					

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.06

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Physical Fitness Center	
5. Program Element 0216496M	6. Category Code 74044	7. Project Number P1160	8. Project Cost (\$000) 39,760	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PHYSICAL FITNESS CENTER (103,484 SF)	m2	9,614		29,790
INDOOR FITNESS FACILITY (90,029 SF)	m2	8,364	2,391.63	(20,000)
INDOOR SWIMMING POOL (13,455 SF)	m2	1,250	2,663.5	(3,330)
ANTI-TERRORISM/FORCE PROTECTION	LS			(540)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,360)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(410)
BUILT-IN EQUIPMENT	LS			(3,450)
SPECIAL COSTS	LS			(360)
INFORMATION SYSTEMS	LS			(340)
SUPPORTING FACILITIES				4,790
SPECIAL CONSTRUCTION FEATURES	LS			(40)
SPECIAL FOUNDATION FEATURES	LS			(2,020)
ELECTRICAL UTILITIES	LS			(450)
MECHANICAL UTILITIES	LS			(690)
PAVING AND SITE IMPROVEMENTS	LS			(1,000)
SITE PREPARATIONS	LS			(530)
ENVIRONMENTAL MITIGATION	LS			(60)
SUBTOTAL				34,580
CONTINGENCY (5%)				1,730
TOTAL CONTRACT COST				36,310
SIOH (5.7%)				2,070
SUBTOTAL				38,380
DESIGN/BUILD - DESIGN COST				1,380
TOTAL REQUEST ROUNDED				39,760
TOTAL REQUEST				39,760
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,500)
<b>10. Description of Proposed Construction:</b>				
Primary Facility: Construct a concrete masonry unit building on pile				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Physical Fitness Center	
5. Program Element 0216496M	6. Category Code 74044	7. Project Number P1160	8. Project Cost (\$000) 39,760	
<p>foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete floor and standing seam metal roof. Facility will be constructed as a destructive weather shelter for extreme wind events. These additional construction features will include an emergency generator, wind resistant cladding, reinforced masonry walls, rollup storm shutters or wind rated windows, wind rated doors and wind anchorage for mechanical and plumbing components. The new facility shall include the following areas: indoor swimming pool, indoor running track, gymnasium with basketball/volleyball court and spectator seating, racquetball courts, unit physical training/group exercise room, aerobic/exercise area, a cardiovascular training area and a weight training/body development area. Additionally, space shall be provided for an equipment storage/gear issue area with shelving, administration area including private staff offices, a fitness assessment room, a laundry facility, vending area, separate men/women/family locker area with showers, toilets, and sauna. Built-in equipment includes lockers, sound system, laundry, vending and support. Electrical systems include energy saving electronic monitoring and control system, information systems, fire alarm systems and mass notification system. Mechanical systems include plumbing, fire protection systems, fire pump and heating ventilation and air conditioning. Information systems will include telephone, Local Area Network (LAN), voice and data communication systems and secure information systems.</p> <p>Supporting Facilities: Work includes site and building utility connections for water, natural gas, sanitary and storm sewers, electrical, telephone, LAN and cable television. Paving and site improvements include exterior site and building lighting, paved parking and roadways, sidewalks, storm water management pond, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping, and building and roadway signage.</p> <p>Construction of all structural design will be in accordance with building standards for seismic zones, wind loads and snow loads. Project includes operation and maintenance support information, Anti-Terrorism/Force Protection, and NMCI requirements. The facility will be designed in accordance with Federal standards for use as a destructive weather shelter. Sustainable design principles will be included in the design and construction of the project in accordance with EPAC 2005. Low impact development will be included in the design and construction of this project.</p>				
<b>11. Requirement:</b> <u>9,514 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Physical Fitness Center	
5. Program Element 0216496M	6. Category Code 74044	7. Project Number P1160	8. Project Cost (\$000) 39,760	
<p><b>PROJECT:</b></p> <p>This project constructs a new Indoor Fitness Facility with indoor swimming pool in the Hadnot Point area (Wallace Creek) to meet all the individual physical fitness, training and quality of life needs of the additional population increase at Marine Corps Base Camp Lejeune.</p> <p>As a destructive weather shelter the facility will serve four major functions: normal facility function, intermittent use of entire facility as a temporary severe weather shelter, a portion of the facility as a safe room for a catastrophic storm event, use of entire facility as a post recovery shelter after a catastrophic event.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The lack of sufficient physical fitness centers in the Hadnot Point area will result in overcrowded physical fitness facilities as well as fragmented fitness training and quality of life programs for active duty military, their dependents and retirees. Physical fitness and readiness of the Marines will be hindered. The use of over-crowded facilities will put Marines in danger due to exceeding the fire and safety occupancy rating for the facility during peak hours.</p> <p><b>CURRENT SITUATION:</b></p> <p>Military units associated with Grow the Force began arriving in 2007, and occupy/utilize interim facilities that consist mostly of trailers, pre-engineered buildings, and portable armories. A review of demographic statistics by base Marine Corps Community Services personnel indicate that the base has a requirement for an additional Physical Fitness Center in the Hadnot Point area to adequately support these additional personnel.</p> <p>There are currently no facilities located at Marine Corps Base Camp Lejeune for use as a destructive weather shelter.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The lack of sufficient physical fitness centers in the Hadnot Point area will result in overcrowded physical fitness facilities as well as fragmented fitness training and quality of life programs for active duty military, their dependents, and retirees. Physical fitness and readiness of the Marines will be hindered. The use of over-crowded facilities will put Marines in danger due to exceeding the fire and safety occupancy rating for the facility during peak hours.</p> <p>With no available destructive weather shelters people would be forced to attempt evacuation. Moving this many people would be a monumental and dangerous task that takes more time than will ever be afforded by an</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Physical Fitness Center	
5. Program Element 0216496M	6. Category Code 74044	7. Project Number P1160	8. Project Cost (\$000) 39,760	
inbound storm system. If evacuation where attempted military personnel would be forced to compete with anywhere from 120,000 to 412,000 civilian residents for inland transit and sheltering. Effective sheltering is the preferred mitigation technique.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$300
(B) All other design costs				\$150
(C) Total				\$450
(D) Contract				\$400
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY</u>	<u>Approp</u>
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equip't		PMC	2011	1,500
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: William Brant			Phone No: 910-451-7581	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1194	8. Project Cost (\$000) 43,480	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ - WALLACE CREEK (101,611 SF)	m2	9,440		29,790
BEQ 1 (50,806 SF)	m2	4,720	2,746.44	(12,960)
BEQ 2 (50,806 SF)	m2	4,720	2,746.44	(12,960)
ANTI-TERRORISM/FORCE PROTECTION	LS			(670)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,440)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(400)
BUILT-IN EQUIPMENT	LS			(860)
SPECIAL COSTS	LS			(380)
INFORMATION SYSTEMS	LS			(120)
SUPPORTING FACILITIES				8,030
SPECIAL CONSTRUCTION FEATURES	LS			(40)
SPECIAL FOUNDATION FEATURES	LS			(1,520)
ELECTRICAL UTILITIES	LS			(1,330)
MECHANICAL UTILITIES	LS			(1,870)
PAVING AND SITE IMPROVEMENTS	LS			(1,800)
SITE PREPARATIONS	LS			(1,410)
ENVIRONMENTAL MITIGATION	LS			(60)
SUBTOTAL				37,820
CONTINGENCY (5%)				1,890
TOTAL CONTRACT COST				39,710
SIOH (5.7%)				2,260
SUBTOTAL				41,970
DESIGN/BUILD - DESIGN COST				1,510
TOTAL REQUEST ROUNDED				43,480
TOTAL REQUEST				43,480
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,272)
<b>10. Description of Proposed Construction:</b>				
Primary Facilities: Construct two multi-story Bachelor Enlisted Quarters (BEQ) with interior and exterior concrete masonry walls on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete foundation and floors, and standing seam metal roofs.				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1194	8. Project Cost (\$000) 43,480	
<p>Built-in equipment for each BEQ building includes: Americans with Disabilities Act compliant passenger/freight elevator; fire pump with generator backup; spectrally selective window glazing; energy management control systems, advanced utility metering for electric and domestic water; and mass notification system. Information systems include telephone; local area network; and six NMCI seats in each BEQ.</p> <p>Supporting Facilities: Electrical utilities include: electrical distribution and fire alarm system. Mechanical utilities include: water distribution; fire protection system; and heating, ventilation and air conditioning. Supporting facilities also include: site lighting; paved parking and roadways; sidewalks; miscellaneous concrete pads; staging and drying area for field equipment; stormwater retention pond; clearing and grubbing; earthwork; landscaping; building and roadway signage; and widening of Birch Street to four lanes from Cross Street to the existing four lane section of Birch Street.</p> <p>The project will provide Anti-Terrorism (AT) features and comply with AT regulations, physical security and progressive collapse mitigation. The project also includes operation and maintenance support information and environmental mitigation.</p> <p>Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Intended Grade Mix: 210 E1-E3, 95 E4-E5. Total: 305 Persons. Maximum Utilization: 400 E1-E3.</p>				
<p><b>11. Requirement:</b>    <u>8,540 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b> Provide adequate billeting for the Hadnot Point Area. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> This project helps support the additional billeting requirement for the additional 5,000+ enlisted Marines assigned to Camp Lejeune, as a result of the end strength increases.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1194	8. Project Cost (\$000) 43,480	
<p>Camp Lejeune currently has a total manspace deficiency of 4,883 manspaces. Military units associated with Grow the Force began arriving in FY 2007, increasing the deficiency.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide these essential facilities and supporting infrastructure will result in a shortage of adequately billeted Marines. Existing BEQ facilities will continue to be heavily used with little or no down time for scheduled/cyclic maintenance.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$300
(B) All other design costs				\$150
(C) Total				\$450
(D) Contract				\$400
(E) In-house				\$50
4. Contract award:				11/2009
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment (Various)	PMC	2011	1,250	
NMCI Connections	O&MMC	2011	22	
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1194	8. Project Cost (\$000) 43,480	
<p>Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p>				
Activity POC: Larry Brant			Phone No: (910) 451-1833	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1195	8. Project Cost (\$000) 44,390	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ - WALLACE CREEK (104,012 SF)	m2	9,663		29,930
BEQ 1 (50,806 SF)	m2	4,720	2,733.33	(12,900)
BEQ 2 (50,806 SF)	m2	4,720	2,733.33	(12,900)
RECREATION SHELTER (807 SF)	m2	75	569.02	(40)
PERSONAL EQUIPMENT CLEANING STATION (1,593 SF)	m2	148	1,189.54	(180)
ANTI-TERRORISM/FORCE PROTECTION	LS			(710)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,400)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(430)
BUILT-IN EQUIPMENT	LS			(790)
SPECIAL COSTS	LS			(400)
INFORMATION SYSTEMS	LS			(180)
SUPPORTING FACILITIES				8,680
SPECIAL FOUNDATION FEATURES	LS			(1,680)
ELECTRICAL UTILITIES	LS			(1,630)
MECHANICAL UTILITIES	LS			(1,840)
PAVING AND SITE IMPROVEMENTS	LS			(1,830)
SITE PREPARATIONS	LS			(1,260)
ENVIRONMENTAL MITIGATION	LS			(190)
ANTI-TERRORISM/FORCE PROTECTION	LS			(250)
SUBTOTAL				38,610
CONTINGENCY (5%)				1,930
TOTAL CONTRACT COST				40,540
SIOH (5.7%)				2,310
SUBTOTAL				42,850
DESIGN/BUILD - DESIGN COST				1,540
TOTAL REQUEST ROUNDED				44,390
TOTAL REQUEST				44,390
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,394)
<b>10. Description of Proposed Construction:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1195	8. Project Cost (\$000) 44,390	
<p>Primary Facilities: Construct two multi-story 100 room, Bachelor Enlisted Quarters (BEQ) with interior and exterior concrete masonry unit walls on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete foundation and floors, and standing seam metal roofs. Built-in equipment for each BEQ building includes: Americans with Disabilities Act compliant passenger/freight elevators; fire pumps with generator backup; spectrally selective window glazing; Energy Monitoring and Control System; and mass notification system. Information systems include telephone; and local area network. Electrical utilities include: electrical distribution and fire alarm system. Mechanical utilities include: water distribution; fire protection system; and heating ventilation and air conditioning.</p> <p>Supporting facilities: site lighting; paved parking and roadways; sidewalks; staging and drying area for field equipment; stormwater retention pond; clearing and grubbing; earthwork; landscaping; building and roadway signage; and roadway improvements. The project will provide Anti-Terrorism (AT) features and comply with AT regulations, physical security and progressive collapse mitigation. The project also includes Operation and Maintenance Support Information manuals, environmental mitigation and Low Impact Development.</p> <p>Sustainable design principles will be included in the design and construction of the project. The project will meet the Leadership in Energy and Environmental Design requirements for Silver Certification.</p> <p>Intended Grade Mix: 210 E1-E3, 95 E4-E5 Total: 305 Persons Maximum Utilization: 400 E1-E3</p>				
<b>11. Requirement:</b> <u>9,440 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Provide 400 man spaces of adequate billeting for the Wallace Creek area of Hadnot Point Area. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> This project helps support the additional billeting requirement for the additional 5,000+ enlisted Marines assigned to Camp Lejeune, as a result of the end strength increases.				
<b>CURRENT SITUATION:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1195	8. Project Cost (\$000) 44,390	
<p>Camp Lejeune currently has a man space deficiency in billeting enlisted personnel. Military units associated with Grow the Force began arriving in FY07.</p> <p>In addition to the man space deficiency stated above, some existing barracks require periodic renovations. In order to accomplish these renovations, personnel must vacate the BEQs for months at a time, thus producing additional overcrowded conditions. Assigning Marines of the same small unit into rooms in one location cannot be accomplished, resulting in dispersal among units. Therefore, cohesion below the battalion level cannot be achieved due to the large deficiency of billeting spaces that currently exists.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to grow over the next five years. Failure to provide these essential facilities and supporting infrastructure will result in a shortage of adequately billeted Marines. Existing BEQ facilities will continue to be heavily used with little or no down time for scheduled/cyclic maintenance.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				12/2008
(B) Date 35% Design or Parametric Cost Estimate complete				05/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				10%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$600
(B) All other design costs				\$300
(C) Total				\$900
(D) Contract				\$300
(E) In-house				\$600
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1195	8. Project Cost (\$000) 44,390	
other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	
Collateral Equipment (Various)		PMC	2011	1,373
NMCI Connections		O&MMC	2011	22
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: W. L. Brant		Phone No: (910) 451-1833		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1196	8. Project Cost (\$000) 44,390	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ - WALLACE CREEK (104,012 SF)	m2	9,663		29,950
BEQ 1 (50,806 SF)	m2	4,720	2,733.33	(12,900)
BEQ 2 (50,806 SF)	m2	4,720	2,733.33	(12,900)
RECREATION SHELTER (807 SF)	m2	75	569.02	(40)
PERSONAL EQUIPMENT CLEANING STATION (1,593 SF)	m2	148	1,189.54	(180)
ANTI-TERRORISM/FORCE PROTECTION	LS			(720)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,400)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(430)
BUILT-IN EQUIPMENT	LS			(790)
SPECIAL COSTS	LS			(410)
INFORMATION SYSTEMS	LS			(180)
SUPPORTING FACILITIES				8,660
SPECIAL FOUNDATION FEATURES	LS			(1,680)
ELECTRICAL UTILITIES	LS			(1,570)
MECHANICAL UTILITIES	LS			(2,040)
PAVING AND SITE IMPROVEMENTS	LS			(1,460)
SITE PREPARATIONS	LS			(1,460)
ENVIRONMENTAL MITIGATION	LS			(200)
ANTI-TERRORISM/FORCE PROTECTION	LS			(250)
SUBTOTAL				38,610
CONTINGENCY (5%)				1,930
TOTAL CONTRACT COST				40,540
SIOH (5.7%)				2,310
SUBTOTAL				42,850
DESIGN/BUILD - DESIGN COST				1,540
TOTAL REQUEST ROUNDED				44,390
TOTAL REQUEST				44,390
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,394)
<b>10. Description of Proposed Construction:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1196	8. Project Cost (\$000) 44,390	
<p>Primary facilities: Construct two multi-story 100 room Bachelor Enlisted Quarters (BEQ) with interior and exterior concrete masonry unit walls on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete foundation and floors, and standing seam metal roof. Built-in equipment for each BEQ building includes: Americans with Disabilities Act compliant passenger/freight elevator, fire pump with generator backup, spectrally selective window glazing, and Energy Monitoring and Control System (advanced utility metering for electric and domestic water). Electrical systems include: power, lighting, and fire alarm. Mechanical systems include: plumbing, fire protection, and heating, ventilation, and air conditioning. Information systems include telephone, data, local area network, voice and data communication, and mass notification.</p> <p>Supporting facilities: site lighting, paved parking and roadways, sidewalks, miscellaneous concrete pads, staging and drying area for field equipment, stormwater management system, clearing and grubbing, earthwork, access roads, lighted basketball and volleyball courts, picnic shelter and barbecue pit, landscaping, building and roadway signage, and roadway improvements.</p> <p>Site utility distribution systems include: electrical power, domestic water, fire protection water, sanitary sewer, stormwater management, steam, fire alarm, telephone communication, fiber optics, and cable television.</p> <p>This project will provide Anti-Terrorism (AT) features and comply with AT regulations, physical security and progressive collapse. Sustainable design principles will be included in the design and construction of the project. The project will meet the Leadership in Energy and Environmental Design requirements for Silver Certification. This project includes Operation and Maintenance Support Information manuals, Environmental Mitigation, and Low Impact Development.</p> <p>Intended Grade Mix: 210 E1-E3, 95 E4-E5 Total: 305 Persons Maximum Utilization: 400 E1-E3</p>				
<b>11. Requirement:</b> <u>9,440 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Provide 400 man spaces of adequate billeting for the Wallace Creek area of Camp Lejeune. <b>(Current Mission)</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1196	8. Project Cost (\$000) 44,390	
<b>REQUIREMENT:</b> This project helps supports the additional billeting requirement for the additional 5,000+ enlisted Marines assigned to Camp Lejeune, as a result of the end strength increases.				
<b>CURRENT SITUATION:</b> Camp Lejeune currently has a man space deficiency in billeting enlisted personnel. Military units associated with Grow the Force began arriving in FY07. Camp Lejeune's interim plan for these new units is to put three men to a room, without adherence to the Minimum Standards of Adequacy.  In addition to the man space deficiency stated above, some existing barracks require periodic renovations. In order to accomplish these renovations, personnel must vacate the BEQs for months at a time, thus producing additional overcrowded conditions. Assigning Marines of the same small unit into rooms in one location cannot be accomplished, resulting in dispersal among units. Therefore, cohesion below the battalion level cannot be achieved due to the large deficiency of billeting spaces that currently exists.				
<b>IMPACT IF NOT PROVIDED:</b> Failure to provide these essential facilities and supporting infrastructure will result in a shortage of adequately billeted Marines. Without adequate essential billeting space, Marines experience degradation of unit cohesion, ultimately compromising combat readiness. Quality of life for Marines will continue to decline. Existing BEQ facilities will continue to be heavily used with little or no down time for scheduled/cyclic maintenance.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				12/2008
(B) Date 35% Design or Parametric Cost Estimate complete				05/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				10%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$600
(B) All other design costs				\$300

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1196	8. Project Cost (\$000) 44,390	
(C) Total				\$900
(D) Contract				\$300
(E) In-house				\$600
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment (Various)		PMC	2011	1,373
NMCI Connections		O&MMC	2011	22
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: William L. Brant			Phone No: (910) 451-1833	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1197	8. Project Cost (\$000) 42,110	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ - WALLACE CREEK (104,012 SF)	m2	9,663		29,140
BEQ 1 (50,806 SF)	m2	4,720	2,733.33	(12,900)
BEQ 2 (50,806 SF)	m2	4,720	2,733.33	(12,900)
RECREATION SHELTER (807 SF)	m2	75	569.02	(40)
PERSONNEL EQUIPMENT CLEANING STATION (1,593 SF)	m2	148	1,189.54	(180)
ANTI-TERRORISM/FORCE PROTECTION	LS			(670)
LEED AND EPACT 2005 COMPLIANCE	LS			(770)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(400)
BUILT-IN EQUIPMENT	LS			(770)
SPECIAL COSTS	LS			(390)
INFORMATION SYSTEMS	LS			(120)
SUPPORTING FACILITIES				7,490
SPECIAL FOUNDATION FEATURES	LS			(1,640)
ELECTRICAL UTILITIES	LS			(1,070)
MECHANICAL UTILITIES	LS			(1,440)
PAVING AND SITE IMPROVEMENTS	LS			(1,890)
SITE PREPARATIONS	LS			(1,170)
ENVIRONMENTAL MITIGATION	LS			(170)
ANTI-TERRORISM/FORCE PROTECTION	LS			(110)
SUBTOTAL				36,630
CONTINGENCY (5%)				1,830
TOTAL CONTRACT COST				38,460
SIOH (5.7%)				2,190
SUBTOTAL				40,650
DESIGN/BUILD - DESIGN COST				1,470
TOTAL REQUEST ROUNDED				42,120
TOTAL REQUEST				42,110
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,272)
<b>10. Description of Proposed Construction:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1197	8. Project Cost (\$000) 42,110	
<p>Primary facilities: Construct two 100 room multi-story Bachelor Enlisted Quarters (BEQ) with interior and exterior concrete masonry unit walls on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete foundation and floors, and standing seam metal roofs. Built-in equipment for each BEQ building includes: American with Disabilities Act compliant passenger/freight elevator; fire pump with generator backup; spectrally selective window glazing; Energy Monitoring and Control System (advanced utility metering for electric and domestic water); and mass notification system. Information systems include telephone; and local area network (LAN). Electrical utilities include: electrical distribution and fire alarm system. Mechanical utilities include: water distribution; fire protection system; and heating ventilation and air conditioning.</p> <p>Supporting facilities include: site lighting; paved parking and roadways; electrical; LAN, cable television, sidewalks; miscellaneous concrete pads; staging and drying area for field equipment; stormwater retention pond; clearing and grubbing; earthwork; landscaping; and building and roadway signage. The project will provide Anti-Terrorism (AT) features and comply with AT regulations, physical security and progressive collapse mitigation. The project also includes Operation and Maintenance Support Information manuals, environmental mitigation and low impact development.</p> <p>Sustainable design principles will be included in the design and construction of the project. The project will meet the Leadership in Energy and Environmental Design qualification for Silver Certification.</p> <p>Intended Grade Mix: 210 E1-E3, 95 E4-E5. Total: 305 Persons. Maximum Utilization: 400 E1-E3.</p>				
<p><b>11. Requirement:</b>    <u>9,440 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b> Provide 400 man spaces of adequate billeting for the Hadnot Point Area. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> This project helps supports the additional billeting requirement for the additional 5,000+ enlisted Marines assigned to Camp Lejeune, as a result of the end strength increases.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1197	8. Project Cost (\$000) 42,110	
<p>Camp Lejeune currently has a man space deficiency. Military units associated with Grow the Force began arriving in FY07. Camp Lejeune's interim plan for these new units is to put three men to a room, without adherence to the Minimum Standards of Adequacy.</p> <p>In addition to the man space deficiency, some existing barracks require periodic renovations. In order to accomplish these renovations, personnel must vacate the BEQs for months at a time, thus producing additional overcrowded conditions. Assigning Marines of the same small unit into rooms in one location cannot be accomplished, resulting in dispersal among units. Therefore, cohesion below the battalion level cannot be achieved due to the large deficiency of billeting spaces that currently exists.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to grow over the next five years. Failure to provide these essential facilities and supporting infrastructure will result in a shortage of adequately billeted Marines. Without adequate essential billeting space, Marines experience degradation of unit cohesion, ultimately compromising combat readiness. Quality of life for Marines will continue to decline. Morale, retention, and "esprit de corps" will be greatly reduced. Existing BEQ facilities will continue to be heavily used with little or no down time for scheduled/cyclic maintenance.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$300
(B) All other design costs				\$150
(C) Total				\$450
(D) Contract				\$400
(E) In-house				\$50

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009																				
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek																					
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1197	8. Project Cost (\$000) 42,110																					
4. Contract award: 01/2010																								
5. Construction start: 03/2010																								
6. Construction complete: 03/2012																								
B. Equipment associated with this project which will be provided from other appropriations:																								
<table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th colspan="2"></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment (Various)</td> <td>O&amp;MMC</td> <td>2011</td> <td>1,250</td> <td></td> </tr> <tr> <td>NMCI Connections</td> <td>PMC</td> <td>2011</td> <td>22</td> <td></td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>			<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>		Collateral Equipment (Various)	O&MMC	2011	1,250		NMCI Connections	PMC	2011	22	
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																						
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																					
Collateral Equipment (Various)	O&MMC	2011	1,250																					
NMCI Connections	PMC	2011	22																					
C. FY 2008 R&M Conducted (\$000):																								
D. FY 2009 R&M Conducted (\$000):																								
E. Future R&M Requirements (\$000):																								
JOINT USE CERTIFICATION:																								
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.																								
Activity POC: William Brant			Phone No: (910) 451-7581																					

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Maintenance/Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1233	8. Project Cost (\$000) 52,390	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MAINTENANCE/OPS COMPLEX (89,276 SF)	m2	8,294		25,980
BATTALION HQ BLDG (27,082 SF)	m2	2,516	3,200.04	(8,050)
GENERAL SUPPLY WHSE (15,984 SF)	m2	1,485	1,680.44	(2,500)
ELEC COMM MAINT SHOP (6,523 SF)	m2	606	2,078.83	(1,260)
MOTOR TRANS SHOP (5,899 SF)	m2	548	2,393.82	(1,310)
FLT MARINE FORCES ARMORY (8,482 SF)	m2	788	1,636.91	(1,290)
INDOOR MARKSMANSHIP TRAINER (9,020 SF)	m2	838	2,949.65	(2,470)
HAZMAT STOR SHELTER (506 SF)	m2	47	1,283.71	(60)
COMPANY HQ BLDG (15,780 SF)	m2	1,466	3,412.64	(5,000)
ANTI-TERRORISM/FORCE PROTECTION	LS			(250)
LEED AND EPACT 2005 COMPLIANCE	LS			(750)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(370)
BUILT-IN EQUIPMENT	LS			(1,870)
SPECIAL COSTS	LS			(470)
INFORMATION SYSTEMS	LS			(330)
SUPPORTING FACILITIES				19,580
SPECIAL FOUNDATION FEATURES	LS			(1,330)
ELECTRICAL UTILITIES	LS			(4,350)
MECHANICAL UTILITIES	LS			(2,750)
PAVING AND SITE IMPROVEMENTS	LS			(7,920)
SITE PREPARATIONS	LS			(2,380)
ENVIRONMENTAL MITIGATION	LS			(600)
ANTI-TERRORISM/FORCE PROTECTION	LS			(250)
SUBTOTAL				45,560
CONTINGENCY (5%)				2,280
TOTAL CONTRACT COST				47,840
SIOH (5.7%)				2,730

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Maintenance/Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1233	8. Project Cost (\$000) 52,390	
SUBTOTAL				50,570
DESIGN/BUILD - DESIGN COST				1,820
TOTAL REQUEST ROUNDED				52,390
TOTAL REQUEST				52,390
EQUIPMENT FROM OTHER				(2,340)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct concrete masonry unit buildings on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete floors, and standing seam metal roofs. Built-in equipment includes vehicle exhaust systems, hydraulic lifts, crane infrastructure, waste oil tanks and a compressed air system. Electrical systems include electrical distribution, fire protection, telephone, energy monitoring and control system and mass notification. Mechanical systems include plumbing, fire protection systems, fire pump and heating, ventilation and air conditioning. Information systems will include telephone, local are network (LAN), voice and data communication systems, and secure information systems. Fifty NMCI seats are required for this project. The project will provide anti-terrorism force protection features, physical security and progressive collapse mitigation. The project also includes operation and maintenance support information and environmental mitigation.</p> <p>Supporting Facilities: Work includes site and building utility connections for water, natural gas, sanitary and storm sewers, electrical, telephone, LAN and cable television. Paving and site improvements include exterior site and building lighting, paved parking and roadways (including a bridge), sidewalks, storm water management, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping, and building and roadway signage.</p> <p>Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act 2005.</p>				
<b>11. Requirement:</b> <u>8,294 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
Provide facility support and infrastructure to the recently established 1st Battalion, 9th Marines (1/9). Provide an Operations Complex to include Battalion and Company Headquarters Facilities, an Armory Facility, a Motor Transport Maintenance Facility, a Communications/Electric Maintenance				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Maintenance/Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1233	8. Project Cost (\$000) 52,390	
<p>Facility, a Supply Facility, an indoor simulated marksmanship trainer, and a hazardous material storage shelter. This operations complex will be collocated with the newly established 2nd (2/9), 3rd (3/9), and 4th (4/9) Battalions, 9th Marines.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide efficiently configured headquarters buildings, motor transport maintenance, comm/elec maintenance, armory, and storage facilities to support the collocation of the 1st Battalion, 9th Marines Regiment with additional 9th Marine Regiment infantry battalions aboard MCB Camp Lejeune.</p> <p><b>CURRENT SITUATION:</b></p> <p>Military units associated with Grow the Force began arriving in FY07 and occupy/utilize interim facilities that consist mostly of trailers, pre-engineered buildings, and portable armories. Due to the quick turnaround time required to site and execute construction of the interim facilities, the majority of the structures were collocated with existing permanent facilities in an effort to have minimal impact on the environment. That strategy, along with ATFP requirements, resulted in facilities that were often undersized and laid out in a way that compromised unit cohesion. The interim facilities were never intended to last more than 5 years.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to grow over the next five years. Failure to provide these essential facilities and supporting infrastructure will result in a shortage of adequately trained Marines and impose an adverse impact on a new unit's ability to reach full operational capability.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				11/2008
(C) Date design completed				03/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				40%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$500

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Maintenance/Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1233	8. Project Cost (\$000) 52,390	
(B) All other design costs				\$150
(C) Total				\$650
(D) Contract				\$550
(E) In-house				\$100
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				07/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Audio-visual/VTC Equipment		PMC	2011	250
Furniture/workstations		O&MMC	2011	875
Intrusion Detection System (Armory)		O&MMC	2011	100
NMCI seats		O&MMC	2011	865
Telecom/printers/fax/copier		O&MMC	2011	250
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: William Brant			Phone No: 910-451-7581	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1247	8. Project Cost (\$000) 34,160	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ - WALLACE CREEK (131,879 SF)	m2	12,252		21,470
BEQ (67,791 SF)	m2	6,298	2,652.49	(16,710)
ARCHERY RANGE (10,000 SF)	m2	929	250	(230)
ARCHERY SHELTER (1,001 SF)	m2	93	900	(80)
SKEET/TRAP RANGE (47,996 SF)	m2	4,459	250	(1,110)
SKEET/TRAP RANGE FACILITY (3,595 SF)	m2	334	2,045	(680)
SKEET/TRAP RANGE STRUCTURES (1,496 SF)	m2	139	1,019	(140)
ANTI-TERRORISM/FORCE PROTECTION	LS			(470)
LEED AND EPACT 2005 COMPLIANCE	LS			(810)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(280)
BUILT-IN EQUIPMENT	LS			(530)
SPECIAL COSTS	LS			(340)
INFORMATION SYSTEMS	LS			(90)
SUPPORTING FACILITIES				8,230
SPECIAL CONSTRUCTION FEATURES	LS			(40)
SPECIAL FOUNDATION FEATURES	LS			(880)
ELECTRICAL UTILITIES	LS			(1,280)
MECHANICAL UTILITIES	LS			(1,120)
PAVING AND SITE IMPROVEMENTS	LS			(1,700)
SITE PREPARATIONS	LS			(2,820)
ENVIRONMENTAL MITIGATION	LS			(180)
ANTI-TERRORISM/FORCE PROTECTION	LS			(210)
SUBTOTAL				29,700
CONTINGENCY (5%)				1,490
TOTAL CONTRACT COST				31,190
SIOH (5.7%)				1,780
SUBTOTAL				32,970
DESIGN/BUILD - DESIGN COST				1,190
TOTAL REQUEST ROUNDED				34,160

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1247	8. Project Cost (\$000) 34,160	
TOTAL REQUEST				34,160
EQUIPMENT FROM OTHER				(1,272)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a 134 room multi-story BEQ with interior and exterior concrete masonry walls on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete foundation and floors, and standing seam metal roofs. Construct 3,600 SF single-story, CMU Skeet/trap range facility on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete floors, and standing seam metal roof. Construct a skeet/trap range with five skeet buildings, three trap buildings, and five canopy shelters. Construct an archery range with a shooting shelter. The range facility will also provide paintball storage and operations space. Built-in equipment includes Americans with Disabilities Act compliant passenger/freight elevator, fire pump with generator backup, spectrally selective window glazing, energy management and control systems (advanced utility metering for electric and domestic water), ammunition locker, skeet/trap launchers and mass notification system. Information systems include telephone, local area network and five NMCI seats. Electrical utilities include electrical distribution and fire alarm system. Mechanical utilities include water distribution, fire protection system and heating, ventilation and air conditioning. The project will provide Anti-Terrorism (AT) features, physical security and progressive collapse mitigation. The project also includes operation and maintenance support information and environmental mitigation.</p> <p>Supporting Facilities: Include site lighting, paved parking and roadways, sidewalks, miscellaneous concrete pads, staging and drying area for field equipment, stormwater retention pond, clearing and grubbing, earthwork, landscaping and building and roadway signage.</p> <p>Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005.</p> <p>Intended Grade Mix: 140 E1-E3, 64 E4-E5. Total: 204 Persons. Maximum Utilization: 268 E1-E3.</p>				
<b>11. Requirement:</b> <u>12,252 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009																				
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek																					
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1247	8. Project Cost (\$000) 34,160																					
<p><b>PROJECT:</b> Provides 268 manspaces of adequate billeting for the Hadnot Point Area and constructs a new skeet/trap range facility, skeet/trap range, an archery shelter, and an archery range. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> This project helps support the additional billeting requirement for the additional 5,000+ enlisted Marines assigned to Camp Lejeune, as a result of the end strength increases. The existing Skeet Range must be relocated to allow space for the Wallace Creek buildup due to the Grow the Force initiative.</p> <p><b>CURRENT SITUATION:</b> Camp Lejeune currently has a total manspace deficiency of 4,883 manspaces. Military units associated with Grow the Force began arriving in FY 2007, increasing this deficiency.  In addition to the manspace deficiency, some existing barracks require periodic renovations. In order to accomplish these renovations, personnel must vacate the BEQs for months at a time, thus increasing the deficiency. Assigning Marines of the same small unit into rooms in one location cannot be accomplished, resulting in dispersal among units. Therefore, cohesion below the battalion level cannot be achieved due to the large deficiency of billeting spaces that currently exists.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The Marine Corps will continue to grow over the next five years. Failure to provide these essential facilities and supporting infrastructure will result in a shortage of adequately billeting space and MCCS functions.</p>																								
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>12/2008</td> </tr> <tr> <td>(C) Date design completed</td> <td>04/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>5%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>40%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p>					(A) Date design or Parametric Cost Estimate started	08/2008	(B) Date 35% Design or Parametric Cost Estimate complete	12/2008	(C) Date design completed	04/2009	(D) Percent completed as of September 2008	5%	(E) Percent completed as of January 2009	40%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used	
(A) Date design or Parametric Cost Estimate started	08/2008																							
(B) Date 35% Design or Parametric Cost Estimate complete	12/2008																							
(C) Date design completed	04/2009																							
(D) Percent completed as of September 2008	5%																							
(E) Percent completed as of January 2009	40%																							
(F) Type of design contract	Design Build																							
(G) Parametric Estimate used to develop cost	Yes																							
(H) Energy Study/Life Cycle Analysis performed	Yes																							
(A) Standard or Definitive Design	No																							
(B) Where design was previously used																								

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title BEQ - Wallace Creek	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1247	8. Project Cost (\$000) 34,160	
(A) Production of plans and specifications			\$300	
(B) All other design costs			\$150	
(C) Total			\$450	
(D) Contract			\$400	
(E) In-house			\$50	
4. Contract award:			01/2010	
5. Construction start:			03/2010	
6. Construction complete:			03/2012	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment (Various)		PMC	2011	1,250
NMCI Connections		O&MMC	2011	22
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: William Brant			Phone No: (910) 451-7581	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(IA) MARINE CORPS BASE CAMP LEJEUNE (COURTHOUSE BAY) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Utility Expansion - Courthouse Bay	
5. Program Element 0216496M	6. Category Code 83230	7. Project Number P1266	8. Project Cost (\$000) 56,280	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
UTILITY EXPANSION - COURTHOUSE BAY	LS			15,010
WASTE WATER PUMPING STATIONS	EA	2	2,076,729.46	(4,150)
TELEPHONE EXCHANGE BUILDING (4,004 SF)	m2	372	4,055.26	(1,510)
WASTE WATER PUMPING STATIONS, UPGRADE/REPLACE	EA	2	2,408,756.96	(4,820)
WATER TREATMENT PLANT, UPGRADE	KG	250	4,385.02	(1,100)
ANTI-TERRORISM/FORCE PROTECTION	LS			(150)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(280)
BUILT-IN EQUIPMENT	LS			(2,480)
SPECIAL COSTS	LS			(520)
SUPPORTING FACILITIES				33,930
SPECIAL FOUNDATION FEATURES	LS			(80)
ELECTRICAL UTILITIES	LS			(11,190)
MECHANICAL UTILITIES	LS			(18,270)
PAVING AND SITE IMPROVEMENTS	LS			(900)
DEMOLITION	LS			(140)
ENVIRONMENTAL MITIGATION	LS			(3,210)
ANTI-TERRORISM/FORCE PROTECTION	LS			(140)
SUBTOTAL				48,940
CONTINGENCY (5%)				2,450
TOTAL CONTRACT COST				51,390
SIOH (5.7%)				2,930
SUBTOTAL				54,320
DESIGN/BUILD - DESIGN COST				1,960
TOTAL REQUEST ROUNDED				56,280
TOTAL REQUEST				56,280
<b>10. Description of Proposed Construction:</b>				
Expand and upgrade the water, sanitary sewer, steam, electrical, and telephone and communication systems where future growth in support of the 202K initiative will impact the existing utility systems serving the Courthouse House Bay area. Expansion of the water system includes the				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(IA) MARINE CORPS BASE CAMP LEJEUNE (COURTHOUSE BAY) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Utility Expansion - Courthouse Bay	
5. Program Element 0216496M	6. Category Code 83230	7. Project Number P1266	8. Project Cost (\$000) 56,280	
<p>construction of a new water well near Marine's Road, new chlorine booster pump stations, new water transmission main from Courthouse Bay to the main side system, and appurtenances &amp; new distribution water mains. Upgrades to the sanitary sewer system includes construction of a new force main from Courthouse Bay to the central wastewater treatment facility, upgrade of gravity sewer and force mains in Courthouse Bay and construction of new and upgrade of existing pump stations serving the area. Upgrades to the steam system include installing new steam boilers at the Courthouse Bay steam plant, and construction of overhead steam lines. Expansion of the electrical system include installation of overhead primary service from Courthouse Bay to the main side system, upgrade and installation of new overhead and underground primary lines and installation of new high-voltage regulator serving Courthouse Bay. Expansion of the telephone and communication systems include a new telephone exchange and switch and new telephone and communication lines to 202K initiative project sites. The work will include clearing, grubbing, earthwork, fill and grading. Mitigation of wetlands and remediation of Unexploded Ordnance at impacted closed ranges will be required.</p> <p>Sustainable design principles will be included in the design and construction of the project.</p> <p>Low Impact Development will be included in the design and construction of this project.</p> <p>This project will include the demolition of the existing Courthouse Bay elevated water storage tank SBB242 (250,000 gallons / 946,353 liters) and Telephone Exchange Building BB69 (1024 square feet / 95 square meters).</p>				
<b>11. Requirement:</b> <u>4,766 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Expansion of water, sewer, electric, gas, steam, and communication systems in support of 202K Grow the Force. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> The Camp Lejeune Complex currently has limited available large development parcels due to training range fans, wetlands, environmental contamination, and endangered species. This project will provide accessible utilities to the vacant parcels in and around the Courthouse Bay area in support of the Grow the Force initiative.				
<b>CURRENT SITUATION:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(IA) MARINE CORPS BASE CAMP LEJEUNE (COURTHOUSE BAY) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Utility Expansion - Courthouse Bay	
5. Program Element 0216496M	6. Category Code 83230	7. Project Number P1266	8. Project Cost (\$000) 56,280	
<p>Currently, the proper ammount of utilites is not available in the Courthouse Bay area. Future projects planned for this area will be not serviced by the necessary utilities, making them complete and usable.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Without adequate utilities to development areas, permanent facilities cannot be built. As a result, Marines will experience degradation of unit cohesion and retention, along with the inability to maintain equipment, perform operations, and train personnel. Failure to provide these facilities will compromise combat readiness.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				25%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$200
(B) All other design costs				\$100
(C) Total				\$300
(D) Contract				\$225
(E) In-house				\$75
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				04/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(GA) MARINE CORPS BASE CAMP LEJEUNE (CAMP GEIGER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title SOI-EAST Facilities - Camp Geiger	
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1268	8. Project Cost (\$000) 56,940	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SOI-EAST FACILITIES - CAMP GEIGER (137,853 SF)	m2	12,807		37,190
APPLIED INSTRUCTION FACILITY (111,148 SF)	m2	10,326	2,404.89	(24,830)
EMERGENCY WEATHER SHELTER (7,513 SF)	m2	698	865.54	(600)
INSTRUCTION FAC ADDITION TO BLDG G615 (12,217 SF)	m2	1,135	2,840.91	(3,220)
SECURE STORAGE FACILITY (4,155 SF)	m2	386	1,146.88	(440)
GATE/SENTRY HOUSE (344 SF)	m2	32	2,732.6	(90)
CANOPY SENTRY HOUSE (2,476 SF)	m2	230	2,799.91	(640)
ANTI-TERRORISM/FORCE PROTECTION	LS			(330)
LEED AND EPACT 2005 COMPLIANCE	LS			(3,090)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(490)
BUILT-IN EQUIPMENT	LS			(2,070)
SPECIAL COSTS	LS			(510)
INFORMATION SYSTEMS	LS			(880)
SUPPORTING FACILITIES				12,330
SPECIAL CONSTRUCTION FEATURES	LS			(150)
SPECIAL FOUNDATION FEATURES	LS			(2,600)
ELECTRICAL UTILITIES	LS			(1,870)
MECHANICAL UTILITIES	LS			(1,670)
PAVING AND SITE IMPROVEMENTS	LS			(2,110)
SITE PREPARATIONS	LS			(1,840)
DEMOLITION	LS			(700)
ENVIRONMENTAL MITIGATION	LS			(410)
ANTI-TERRORISM/FORCE PROTECTION	LS			(980)
SUBTOTAL				49,520
CONTINGENCY (5%)				2,480
TOTAL CONTRACT COST				52,000
SIOH (5.7%)				2,960

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(GA) MARINE CORPS BASE CAMP LEJEUNE (CAMP GEIGER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title SOI-EAST Facilities - Camp Geiger	
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1268	8. Project Cost (\$000) 56,940	
SUBTOTAL				54,960
DESIGN/BUILD - DESIGN COST				1,980
TOTAL REQUEST ROUNDED				56,940
TOTAL REQUEST				56,940
EQUIPMENT FROM OTHER				(5,000)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a single story building for applied instruction, a secure storage facility, a gate sentry house, a canopy sentry house and a multi-story addition to Bldg G615 for applied instruction. Construction should include concrete pile-supported concrete foundations, reinforced concrete floor slabs, exterior walls constructed of split-face concrete masonry unit and brick veneer and metal standing seam roofs, where applicable. Project also provides a pre-engineered structure for an emergency weather shelter. Electrical systems include electrical distribution, fire protection, telephone and energy monitoring and control system and mass notification. Mechanical systems include plumbing, fire protection systems, fire pumps and heating ventilation and air conditioning. Information systems include telephone, Local Area Network (LAN), voice and data communication systems and secure information systems. Four hundred (400) Navy Marine Corps Intranet (NMCI) seats are required for this project. The project will provide Anti-Terrorism (AT) features, physical security and progressive collapse mitigation. The project also includes operation and maintenance support information and environmental mitigation.</p> <p>Supporting Facilities: Work includes site and building utility connections for water, natural gas, sanitary and storm sewers, electrical, telephone, LAN and cable television. Paving and site improvements include exterior site and building lighting, paved parking and roadways, sidewalks, storm water management pond, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping, building and an access road with intersection improvements and signage.</p> <p>Sustainable design principles will be included in the design and construction of the project in accordance the Energy Policy Act of 2005.</p> <p>This project will include the demolition of five buildings for a total footprint reduction of 27,154 square feet (2,523 square meters).</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009										
3. Installation(SA)& Location/UIC: M67001(GA) MARINE CORPS BASE CAMP LEJEUNE (CAMP GEIGER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title SOI-EAST Facilities - Camp Geiger											
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1268	8. Project Cost (\$000) 56,940											
<p><b>PROJECT REQUIREMENT:</b> <u>12,807 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>  Construct a single story building for applied instruction, a secure storage facility, a gate sentry house, a canopy sentry house and a multi-story addition to Bldg G615 for applied instruction for Marine Corps School of Infantry (SOI) at Camp Geiger. SOI trains approximately 22,000 students per year.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b>  To provide a permanent applied instruction facility to efficiently support the SOI's mission to conduct formal infantry training for Marine Corps personnel. This facility, when completed, will have an annual throughput of approximately 22,000 students. The training schedule for SOI is predicated upon the Marine Corps Training Input Plan which is tied to manpower requirements. Sentry stations, weather shelters and road access are also required.</p> <p><b>CURRENT SITUATION:</b>  Currently, the Infantry Training Battalion and Advanced Infantry Training Battalion at School of Infantry (SOI), Camp Geiger, is operating out of a mix of 1940's era one-story structures and 1980's era multi-story buildings. The facilities are antiquated, crowded, older structures that do not support contemporary training technology. The buildings are also deteriorated and cannot be wired with state-of-the-art training technology due to structural limitations. The buildings have not been extensively renovated over the years, have surpassed their functional life and can no longer be economically maintained.</p> <p><b>IMPACT IF NOT PROVIDED:</b>  Without an applied instruction facility, the SOI will continue to train Marines inefficiently. Formal schools will be conducted in dispersed, inadequate and functionally obsolete facilities. Maintenance intensive buildings will continue to sap already limited financial resources. Student's learning capability will be impaired and the morale of Marine instructors and students will be negatively affected.</p>														
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>06/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>5%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>35%</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	08/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	06/2009	(D) Percent completed as of September 2008	5%	(E) Percent completed as of January 2009	35%
(A) Date design or Parametric Cost Estimate started	08/2008													
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009													
(C) Date design completed	06/2009													
(D) Percent completed as of September 2008	5%													
(E) Percent completed as of January 2009	35%													

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(GA) MARINE CORPS BASE CAMP LEJEUNE (CAMP GEIGER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title SOI-EAST Facilities - Camp Geiger	
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1268	8. Project Cost (\$000) 56,940	
(F) Type of design contract		Design Build		
(G) Parametric Estimate used to develop cost		Yes		
(H) Energy Study/Life Cycle Analysis performed		Yes		
2. Basis:				
(A) Standard or Definitive Design		No		
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications		\$300		
(B) All other design costs		\$150		
(C) Total		\$450		
(D) Contract		\$400		
(E) In-house		\$50		
4. Contract award:		01/2010		
5. Construction start:		03/2010		
6. Construction complete:		03/2012		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment (Various)	PMC	2011	5,000	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: William Brant		Phone No: 910-451-7581		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Field Training Fac. - Devil Dog - SOI	
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1269	8. Project Cost (\$000) 37,170	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
FIELD TRAINING FAC. - DEVIL DOG - SOI (38,546 SF)	m2	3,581		10,790
LAUNDRY FACILITY (4,639 SF)	m2	431	1,618.43	(700)
RANGE TOILET FACILITY (5,317 SF)	m2	494	1,589.41	(790)
BATTALION AID STATION (3,617 SF)	m2	336	3,957.05	(1,330)
WATER DISTRIBUTION BUILDING (215 SF)	m2	20	1,151.75	(20)
APPLIED INSTRUCTION FACILITY (24,757 SF)	m2	2,300	2,614.01	(6,010)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
LEED AND EPACT 2005 COMPLIANCE	LS			(560)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(140)
BUILT-IN EQUIPMENT	LS			(690)
SPECIAL COSTS	LS			(340)
INFORMATION SYSTEMS	LS			(110)
SUPPORTING FACILITIES				21,540
SPECIAL FOUNDATION FEATURES	LS			(1,620)
ELECTRICAL UTILITIES	LS			(2,660)
MECHANICAL UTILITIES	LS			(7,660)
PAVING AND SITE IMPROVEMENTS	LS			(1,850)
SITE PREPARATIONS	LS			(530)
DEMOLITION	LS			(450)
ENVIRONMENTAL MITIGATION	LS			(6,210)
ANTI-TERRORISM/FORCE PROTECTION	LS			(560)
SUBTOTAL				32,330
CONTINGENCY (5%)				1,620
TOTAL CONTRACT COST				33,950
SIOH (5.7%)				1,940
SUBTOTAL				35,890
DESIGN/BUILD - DESIGN COST				1,290

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Field Training Fac. - Devil Dog - SOI	
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1269	8. Project Cost (\$000) 37,170	
TOTAL REQUEST ROUNDED				37,180
TOTAL REQUEST				37,170
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,500)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a one-story pre-engineered academic instruction facility, a one-story battalion aid station, range toilet facilities, water distribution building and a laundry facility. Construction materials to include Concrete Masonry Unit (CMU) exterior walls, concrete, pile-supported foundations, reinforced concrete floor slabs on fill, split-face CMU interior walls and metal standing seam roofs. Electrical systems include electrical distribution, fire protection, telephone, energy saving energy monitoring and control system and mass notification. Mechanical systems include plumbing, fire protection systems, fire pumps and heating ventilation and air conditioning. Information systems will include telephone, Local Area Network (LAN), voice and data communication systems and secure information systems. Four hundred (400) NMCI seats are required for this project. The project will provide Anti-Terrorism (AT) features and comply with AT regulations, physical security and progressive collapse mitigation. The project also includes operation and maintenance support information and environmental mitigation.</p> <p>Supporting Facilities: Work includes new water wells, utility connections for water, a raw 16" water line (Verona loop), natural gas, sanitary and storm sewers, electrical, telephone, LAN and cable television. Paving and site improvements include exterior site and building lighting, paved parking and roadways, sidewalks, storm water management pond, environmental protection measures, UX range and Installation Restoration site mitigation (grenade range clean up), clearing and grubbing, earthwork, fill, grading, landscaping, building and roadway access road and intersection improvements and signage.</p> <p>Sustainable design principles will be included in the design and construction of the project in accordance the Energy Policy Act of 2005.</p> <p>This project will include the demolition of 32 buildings with a total footprint reduction of 19,241 square feet (1,789 square meters).</p>				
<b>11. Requirement:</b> <u>3,581 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Field Training Fac. - Devil Dog - SOI	
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1269	8. Project Cost (\$000) 37,170	
<p>Construct an academic instruction/operations facility for Marine Corps School of Infantry (SOI) at Camp Devil Dog to train approximately 20,000 students per year. Provide a battalion aid station, range toilet facilities, water distribution building and a laundry facility.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>To provide a permanent academic facility to efficiently support the SOI's mission to conduct formal infantry training for Marine Corps personnel. This facility, when completed, will have an annual throughput of approximately 20,000 students. The training schedule for SOI is predicated upon the Marine Corps Training Input Plan.</p> <p><b>CURRENT SITUATION:</b></p> <p>Military units associated with Grow the Force began arriving in FY07, and occupy/utilize interim facilities that consist mostly of wood buildings and pre-engineered buildings. Due to the quick turnaround time required to site and execute construction of the interim facilities, the majority of the structures were co-located with existing permanent facilities in an effort to have minimal impact on the environment. That strategy, along with ATFP requirements and funding availability, resulted in facilities that were often undersized and laid out in a way that compromised unit cohesion. The interim facilities were never intended to last more than 5 years.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Without an academic/operations facility, the SOI at Camp Devil Dog will experience degradation of unit cohesion, along with the inability to maintain equipment, perform operations, and train personnel, ultimately compromising combat readiness. Maintenance intensive buildings will continue to sap already limited financial resources. Student's learning will be impaired and the morale of Marine instructors and students will be negatively affected.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Field Training Fac. - Devil Dog - SOI	
5. Program Element 0206496M	6. Category Code 17120	7. Project Number P1269	8. Project Cost (\$000) 37,170	
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$300
(B) All other design costs				\$150
(C) Total				\$450
(D) Contract				\$400
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment (Various)		PMC	2011	2,500
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: William Brant		Phone No: 910-451-7581		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title 4th Infantry Bn Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1297	8. Project Cost (\$000) 55,150	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
4TH INFANTRY BN OPS COMPLEX (89,061 SF)	m2	8,274		24,750
BATTALION HQ BLDG (27,082 SF)	m2	2,516	3,200.04	(8,050)
GENERAL SUPPLY WHSE (15,984 SF)	m2	1,485	1,680.44	(2,500)
ELEC COMM MAINT SHOP (6,523 SF)	m2	606	2,078.83	(1,260)
MOTOR TRANS SHOP (5,899 SF)	m2	548	2,893.82	(1,590)
FLT MARINE FORCES ARMORY (8,482 SF)	m2	788	1,261.05	(990)
INDOOR MARKSMANSHIP TRAINER (9,020 SF)	m2	838	2,949.65	(2,470)
COMPANY HQ BLDG (15,565 SF)	m2	1,446	2,706.35	(3,910)
HAZMAT STOR SHELTER (506 SF)	m2	47	1,283.71	(60)
ANTI-TERRORISM/FORCE PROTECTION	LS			(240)
LEED AND EPACT 2005 COMPLIANCE	LS			(990)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(350)
BUILT-IN EQUIPMENT	LS			(1,610)
SPECIAL COSTS	LS			(500)
INFORMATION SYSTEMS	LS			(230)
SUPPORTING FACILITIES				23,210
SPECIAL FOUNDATION FEATURES	LS			(1,390)
ELECTRICAL UTILITIES	LS			(5,770)
MECHANICAL UTILITIES	LS			(4,980)
PAVING AND SITE IMPROVEMENTS	LS			(7,100)
SITE PREPARATIONS	LS			(2,380)
DEMOLITION	LS			(1,070)
ENVIRONMENTAL MITIGATION	LS			(300)
ANTI-TERRORISM/FORCE PROTECTION	LS			(220)
SUBTOTAL				47,960
CONTINGENCY (5%)				2,400
TOTAL CONTRACT COST				50,360

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title 4th Infantry Bn Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1297	8. Project Cost (\$000) 55,150	
SIOH (5.7%)				2,870
SUBTOTAL				53,230
DESIGN/BUILD - DESIGN COST				1,920
TOTAL REQUEST ROUNDED				55,150
TOTAL REQUEST				55,150
EQUIPMENT FROM OTHER				(2,340)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary facilities: Construct several concrete masonry unit buildings on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete floors, and standing seam metal roof. Built-in equipment includes miscellaneous equipment. Electrical systems include electrical distribution, fire protection, telephone, and energy saving Energy Monitoring and Control System and mass notification. Mechanical systems include plumbing, fire protection systems, fire pump, vehicle exhaust systems, and heating, ventilation and air conditioning. Information systems will include telephone, local area network (LAN), voice and data communication systems, and secure information systems.</p> <p>Supporting facilities: necessary site and building utility connections for water, natural gas, sanitary and storm sewers, electrical, telephone, LAN, and cable television. Paving and site improvements include exterior site and building lighting, paved parking and roadways, sidewalks, storm water management, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping, and building and roadway signage. The project will provide Anti-Terrorism (AT) features and comply with AT regulations, physical security and progressive collapse mitigation. The project also includes Operation and Maintenance Support Information manuals, Low Impact Development and environmental mitigation.</p> <p>Sustainable design principles will be included in the design and construction of the project. Facilities to meet Leadership in Energy and Environmental Design Silver rating and comply with Energy Policy Act 2005.</p> <p>This project includes the demolition 17 facilities for a footprint reduction of 36,603sf/3,400m<sup>2</sup>.</p>				
<b>11. Requirement:</b> <u>8,254 m<sup>2</sup></u> <b>Adequate:</b> <u>0 m<sup>2</sup></u> <b>Substandard:</b> <u>0 m<sup>2</sup></u> <b>PROJECT:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title 4th Infantry Bn Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1297	8. Project Cost (\$000) 55,150	
<p>The project will provide facility support and infrastructure to the newly established 4th Infantry Battalion. The project provides an Operations Complex to include Battalion and Company Headquarters Facilities, an Armory Facility, a Motor Transport Maintenance Facility, a Communications and Electronic Systems Maintenance Facility, a Supply Facility, an Indoor Simulated Marksmanship Trainer (ISMT), and a hazardous material storage shelter. This operations complex will be collocated with the newly established 1st (1/9), 2d (2/9), and 3rd (3/9) Infantry Battalions of 9th Marines.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This project provides efficiently configured motor transport maintenance, communications and electronic systems maintenance, armory, and storage facilities to support the collocation of the 1st Battalion, 9th Marines Regiment with additional 9th Marine Regiment infantry battalions aboard MCB Camp Lejeune.</p> <p><b>CURRENT SITUATION:</b></p> <p>Military units associated with Grow the Force began arriving in FY07 and occupy/utilize interim facilities that consist mostly of trailers, pre-engineered buildings, and portable armories. Due to the quick turnaround time required to site and execute construction of the interim facilities, the majority of the structures were collocated with existing permanent facilities in an effort to have minimal impact on the environment. That strategy, along with Anti-Terrorism and Force Protection requirements and funding availability, resulted in facilities that were often undersized and laid out in a way that compromised unit cohesion.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to grow over the next five years. Failure to provide these essential facilities and supporting infrastructure will result in a shortage of adequately trained Marines and impose an adverse impact on a new unit's ability to reach full operational capability. Without adequate essential motor transport maintenance, communications and electronic systems maintenance, armory, and storage facilities, Marines experience degradation of unit cohesion and retention, along with the inability to maintain equipment, perform operations, and train personnel--ultimately compromising combat readiness.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				12/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title 4th Infantry Bn Ops Complex	
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1297	8. Project Cost (\$000) 55,150	
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract			Design Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$500
(B) All other design costs				\$150
(C) Total				\$650
(D) Contract				\$600
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Audio-visual/VTC Equipment	PMC	2012	250	
Furniture/workstations	O&MMC	2012	875	
Intrusion Detection System (Armory)	PMC	2012	100	
NMCI seats	O&MMC	2012	865	
Telecom/printers/fax/copier	O&MMC	2012	250	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: William Brant			Phone No: 910-451-7581	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Road Network - Wallace Creek	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1298	8. Project Cost (\$000) 15,130	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ROAD NETWORK - WALLACE CREEK (157,480 SF)	m2	14,630.4		1,360
ROAD IMPROVEMENTS (30' WIDE SECTION) (157,480 SF)	m2	14,630.4	61.46	(900)
LEED AND EPACT 2005 COMPLIANCE	LS			(320)
SPECIAL COSTS	LS			(140)
SUPPORTING FACILITIES				11,790
ELECTRICAL UTILITIES	LS			(1,040)
MECHANICAL UTILITIES	LS			(270)
PAVING AND SITE IMPROVEMENTS	LS			(7,250)
SITE PREPARATIONS	LS			(1,930)
ENVIRONMENTAL MITIGATION	LS			(1,300)
SUBTOTAL				13,150
CONTINGENCY (5%)				660
TOTAL CONTRACT COST				13,810
SIOH (5.7%)				790
SUBTOTAL				14,600
DESIGN/BUILD - DESIGN COST				530
TOTAL REQUEST ROUNDED				15,130
TOTAL REQUEST				15,130
<b>10. Description of Proposed Construction:</b>				
<p>Construct roads and bridging to access the existing undeveloped Wallace Creek Battalion Build-Up Area in support of the 202K initiative. Construction will include 1) relocation of telecom, water, sewer, electric and natural gas utility lines at tie-ins to developed areas; 2) bridging over wetlands, creeks, and existing highways; 3) signalized intersections at tie-ins to existing highways; 4) street lighting; 5) clearing, grubbing, earthwork, fill, and grading; 6) environmental mitigation of wetlands and impacted closed ranges; 7) traffic markings and signage; 8) on-site mulching of clear &amp; grub debris; 9) re-use of stockpiled concrete rubble. Sustainable design features will be included in the design, development, and construction of the highway in accordance with the Energy Policy Act 2005.</p>				
<b>11. Requirement:</b> <u>14,630 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Road Network - Wallace Creek	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1298	8. Project Cost (\$000) 15,130	
<p>Construct roads and bridging to access the existing undeveloped Wallace Creek Battalion Build-Up Area in support of the 202K initiative. The project also includes the required signaling devices to control the direction of traffic and the relocation of existing utilities.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The Camp Lejeune complex currently has limited available large development parcels due to range restrictions, wetlands, environmental contamination and endangered species. This project will provide access to one of the last developable areas. This project will support numerous other facility projects that will occur as result of the Grow the Force initiative.</p> <p><b>CURRENT SITUATION:</b></p> <p>Currently, the road networks in the Wallace Creek area are not adequate enough to support the build up planned for the area.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide this supporting infrastructure will result in a lack of usable real estate slated to house numerous permanent facilities. Marines will experience degradation of unit cohesion and retention, along with the inability to maintain equipment, perform operations, and train personnel ultimately compromising combat readiness if adequate facilities are not created.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				10%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,000
(B) All other design costs				\$125
(C) Total				\$1,125
(D) Contract				\$875
(E) In-house				\$250
4. Contract award:				01/2010



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Road Network - Wallace Creek	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1298	8. Project Cost (\$000) 15,130
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MP Working Dog Kennel - Relocation	
5. Program Element 0206496M	6. Category Code 73020	7. Project Number P1304	8. Project Cost (\$000) 8,370	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MP WORKING DOG KENNEL - RELOCATION (14,434 SF)	m2	1,341		2,750
MWD KENNEL (14,434 SF)	m2	1,341	1,715.91	(2,300)
ANTI-TERRORISM/FORCE PROTECTION	LS			(30)
LEED AND EPACT 2005 COMPLIANCE	LS			(70)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(40)
BUILT-IN EQUIPMENT	LS			(180)
SPECIAL COSTS	LS			(80)
INFORMATION SYSTEMS	LS			(50)
SUPPORTING FACILITIES				4,530
SPECIAL FOUNDATION FEATURES	LS			(280)
ELECTRICAL UTILITIES	LS			(690)
MECHANICAL UTILITIES	LS			(1,330)
PAVING AND SITE IMPROVEMENTS	LS			(1,330)
SITE PREPARATIONS	LS			(640)
ANTI-TERRORISM/FORCE PROTECTION	LS			(260)
SUBTOTAL				7,280
CONTINGENCY (5%)				360
TOTAL CONTRACT COST				7,640
SIOH (5.7%)				440
SUBTOTAL				8,080
DESIGN/BUILD - DESIGN COST				290
TOTAL REQUEST ROUNDED				8,370
TOTAL REQUEST				8,370
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,335)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct a single-story working dog kennel. The facility consist of concrete masonry units on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete floors and standing seam metal roof. Building will include spaces for administration, maintenance, training/briefing rooms,</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MP Working Dog Kennel - Relocation	
5. Program Element 0206496M	6. Category Code 73020	7. Project Number P1304	8. Project Cost (\$000) 8,370	
<p>male and female locker/shower areas, operation storage and general purpose area (entry, waiting area, kitchen, break area, and bunkrooms). Built-in equipment includes cages, fire pump and emergency generator. Electrical systems include electrical distribution, fire protection, telephone, energy saving energy monitoring and control system and mass notification. Mechanical systems include plumbing, fire protection systems, fire pump and heating ventilation and air conditioning. Information systems will include telephone, local area network (LAN) and voice and data communication systems. Three NMCI seats are required for this project. The project will provide Anti-Terrorism (AT) features and comply with AT regulations, physical security and progressive collapse. The project also includes operation and maintenance support information and environmental mitigation.</p> <p>Supporting Facilities: Work includes necessary site and building utility connections for water, sanitary and storm sewers, electrical, telephone and LAN. Paving and site improvements include exterior site and building lighting, paved parking and roadways, sidewalks, storm water management, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping and building and roadway signage.</p> <p>Sustainable design principles will be included in the design, development and construction of the project in accordance with the Energy Policy Act of 2005.</p>				
<b>11. Requirement:</b> <u>1,341 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
<p>This project will provide support facilities for MEF Headquarters Group and Marine Corps Base MPs military working dogs and the necessary administrative, training, operations areas for the dog trainers and Kennel Master.</p> <p><b>(Current Mission)</b></p>				
<b>REQUIREMENT:</b>				
<p>Adequate and efficiently configured facilities to provide work/treatment area, administrative space, duty room, and storage areas for military working dogs and dog trainers assigned to the Marine Expeditionary Force Headquarters Group and Marine Corps Base Military Police (MP's).</p> <p>Marine Corps Base Camp Lejeune has a requirement to bed down approximately 6,000 Marines and Sailors in support of the Grow the Force initiative. Included in that requirement, are increases in military working dogs and military police assigned to the Marine Expeditionary Force Headquarters</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MP Working Dog Kennel - Relocation	
5. Program Element 0206496M	6. Category Code 73020	7. Project Number P1304	8. Project Cost (\$000) 8,370	
Group and Base MP's.				
<b>CURRENT SITUATION:</b>				
<p>Military units associated with Grow the Force began arriving in 2007. Marine Expeditionary Force Headquarters Group (MHG) and Marine Corps Base Military Police have increased requirements for military working dogs and dog handlers. Both units are currently located in the Wallace Creek area of Camp Lejeune. The Wallace Creek area is being developed to support movement of an entire Second Marine Division infantry regiment out of Hadnot Point.</p> <p>Moving MHG and Base Military Police will allow completion of the Wallace Creek build up and will reassign these units to a new cantonment area along Sawmill Road where they can construct new facilities to meet the increases of the Grow the Force initiative.</p>				
<b>IMPACT IF NOT PROVIDED:</b>				
<p>Failure to provide new support/administrative/training facilities will impact the ability of the MHG and Marine Corps Base to support their mission. This action will have adverse impacts on the MHG and Base MP's mission readiness.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$100
(B) All other design costs				\$100
(C) Total				\$200
(D) Contract				\$150
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2011

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MP Working Dog Kennel - Relocation	
5. Program Element 0206496M	6. Category Code 73020	7. Project Number P1304	8. Project Cost (\$000) 8,370	
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Furnishings		PMC	2011	1,185
Office Equipment		O&MMC	2011	150
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: William Brant			Phone No: 910-451-7581	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Pre-Trial Detainee Facility	
5. Program Element 0216496M	6. Category Code 73015	7. Project Number P1310	8. Project Cost (\$000) 18,580	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PRE-TRIAL DETAINEE FACILITY (24,617 SF)	m2	2,287		12,880
PRE-TRIAL DETAINEE FACILITY (24,617 SF)	m2	2,287	4,608.81	(10,540)
ANTI-TERRORISM/FORCE PROTECTION	LS			(120)
LEED AND EPACT 2005 COMPLIANCE	LS			(180)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(240)
BUILT-IN EQUIPMENT	LS			(1,320)
SPECIAL COSTS	LS			(180)
INFORMATION SYSTEMS	LS			(300)
SUPPORTING FACILITIES				3,270
SPECIAL FOUNDATION FEATURES	LS			(480)
ELECTRICAL UTILITIES	LS			(700)
MECHANICAL UTILITIES	LS			(720)
PAVING AND SITE IMPROVEMENTS	LS			(680)
SITE PREPARATIONS	LS			(410)
ENVIRONMENTAL MITIGATION	LS			(60)
ANTI-TERRORISM/FORCE PROTECTION	LS			(220)
SUBTOTAL				16,150
CONTINGENCY (5%)				810
TOTAL CONTRACT COST				16,960
SIOH (5.7%)				970
SUBTOTAL				17,930
DESIGN/BUILD - DESIGN COST				650
TOTAL REQUEST ROUNDED				18,580
TOTAL REQUEST				18,580
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(825)
<b>10. Description of Proposed Construction:</b>				
Construct a concrete masonry unit building consistent with DOD Level I confinement security requirements on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Pre-Trial Detainee Facility	
5. Program Element 0216496M	6. Category Code 73015	7. Project Number P1310	8. Project Cost (\$000) 18,580	
<p>foundation and floors, brick veneer, and standing seam metal roofs. Project will provide a pre-trial detainee facility to serve Camp Lejeune and all surrounding installations. Special construction features include pile foundations with reinforced concrete footings. Built-in equipment includes miscellaneous equipment. Electrical systems include fire alarms and energy saving electronic monitoring and control system. Mechanical systems include plumbing, fire protection systems, fire pump and heating ventilation and air conditioning. Information systems will include telephone, local area network, voice and data communication systems and secure information systems. Paving and site improvements include exterior site and building lighting, paved parking and roadways, sidewalks, storm water management, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping, and building and roadway signage. Project also includes operation and maintenance support information, anti-terrorism/force protection features, and necessary environmental mitigation.</p> <p>This project will include the demolition of Building 1041. Sustainable design features will be included in the design, development, and construction of the facility in accordance with the Energy Policy Act of 2005.</p>				
<b>11. Requirement:</b> <u>1,723 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project constructs a pre-trial detainee facility which serves Camp Lejeune and surrounding installations. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> An adequate pre-trial detainee facility is required to serve Camp Lejeune and surrounding installations in accordance with DODD 1325.04.				
<b>CURRENT SITUATION:</b> Military units associated with Grow the Force began arriving in FY2007. The Camp Lejeune Brig is currently the only Level I or II pre-trial military confinement within a 190-mile radius. It is used by all surrounding installations (i.e., Marine Corps Air Station (MCAS) Cherry Point; Fort Bragg, Fayetteville, NC; Pope Air Force Base (AFB), NC; Seymour Johnson AFB; MCAS New River; Fort Benning, GA; and Fort Stewart, GA). DODD 1325.04 states that, regardless of military service, the nearest military confinement facility shall be used on a non-reimbursable basis for pre-trial confinement. Without a change to DODD 1325.04 or establishment of				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Pre-Trial Detainee Facility	
5. Program Element 0216496M	6. Category Code 73015	7. Project Number P1310	8. Project Cost (\$000) 18,580	
<p>military confinement facilities closer to these installations, the current pre-trial confinement statistics will remain the same.</p> <p>The estimated total population served prior to the Grow the Force initiative is approximately 125,477. An estimated 10,511 persons will be added by the Grow the Force initiative. Based on population averages and area serviced histories, the actual capacity needed is 68 bed spaces with a 10 percent surge capability for a total of 75 bed spaces.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to grow over the next five years. Failure to provide this essential facility and supporting infrastructure will result in not providing an adequate pre-trial detainee facility.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$600
(B) All other design costs				\$300
(C) Total				\$900
(D) Contract				\$800
(E) In-house				\$100
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		PMC	2011	781
NMCI Connection Cost		O&MMC	2011	45
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Pre-Trial Detainee Facility	
5. Program Element 0216496M	6. Category Code 73015	7. Project Number P1310	8. Project Cost (\$000) 18,580	
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Joint Use is recommended.</p>				
Activity POC: W. L. Brant		Phone No: 910-451-5812 DSN 751		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Consolidated Info Tech/Telecom Complex	
5. Program Element 0216496M	6. Category Code 13117	7. Project Number P1311	8. Project Cost (\$000) 46,120	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CONSOLIDATED INFO TECH/TELECOM COMPLEX (114,679 SF)	m2	10,654		27,180
HAZMAT BUILDING (452 SF)	m2	42	1,203.67	(50)
CABLE STORAGE SHED (22,001 SF)	m2	2,044	1,127.33	(2,300)
ELECTRONICS-SPARES & STORAGE (16,501 SF)	m2	1,533	2,154.09	(3,300)
ELECTRONICS/COMMU MAINT SHOP (14,693 SF)	m2	1,365	1,884.89	(2,570)
RENOVATE TELEPHONE EXCHANGE (3,046 SF)	m2	283	1,843.72	(520)
RENOVATE COMMUNICATIONS STATION (3,046 SF)	m2	283	1,843.72	(520)
RENOVATE ELECTRONICS/COMMU MAINT SHOP (9,139 SF)	m2	849	1,097.62	(930)
COMMUNICATIONS STATION (30,204 SF)	m2	2,806	3,076.85	(8,630)
NETWORK OPS/SECURITY DIVISION (11,345 SF)	m2	1,054	2,648.41	(2,790)
OPERATIONS CONTROL CENTER (4,252 SF)	m2	395	3,830.12	(1,510)
ANTI-TERRORISM/FORCE PROTECTION	LS			(250)
LEED AND EPACT 2005 COMPLIANCE	LS			(740)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(380)
BUILT-IN EQUIPMENT	LS			(1,590)
SPECIAL COSTS	LS			(430)
INFORMATION SYSTEMS	LS			(670)
SUPPORTING FACILITIES				12,930
SPECIAL CONSTRUCTION FEATURES	LS			(220)
SPECIAL FOUNDATION FEATURES	LS			(2,110)
ELECTRICAL UTILITIES	LS			(980)
MECHANICAL UTILITIES	LS			(4,080)
PAVING AND SITE IMPROVEMENTS	LS			(3,480)
SITE PREPARATIONS	LS			(1,470)

1. Component NAVY		FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009	
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA				4. Project Title Consolidated Info Tech/Telecom Complex		
5. Program Element 0216496M		6. Category Code 13117	7. Project Number P1311	8. Project Cost (\$000) 46,120		
DEMOLITION		LS			(170)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(420)	
SUBTOTAL					40,110	
CONTINGENCY (5%)					2,010	
TOTAL CONTRACT COST					42,120	
SIOH (5.7%)					2,400	
SUBTOTAL					44,520	
DESIGN/BUILD - DESIGN COST					1,600	
TOTAL REQUEST ROUNDED					46,120	
TOTAL REQUEST					46,120	
EQUIPMENT FROM OTHER					(5,000)	
APPROPRIATIONS (NON ADD)						
<b>10. Description of Proposed Construction:</b>						
<p>Primary Facility: Construct a multi-story consolidated IT Tech/Telecom Complex addition to Building 24, plus renovate existing portions of Building 24. Project includes concrete masonry unit construction with concrete pile-supported concrete foundations, structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete floors and built-up standing seam metal roofs. Second floor construction shall consist of metal deck/concrete floor supported by steel joists upon load-bearing masonry support. Electrical systems include electrical distribution, fire protection, telephone, energy saving energy monitoring and control system and mass notification. Mechanical systems include plumbing, fire protection systems, fire pump and heating ventilation and air conditioning (HVAC).</p> <p>Supporting Facilities: Work includes site and building utility connections for water, natural gas, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN) and cable television. Information systems will include telephone, LAN, voice and data communication systems and secure information systems. Three hundred (300) NMCI seats are required for this project. The project will provide Anti-Terrorism (AT) features, physical security and progressive collapse. The project also includes operation and maintenance support information and environmental mitigation.</p> <p>Paving and site improvements include exterior site and building lighting, paved parking and roadways, sidewalks, storm water management, environmental protection measures, clearing and grubbing, earthwork, fill,</p>						

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009																				
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Consolidated Info Tech/Telecom Complex																					
5. Program Element 0216496M	6. Category Code 13117	7. Project Number P1311	8. Project Cost (\$000) 46,120																					
<p>grading, landscaping, building and roadway signage.</p> <p>Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005.</p>																								
<p><b>11. Requirement:</b> <u>120,696 m2</u> <b>Adequate:</b> <u>81,575 m2</u> <b>Substandard:</b> <u>16,693 m2</u></p> <p><b>PROJECT:</b> Provide the new construction of an Information Technology/Telecommunications addition to Bldg 24 and the renovation of existing portions of Bldg 24. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> IT Telecommunications requirements will exceed current capacity with the Grow the Force personnel loading. An addition to the existing facility is required.</p> <p><b>CURRENT SITUATION:</b> Military units associated with Grow the Force began arriving in 2007, and will increase the load of telecommunications needed at Camp Lejeune. Without the renovations and addition to Bldg 24, the IT/Telecom Facility will not be able to handle the proposed load.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The Marine Corps will continue to grow over the next five years. Failure to provide the supporting infrastructure will result in a shortage of adequate IT/Telecom capabilities and impose an adverse impact on a new units ability to reach full operational potential.</p>																								
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>06/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>15%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p>					(A) Date design or Parametric Cost Estimate started	08/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	06/2009	(D) Percent completed as of September 2008	15%	(E) Percent completed as of January 2009	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	Yes	(A) Standard or Definitive Design	No	(B) Where design was previously used	
(A) Date design or Parametric Cost Estimate started	08/2008																							
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009																							
(C) Date design completed	06/2009																							
(D) Percent completed as of September 2008	15%																							
(E) Percent completed as of January 2009	35%																							
(F) Type of design contract	Design Build																							
(G) Parametric Estimate used to develop cost	Yes																							
(H) Energy Study/Life Cycle Analysis performed	Yes																							
(A) Standard or Definitive Design	No																							
(B) Where design was previously used																								

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(DA) MARINE CORPS BASE CAMP LEJEUNE (HADNOT POINT) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Consolidated Info Tech/Telecom Complex	
5. Program Element 0216496M	6. Category Code 13117	7. Project Number P1311	8. Project Cost (\$000) 46,120	
(A) Production of plans and specifications				\$300
(B) All other design costs				\$150
(C) Total				\$450
(D) Contract				\$400
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Collateral Equipment (Various)		PMC	2011	5,000
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: William Brant			Phone No: 910-451-7581	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title New Base Entry Point and Road - Phase 1	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1382	8. Project Cost (\$000) 79,150	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
NEW BASE ENTRY POINT AND ROAD - PHASE 1	LS			50,120
BRIDGING-HWY24 TO BREWSTER ROADWAY SEGMENT (151,997 SF)	m2	14,121	2,603.45	(36,760)
ROADS-HWY 24 TO BREWSTER ROADWAY SEGEMENT	MI	2.5	4,854,673.41	(12,140)
SPECIAL COSTS	LS			(1,220)
SUPPORTING FACILITIES				18,720
SPECIAL CONSTRUCTION FEATURES	LS			(130)
ELECTRICAL UTILITIES	LS			(4,540)
MECHANICAL UTILITIES	LS			(2,730)
PAVING AND SITE IMPROVEMENTS	LS			(3,360)
SITE PREPARATIONS	LS			(2,680)
DEMOLITION	LS			(150)
ENVIRONMENTAL MITIGATION	LS			(1,130)
LAND ACQUISITION FOR ACCESS RD AND HWY INTERCHANGE	LS			(4,000)
SUBTOTAL				68,840
CONTINGENCY (5%)				3,440
TOTAL CONTRACT COST				72,280
SIOH (5.7%)				4,120
SUBTOTAL				76,400
DESIGN/BUILD - DESIGN COST				2,750
TOTAL REQUEST ROUNDED				79,150
TOTAL REQUEST				79,150
<b>10. Description of Proposed Construction:</b>				
<p>Construct roads and bridging for access and egress at Marine Corps Base Camp Lejeune in support of the 202K Grow the Force initiative. A recent traffic engineering study revealed that the impact resulting from 202K Grow the Force will result in failure of the existing traffic network infrastructure.</p> <p>This project is the first of three phases and will construct the portion of the divided highway extending from the Terawa Terrace housing area, over Northeast Creek, and terminating at Brewster Boulevard. New bridges and</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009						
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title New Base Entry Point and Road - Phase 1							
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1382	8. Project Cost (\$000) 79,150							
<p>culverts will be provided along the new highway route. Land acquisition from both the North Carolina Department of Transportation (NCDOT) and approximately 8-10 private land owners is required to facilitate construction of the by-pass intersection and overpass connection at NC HWY 24.</p> <p>Improvements to the geometry at various intersections will be accomplished as recommended in the traffic study.</p> <p>Construction will include 1)relocation of telecom, water, sewer, electric and natural gas utility lines at tie-ins to developed areas; 2) bridging over wetlands, creeks, rivers and existing highways; 3) signaled and non-signalized intersections at tie-ins to existing highways; 4)street lighting; 5)clearing, grubbing, earthwork, fill, and grading; 6)environmental mitigation of wetlands; 7)traffic markings and signage; 8)on-site mulching of clear &amp; grub debris; and 9) re-use of stockpiled concrete rubble. Sustainable design features will be included in the design, development, and construction of the highway in accordance with the Energy Policy Act 2005.</p> <p>This project will fund the real estate actions necessary to acquire interests in approximately 20 acres of off-base land to construct an overpass, a service road, and intersection improvement work necessary to tie the new Base access point in with NC Hwy 24. Additionally, the funds will be used to provide relocation assistance and demolition of the structures associated with businesses within the 20 acre acquisition area. Coordination with, and assistance from, the NCDOT will be required for right-of-way issues and possibly business relocation.</p>										
<table border="0"> <tr> <td data-bbox="191 1470 535 1512"><b>11. Requirement:</b></td> <td data-bbox="535 1470 917 1512"><b>Adequate:</b></td> <td data-bbox="917 1470 1429 1512"><b>Substandard:</b></td> </tr> <tr> <td colspan="3" data-bbox="191 1512 1429 1950"> <p><b>PROJECT:</b></p> <p>Upon completion of all three phases, the new gate and roadway will provide a vital highway backbone through new development areas so that new facilities and housing can be constructed to support the Grow the Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This new highway backbone will provide support to the Hadnot Point Housing Areas, Tarawa Terrace Housing Areas, Hadnot Point Division Area, and the new Battalion build up areas known as Wallace Creek and Cogdell's Creek.</p> </td> </tr> </table>					<b>11. Requirement:</b>	<b>Adequate:</b>	<b>Substandard:</b>	<p><b>PROJECT:</b></p> <p>Upon completion of all three phases, the new gate and roadway will provide a vital highway backbone through new development areas so that new facilities and housing can be constructed to support the Grow the Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This new highway backbone will provide support to the Hadnot Point Housing Areas, Tarawa Terrace Housing Areas, Hadnot Point Division Area, and the new Battalion build up areas known as Wallace Creek and Cogdell's Creek.</p>		
<b>11. Requirement:</b>	<b>Adequate:</b>	<b>Substandard:</b>								
<p><b>PROJECT:</b></p> <p>Upon completion of all three phases, the new gate and roadway will provide a vital highway backbone through new development areas so that new facilities and housing can be constructed to support the Grow the Force initiative.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>This new highway backbone will provide support to the Hadnot Point Housing Areas, Tarawa Terrace Housing Areas, Hadnot Point Division Area, and the new Battalion build up areas known as Wallace Creek and Cogdell's Creek.</p>										

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(KA) MARINE CORPS BASE CAMP LEJEUNE (TRAINING AREA EAST) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title New Base Entry Point and Road - Phase 1	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1382	8. Project Cost (\$000) 79,150	
<p>The new development areas that will become available as a result of this highway will also support numerous future projects that will occur as a result of the Grow the Force Initiative.</p> <p>The Marine Corps continues to work with the North Carolina Department of Transportation and the Defense Access Road program for the portions of the road that may be off-base.</p> <p><b>CURRENT SITUATION:</b></p> <p>The 2007 traffic study at Camp Lejeune showed that the annual growth rate at Camp Lejeune, coupled with the surge from the Grow the Force Initiative, will result in severe traffic impacts both on and off base. Camp Lejeune's 2007 average daily traffic count at the main gate and on Holcomb Blvd is 35,800 vehicles per day, which equates to a level of service of "C". At the C level of service the general level of driver comfort and convenience declines noticeably. Grow the Force increases will increase the average daily traffic at the main gate/Holcomb Blvd to 46,900 vehicles per day by 2012 which will reduce the overall level of service to "D" where small increases in traffic will generally cause operational problems. In addition, by 2012 certain intersections along Holcomb Blvd will degrade during AM and PM peak hours to the worst level of service -- "E" and "F". Service at these levels consist of stoppages for long periods of time due to traffic congestion. These traffic count projections do not yet take into account future family housing initiatives now being considered that would construct an additional 2,000 homes inside the main gate.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to grow over the next five years. Failure to provide this essential infrastructure will result in severe traffic impacts both on and off the base.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				05/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				10%
(F) Type of design contract	Design Bid Build			
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Parallel Taxiway	
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P311	8. Project Cost (\$000) 17,870	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PARALLEL TAXIWAY (601,229 SF)	m2	55,856		8,740
PARALLEL TAXIWAY (600,626 SF)	m2	55,800	150.36	(8,390)
UTILITY BLDG (603 SF)	m2	56	667.69	(40)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(40)
BUILT-IN EQUIPMENT	LS			(110)
SPECIAL COSTS	LS			(160)
SUPPORTING FACILITIES				6,800
ELECTRICAL UTILITIES	LS			(1,660)
MECHANICAL UTILITIES	LS			(90)
PAVING AND SITE IMPROVEMENTS	LS			(2,840)
SITE PREPARATIONS	LS			(2,170)
DEMOLITION	LS			(40)
SUBTOTAL				15,540
CONTINGENCY (5%)				780
TOTAL CONTRACT COST				16,320
SIOH (5.7%)				930
SUBTOTAL				17,250
DESIGN/BUILD - DESIGN COST				620
TOTAL REQUEST ROUNDED				17,870
TOTAL REQUEST				17,870
<b>10. Description of Proposed Construction:</b>				
The Using Activity for this project is planned to be: MARINE CORPS AIR STATION NEW RIVER.				
Primary Facility: Construct a 6000 ft. asphalt taxiway with connections to Runway 1/19, Alpha Taxiway, and Delta Taxiway, providing egress from runways to existing and proposed apron areas.				
Supporting Facilities: Costs include permanent airfield markings, taxiway lighting, and the widening of Delta Taxiway for two-way traffic. Site preparations include relocation of utilities from Curtis Road, site excavation, fill and stormwater management. This project will include the demolition of Building AS843 (S-3 Aircraft Ops Building). Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005.				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Parallel Taxiway	
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P311	8. Project Cost (\$000) 17,870	
<b>11. Requirement:</b> <u>55,856 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> Construct parallel taxiway and lighting to alleviate airfield congestion in support of fleet marine force operations at MCAS, New River and to provide runway access from new aircraft parking aprons. <b>(Current Mission)</b> <b>REQUIREMENT:</b> To alleviate ground level circulation problems, and eliminate aircraft using runways to taxi to and from parking aprons. <b>CURRENT SITUATION:</b> Currently, MCAS New River has more than 200 aircraft permanently assigned. The aircraft are forced to use the active runway for taxiing causing problems accommodating arriving and departing aircraft. When the operation tempo is high, aircraft must exit the runway as soon as possible to ensure the taxiway is available for operations. Since the introduction of the MV-22, airfield congestion has increased significantly. <b>IMPACT IF NOT PROVIDED:</b> The increase in aircraft numbers over the next 8 years will only exacerbate the current airfield congestion at MCAS New River. MCAS New River will have more than 90 MV-22 aircraft, 81 skids (Hueys and Cobras), and 48 CH-53's. Other Maintenance Hangar and Apron projects in support of aviation transition and the MV-22 introduction, constructed east of runway 1/19 will not have the necessary access to existing taxiways and runways. Aircraft will continue to use the operating runways for taxi purposes severely limiting airfield operations. The efficiency of the airfield will continue to be hampered and the potential for serious mishaps will remain. Future MV-22 hangars will not have the necessary access to existing taxiways and runways.				
<b>12. Supplemental Data:</b> A. Estimated Design Data: 1. Status: (A) Date design or Parametric Cost Estimate started 08/2008 (B) Date 35% Design or Parametric Cost Estimate complete 04/2009 (C) Date design completed 06/2009 (D) Percent completed as of September 2008 5% (E) Percent completed as of January 2009 15% (F) Type of design contract Design Build (G) Parametric Estimate used to develop cost Yes (H) Energy Study/Life Cycle Analysis performed No 2. Basis: (A) Standard or Definitive Design No				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009										
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Parallel Taxiway											
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P311	8. Project Cost (\$000) 17,870											
<p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$175</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$125</td> </tr> <tr> <td>(C) Total</td> <td>\$300</td> </tr> <tr> <td>(D) Contract</td> <td>\$250</td> </tr> <tr> <td>(E) In-house</td> <td>\$50</td> </tr> </table> <p>4. Contract award: 01/2010</p> <p>5. Construction start: 03/2010</p> <p>6. Construction complete: 09/2011</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Activity POC: David Turner Phone No: 910-449-5401</p>					(A) Production of plans and specifications	\$175	(B) All other design costs	\$125	(C) Total	\$300	(D) Contract	\$250	(E) In-house	\$50
(A) Production of plans and specifications	\$175													
(B) All other design costs	\$125													
(C) Total	\$300													
(D) Contract	\$250													
(E) In-house	\$50													

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Parallel Taxiway	
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P311	8. Project Cost (\$000) 17,870
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Tactical Support Van Pad Addition	
5. Program Element 0216496M	6. Category Code 11665	7. Project Number P619	8. Project Cost (\$000) 5,490	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
TACTICAL SUPPORT VAN PAD ADDITION (102,860 SF)	m2	9,556		2,840
TACTICAL SUPPORT VAN PAD (102,257 SF)	m2	9,500	264.14	(2,510)
FIELD SERVICE HEAD (603 SF)	m2	56	3,128.6	(180)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(10)
BUILT-IN EQUIPMENT	LS			(90)
SPECIAL COSTS	LS			(50)
SUPPORTING FACILITIES				1,930
ELECTRICAL UTILITIES	LS			(970)
MECHANICAL UTILITIES	LS			(210)
PAVING AND SITE IMPROVEMENTS	LS			(550)
SITE PREPARATIONS	LS			(160)
DEMOLITION	LS			(40)
SUBTOTAL				4,770
CONTINGENCY (5%)				240
TOTAL CONTRACT COST				5,010
SIOH (5.7%)				290
SUBTOTAL				5,300
DESIGN/BUILD - DESIGN COST				190
TOTAL REQUEST ROUNDED				5,490
TOTAL REQUEST				5,490
<b>10. Description of Proposed Construction:</b>				
<p>The Using Activity for this project is planned to be: MARINE CORPS AIR STATION NEW RIVER.</p> <p>Construct concrete support area for tactical support two van pads. Each pad will be sized to support 112 vans and concrete slab reinforced for double stacked configuration. Electrical utilities include a grounding grid, 5 MVA electrical service, 400Hz frequency converter, electrical service disconnects, lighting, telephone, and fiber optic. Mechanical utilities include water lines, compressed air system, storm drain system, and fire hydrants. Provide public restroom facilities for supported personnel. Paving and site improvements include asphalt overlay in fire lanes and storm water pond management. This project will demolish buildings AS575 (Hazardous &amp; Flammable Storehouse - MAL 26) and AS4086.</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Tactical Support Van Pad Addition	
5. Program Element 0216496M	6. Category Code 11665	7. Project Number P619	8. Project Cost (\$000) 5,490	
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$100
(B) All other design costs				\$75
(C) Total				\$175
(D) Contract				\$125
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Turner, David			Phone No: 910-449-5401	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Tactical Support Van Pad Addition	
5. Program Element 0216496M	6. Category Code 11665	7. Project Number P619	8. Project Cost (\$000) 5,490
<p><b>Blank Page</b></p>			

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title VMMT-204 Maintenance Hangar - Phase 3	
5. Program Element 0206496M	6. Category Code 21105	7. Project Number P652	8. Project Cost (\$000) 28,210	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
VMMT-204 MAINTENANCE HANGAR - PHASE 3 (46,263 SF)	m2	4,298		19,850
VMMT-204 MAINT HANGAR PHASE III (46,263 SF)	m2	4,298	3,684.35	(15,840)
ANTI-TERRORISM/FORCE PROTECTION	LS			(120)
LEED AND EPACT 2005 COMPLIANCE	LS			(350)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(180)
BUILT-IN EQUIPMENT	LS			(2,770)
SPECIAL COSTS	LS			(470)
INFORMATION SYSTEMS	LS			(120)
SUPPORTING FACILITIES				4,680
SPECIAL FOUNDATION FEATURES	LS			(910)
ELECTRICAL UTILITIES	LS			(160)
MECHANICAL UTILITIES	LS			(70)
PAVING AND SITE IMPROVEMENTS	LS			(670)
SITE PREPARATIONS	LS			(180)
DEMOLITION	LS			(2,650)
ENVIRONMENTAL MITIGATION	LS			(40)
SUBTOTAL				24,530
CONTINGENCY (5%)				1,230
TOTAL CONTRACT COST				25,760
SIOH (5.7%)				1,470
SUBTOTAL				27,230
DESIGN/BUILD - DESIGN COST				980
TOTAL REQUEST ROUNDED				28,210
TOTAL REQUEST				28,210
EQUIPMENT FROM OTHER				(385)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
The Using Activity for this project is planned to be: MARINE CORPS AIR STATION NEW RIVER.				
Construct a multi-story aircraft maintenance hangar addition, to provide hangar bay, shop space, flight line operations, and maintenance functions				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title VMMT-204 Maintenance Hangar - Phase 3	
5. Program Element 0206496M	6. Category Code 21105	7. Project Number P652	8. Project Cost (\$000) 28,210	
<p>in support of VMMT-204, MV-22 Fleet Replacement Squadron. The hangar addition will join the existing aircraft parking apron, and will include a multi-story crew/equipment/admin area at the rear of the hangar bay. Primary facility will be steel frame construction with suspended cantilever trusses supporting the hangar bay roof. Roof will be a standing seam metal roof over rigid insulation on steel deck supported by steel joists. Second floor framing will be concrete on steel floor decking. Exterior walls will be metal siding on the hangar bay and concrete masonry on the operations/administrative area, with thermally efficient windows and doors. Ground floor will be slab on grade with pile foundation and includes embedded grounding grid and floor drainage system in the hangar bay. Electrical systems will include fire protection (fire pump, sprinkler and aqueous film-forming foam (AFFF)), electrical distribution, lighting, and communication features, to include Naval Aviation Logistics Command Management Information System (NALCOMIS) and weather vision systems. Mechanical utilities include water, sewer, gas distribution, air conditioning, and connection to existing oil water separator. Site preparations include excavation, grading, pavement, access roadway, and storm water removal. Site improvements include new aircraft paving and flightline fencing. Built-in equipment includes infrastructure for a 5 ton bridge crane. This project will include the demolition of Building No. AS504. Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005.</p>				
<b>11. Requirement:</b> <u>4,382 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project is Phase III of the AS504 replacement. It will provide the required maintenance, crew and equipment, and administration spaces for VMMT-204. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Provide adequate and efficiently configured facilities to accommodate the MV-22 Fleet Replacement Squadron with a PAA of 30 aircraft and over 800 personnel to include hangar bay, crew and equipment spaces, administration spaces, ready room, and maintenance shops.				
<b>CURRENT SITUATION:</b> AS504 currently houses VMMT-204, which will consist of more than 30 aircraft and more than 800 personnel. This project (P-652) will be the third phase of the replacement of AS504. It includes construction of highbay space to house seven fully spread and two folded MV-22 aircraft,				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title VMMT-204 Maintenance Hangar - Phase 3	
5. Program Element 0206496M	6. Category Code 21105	7. Project Number P652	8. Project Cost (\$000) 28,210	
crew and equipment spaces, and administration spaces, which will provide VMMT 204 with adequate space designed to accomplish their mission.				
<b>IMPACT IF NOT PROVIDED:</b>				
Due to the size and number of MV-22s operating at MCAS New River, this Air Station will be severely deficient in hangar space and will not be able to provide the required hangar spaces to the permanently based helicopter squadrons. Squadrons are already hot-racking hangar bay spaces with 3-4 more squadrons permanently moving to New River.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$600
(B) All other design costs				\$300
(C) Total				\$900
(D) Contract				\$800
(E) In-house				\$100
4. Contract award:				12/2009
5. Construction start:				02/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	PMC	2011	350	
NMCI Connections	O&MMC	2011	35	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title VMMT-204 Maintenance Hangar - Phase 3	
5. Program Element 0206496M	6. Category Code 21105	7. Project Number P652	8. Project Cost (\$000) 28,210	
available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: David Turner			Phone No: 910-449-5401	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Apron Expansion (Phase 2)	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P688	8. Project Cost (\$000) 35,600	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
APRON EXPANSION (PHASE 2) (1,883,684 SF)	m2	175,000		22,270
AIRCRAFT PARKING APRON (1,883,684 SF)	m2	175,000	124.87	(21,850)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(110)
SPECIAL COSTS	LS			(310)
SUPPORTING FACILITIES				8,690
ELECTRICAL UTILITIES	LS			(1,300)
MECHANICAL UTILITIES	LS			(80)
PAVING AND SITE IMPROVEMENTS	LS			(3,850)
SITE PREPARATIONS	LS			(3,430)
DEMOLITION	LS			(30)
SUBTOTAL				30,960
CONTINGENCY (5%)				1,550
TOTAL CONTRACT COST				32,510
SIOH (5.7%)				1,850
SUBTOTAL				34,360
DESIGN/BUILD - DESIGN COST				1,240
TOTAL REQUEST ROUNDED				35,600
TOTAL REQUEST				35,600
<b>10. Description of Proposed Construction:</b>				
<p>The Using Activity for this project is planned to be: MARINE CORPS AIR STATION NEW RIVER.</p> <p>Construct 175,000 square meters of aircraft parking apron to support additional requirements created by the introduction of the MV-22 aircraft and the relocation of additional operational squadrons to MCAS New River. Apron will consist of reinforced concrete with mooring eyes and grounding points. Electrical utilities will include apron perimeter lighting, electrical duct bank, and electrical manholes. Paving and site improvements include filling, grading, ditch relocation, relocation of existing youth ballfield complex, landscaping, relocation of existing compass rose (navigation calibration aide), and storm water pond management. Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009																				
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Apron Expansion (Phase 2)																					
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P688	8. Project Cost (\$000) 35,600																					
<p><b>11. Requirement:</b> <u>175,000 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b> Construct aircraft parking apron space to support the increased requirement due to the transition from the CH-46 to the MV-22 and the increase in aircraft based at New River.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b> Provide adequate aircraft parking aprons to support four operational MV-22 squadrons.</p> <p><b>CURRENT SITUATION:</b> MCAS New River lacks sufficient space to meet current aircraft parking apron requirements. There are 147 parking spaces to support 199 tactical aircraft. The existing aircraft maintenance hangars cannot support the remainder. The transition to the MV-22 has greatly exacerbated this problem. This new aircraft is 85 feet wide from rotor tip to rotor tip, requiring much more apron space than it's predecessor, the CH-46.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If not provided, MCAS New River cannot safely support the large numbers of aircraft operating at MCAS, without overcrowding the existing areas, and cannot support aircraft maintenance hangars planned to be constructed. These new hangars must be constructed in an area where there is no existing apron spaces. In addition, the aircraft's rotors will be in the fully folded (stowed) position, severely hampering mission readiness and training. Lack of apron space will force overcrowding in aircraft hangars, limiting the efficiency and possibly the quality of maintenance.</p>																								
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>03/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>0%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>35%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>No</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td></td> </tr> </table> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p>					(A) Date design or Parametric Cost Estimate started	08/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	03/2009	(D) Percent completed as of September 2008	0%	(E) Percent completed as of January 2009	35%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy Study/Life Cycle Analysis performed	No	(A) Standard or Definitive Design	No	(B) Where design was previously used	
(A) Date design or Parametric Cost Estimate started	08/2008																							
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009																							
(C) Date design completed	03/2009																							
(D) Percent completed as of September 2008	0%																							
(E) Percent completed as of January 2009	35%																							
(F) Type of design contract	Design Build																							
(G) Parametric Estimate used to develop cost	Yes																							
(H) Energy Study/Life Cycle Analysis performed	No																							
(A) Standard or Definitive Design	No																							
(B) Where design was previously used																								

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Apron Expansion (Phase 2)	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P688	8. Project Cost (\$000) 35,600	
(A) Production of plans and specifications			\$300	
(B) All other design costs			\$150	
(C) Total			\$450	
(D) Contract			\$400	
(E) In-house			\$50	
4. Contract award:			01/2010	
5. Construction start:			03/2010	
6. Construction complete:			03/2012	
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: David Turner			Phone No: 910-449-5401	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Apron Expansion (Phase 2)	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P688	8. Project Cost (\$000) 35,600
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Gymnasium/Outdoor Pool	
5. Program Element 0206496M	6. Category Code 74044	7. Project Number P714	8. Project Cost (\$000) 19,920	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
GYMNASIUM/OUTDOOR POOL (45,757 SF)	m2	4,251		12,600
INDOOR PHYSICAL FITNESS CENTER (27,050 SF)	m2	2,513	2,627.62	(6,600)
INDOOR SWIMMING POOL (18,708 SF)	m2	1,738	2,357.1	(4,100)
ANTI-TERRORISM/FORCE PROTECTION	LS			(10)
LEED AND EPACT 2005 COMPLIANCE	LS			(780)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(170)
BUILT-IN EQUIPMENT	LS			(630)
SPECIAL COSTS	LS			(180)
INFORMATION SYSTEMS	LS			(130)
SUPPORTING FACILITIES				4,720
SPECIAL FOUNDATION FEATURES	LS			(940)
ELECTRICAL UTILITIES	LS			(690)
MECHANICAL UTILITIES	LS			(1,290)
PAVING AND SITE IMPROVEMENTS	LS			(520)
SITE PREPARATIONS	LS			(480)
DEMOLITION	LS			(630)
ANTI-TERRORISM/FORCE PROTECTION	LS			(120)
LEEDS COMPLIANCE	LS			(50)
SUBTOTAL				17,320
CONTINGENCY (5%)				870
TOTAL CONTRACT COST				18,190
SIOH (5.7%)				1,040
SUBTOTAL				19,230
DESIGN/BUILD - DESIGN COST				690
TOTAL REQUEST ROUNDED				19,920
TOTAL REQUEST				19,920
<b>10. Description of Proposed Construction:</b>				
Construct a two story physical fitness center with structural steel framing, brick masonry exterior over concrete block, reinforced concrete				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Gymnasium/Outdoor Pool	
5. Program Element 0206496M	6. Category Code 74044	7. Project Number P714	8. Project Cost (\$000) 19,920	
<p>pile supported foundation, reinforced concrete slab on grade and a standing seam metal roof on steel trusses. Include the following areas: indoor elevated running track, indoor pool and weight training/body development area. Additionally, space shall be provided for an equipment storage/gear issue area with shelving, administration area including private staff offices, a fitness assessment room, a laundry facility, vending area, separate men/women/family locker area with showers, toilets, and steam &amp; dry saunas. Special foundation features include a pile foundation. Built-in equipment includes lockers, sound system, laundry/vending support, elevator (combo passenger/freight), natatorium dehumidification system and strand water telemetry system. Electrical systems include energy monitoring and control system, information systems, fire protection, and mass notification system. Ten NMCI seats will be required for this project. Mechanical systems shall include fire pump, sprinkler, hydrants, heating ventilation and air conditioning (HVAC) system and plumbing, and other associated mechanical code requirements for new construction. Supporting facilities work includes site and building utility connections for water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and cable television. Paving and site improvements include exterior site and building lighting, access roads, paved &amp; lighted parking, concrete curb and sidewalks, grading/earthwork and landscaping, and storm water pond management. Project also includes operation and maintenance support information, anti-terrorism/force protection features, and environmental mitigation. Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005. Low Impact Development will be included in the design and construction.</p> <p>This project will include the demolition of two buildings with a total footprint reduction of 26,311 sf/2439 m2.</p>				
<b>11. Requirement:</b> <u>4,251 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project builds an adequately sized facility to house the indoor physical fitness center, indoor pool, and support areas to provide physical fitness provisions to existing personnel and the projected increase of personnel. Demolition of the existing indoor fitness center, (Bldg. AS202, and outdoor pool, (AS204), will be included in this project. <b>(Current Mission)</b> <b>REQUIREMENT:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Gymnasium/Outdoor Pool	
5. Program Element 0206496M	6. Category Code 74044	7. Project Number P714	8. Project Cost (\$000) 19,920	
<p>Provide adequate and efficiently configured physical fitness facilities to support both existing personnel and projected "Grow the Force" personnel increases at MCAS New River.</p> <p><b>CURRENT SITUATION:</b></p> <p>The existing indoor physical fitness center and pool facility are old and require high maintenance costs. Configuration of the interior of Bldg. AS202 (Gym/fitness area) is inadequate for the equipment and additional fitness programs provided to the personnel at MCAS New River.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Continued use of the existing indoor fitness center (AS202) and pool (AS204) at full capacity will result in overcrowded physical fitness facilities as well as fragmented fitness training and quality of life programs for active duty military, their dependents, and retirees. Physical fitness and readiness of the Marines will be hindered. The use of over-crowded facilities will put Marines in danger due to exceeding the fire and safety occupancy rating for the facility during peak hours.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				12/2008
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				15%
(E) Percent completed as of January 2009				40%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$175
(B) All other design costs				\$125
(C) Total				\$300
(D) Contract				\$250
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67001(LA) MARINE CORPS BASE CAMP LEJEUNE (MCAS NEW RIVER) CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Gymnasium/Outdoor Pool	
5. Program Element 0206496M	6. Category Code 74044	7. Project Number P714	8. Project Cost (\$000) 19,920	
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p>				
Activity POC: David Turner			Phone No: 910-449-5401	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.05				
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	133	1113	1399	61	343	0	925	8186	1343
B. End FY 2013	133	1133	1399	61	556	0	894	8265	1315	13756
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(13190 Acres)										
B. INVENTORY AS OF 30 SEP 2008 ..... 2,878,009										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 39,367										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 22,960										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 124,160										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 123,450										
G. REMAINING DEFICIENCY ..... 427,490										
H. <b>GRAND TOTAL</b> ..... <b>3,615,436</b>										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
73010	EMS/Fire Vehicle Facility	08/2008	06/2009	1531 m2	10,600					
42122	Ordnance Magazines	08/2008	03/2009	627 m2	12,360					
				TOTAL	22,960					
9. Future Projects:										
A. Included In The Following Program:										
72124	Bachelor Enlisted Quarters				9900 m2	43,840				
42172	Missile Magazine					13,360				
61072	MASS-1 Compound				7185 m2	51,340				
81330	Station Infrastructure Upgrades				0 LS	15,620				
				TOTAL	124,160					
B. Major Planned Next Three Years:										
87210	Atlantic Field Security				5,850					
73025	Mobilization And AT/FP Impvs At Slocum Rd				15,730					
21860	Ground Support Equipment Shop				3,910					
42122	Ordnance Magazines				15,380					
21105	MALS/FREST Maintenance Hangar Type I				39,170					
74044	Indoor Fitness Facility				17,200					
21451	MACS2 Operations & Maintenance Facility				7,320					
21451	Motor Transport and Communications Shop				7,810					
91110	Mariner's Bay Land Acquisition Bogue				4,260					
91110	Land Acquisition Bogue Buffer				6,820					
				TOTAL	123,450					
C. R&M Unfunded Requirement (\$000): 37,400										
10. Mission or Major Functions:										
Maintain and operate facilities and provide services and materials to support the operations of a Marine aircraft wing, or units thereof, and other activities and units as designated by the Commandant of the Marine										

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.05
Corps in coordination with the Chief of Naval Operations.		
11. Outstanding Pollution and Safety Deficiencies (\$000): A. Pollution Abatement(*): 0 B. Occupational Safety and Health(OSH)(#): 0		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA			4. Project Title EMS/Fire Vehicle Facility	
5. Program Element 0216496M	6. Category Code 73010	7. Project Number P141	8. Project Cost (\$000) 10,600	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
EMS/FIRE VEHICLE FACILITY (16,480 SF)	m2	1,531		6,810
EMS/FIRE VEHICLE FACILITY (16,480 SF)	m2	1,531	3,406.46	(5,220)
ANTI-TERRORISM/FORCE PROTECTION	LS			(570)
LEED AND EPACT 2005 COMPLIANCE	LS			(360)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(90)
BUILT-IN EQUIPMENT	LS			(440)
SPECIAL COSTS	LS			(90)
INFORMATION SYSTEMS	LS			(40)
SUPPORTING FACILITIES				2,410
SPECIAL FOUNDATION FEATURES	LS			(320)
ELECTRICAL UTILITIES	LS			(770)
MECHANICAL UTILITIES	LS			(490)
PAVING AND SITE IMPROVEMENTS	LS			(520)
SITE PREPARATIONS	LS			(170)
ENVIRONMENTAL MITIGATION	LS			(140)
SUBTOTAL				9,220
CONTINGENCY (5%)				460
TOTAL CONTRACT COST				9,680
SIOH (5.7%)				550
SUBTOTAL				10,230
DESIGN/BUILD - DESIGN COST				370
TOTAL REQUEST ROUNDED				10,600
TOTAL REQUEST				10,600
EQUIPMENT FROM OTHER				(142)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct one-story building with concrete foundation and floor slabs, masonry walls, and standing seam metal roof over steel trusses. The Emergency Medical Service (EMS)/Fire Vehicle Facility will have three bays for ambulances and two bays for fire vehicles. The building will be a drive-thru facility. The building includes</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA			4. Project Title EMS/Fire Vehicle Facility	
5. Program Element 0216496M	6. Category Code 73010	7. Project Number P141	8. Project Cost (\$000) 10,600	
<p>administrative space, training space, sleeping quarters, male and female bathrooms, day room, kitchen, laundry room, physical fitness room and storage. Space is included in the apparatus garage for three EMS ambulances, a hazardous material trailer and tow vehicle, a self contained decontamination unit and tow vehicle, and a hazardous material command vehicle. Built-in equipment includes vehicle exhaust system and emergency generator. Information systems include wiring for telephone, cable television (CATV), local area network (LAN), mass notification, and energy management control system.</p> <p>Supporting Facilities: Mechanical utilities include heating, ventilation, and air conditioning and fire protection systems. Electrical utilities include fire alarm systems, electrical cables and conductors, and electrical vaults. Supporting utilities include site and building utility connections (water, sanitary and storm sewer, electrical, telephone, LAN, and CATV). Paving and site improvements include sidewalks, parking lots and regrading. Project will be designed to meet the requirements of the Americans with Disabilities Act.</p> <p>Sustainable design principles will be included in the design and construction of the project in accordance with the Energy Policy Act of 2005.</p>				
<b>11. Requirement:</b> <u>1,531 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> Project will construct an EMS and Fire Vehicle Facility. <b>(Current Mission)</b> <b>REQUIREMENT:</b> Project will provide an adequate facility to support EMS and to accommodate fire apparatus vehicles and equipment. As mandated by HQMC, MCAS Cherry Point Fire Department took over EMS in October 2005. MCAS Cherry Point received three ambulances and 11 additional personnel. <b>CURRENT SITUATION:</b> The emergency medical care for MCAS Cherry Point was turned over to the Station Fire Department in October 2005. The Fire Department is operating three ambulances with firefighter/paramedics and drivers occupying them. Personnel are temporarily operating from two Lahnam Housing Units located at 601/603 Onslow Drive. These housing units are of 1960's construction and have settling and moisture issues. Having to occupy two units hampers effective communication and security between the assigned crews. The ambulances are being stored in a temporary metal building with a gravel				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA			4. Project Title EMS/Fire Vehicle Facility	
5. Program Element 0216496M	6. Category Code 73010	7. Project Number P141	8. Project Cost (\$000) 10,600	
<p>floor. The building is neither heated nor cooled, thus subjecting medical supplies, equipment and medications to adverse temperatures which in turn shorten the life spans of these sensitive products.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Without this project, the Fire Department will not be able to perform EMS duties as required by Department of Defense Instructions, Marine Corps Orders, and Air Station Orders.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				03/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$250
(B) All other design costs				\$50
(C) Total				\$300
(D) Contract				\$100
(E) In-house				\$200
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	O&MMC	2011	142	
<b>JOINT USE CERTIFICATION:</b>				
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p>				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA			4. Project Title Ordnance Magazines	
5. Program Element 0216496M	6. Category Code 42122	7. Project Number P146	8. Project Cost (\$000) 12,360	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ORDNANCE MAGAZINES (6,750 SF)	m2	627.09		3,600
HIGH EXPLOSIVE MAGAZINES (6,750 SF)	m2	627.09	5,468.66	(3,430)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(20)
BUILT-IN EQUIPMENT	LS			(40)
SPECIAL COSTS	LS			(110)
SUPPORTING FACILITIES				7,150
SPECIAL FOUNDATION FEATURES	LS			(1,080)
ELECTRICAL UTILITIES	LS			(1,150)
MECHANICAL UTILITIES	LS			(120)
PAVING AND SITE IMPROVEMENTS	LS			(1,600)
SITE PREPARATIONS	LS			(2,360)
DEMOLITION	LS			(310)
ENVIRONMENTAL MITIGATION	LS			(530)
SUBTOTAL				10,750
CONTINGENCY (5%)				540
TOTAL CONTRACT COST				11,290
SIOH (5.7%)				640
SUBTOTAL				11,930
DESIGN/BUILD - DESIGN COST				430
TOTAL REQUEST ROUNDED				12,360
TOTAL REQUEST				12,360
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(200)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct six single-story reinforced concrete box standard earth-covered magazines. Special foundation features include pile foundation.</p> <p>Supporting Facilities: Electrical utilities include lighting, communications, and electrical distribution. Project will provide conduit for intrusion detection system. Mechanical utilities include storm sewer piping and manholes. Paving and site improvements include concrete pavement, topsoil and seeding. Environmental mitigation for wetlands is</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009								
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA			4. Project Title Ordnance Magazines									
5. Program Element 0216496M	6. Category Code 42122	7. Project Number P146	8. Project Cost (\$000) 12,360									
<p>also included.</p> <p>Sustainable design principles will be included in the design and construction for the project in accordance with the Energy Policy Act of 2005.</p>												
<p><b>11. Requirement:</b>     <u>1,082 m2</u>   <b>Adequate:</b>     <u>0 m2</u>   <b>Substandard:</b>     <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Provide six earth covered magazines for storage of Class/Division (C/D) 1.1-1.4 Ammunition and explosives.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>To improve safety and eliminate Department of Defense Explosive Safety Board (DDESB) exemption and to relocate ordnance out of an ammunition and explosive prohibited area located within approach and departure zones of Runway 14/32, currently in violation of Navy policy. Project will also eliminate incompatible storage of mixed ammunition and provide a safe and more efficient working environment.</p> <p><b>CURRENT SITUATION:</b></p> <p>The ground contingency ammunition is presently stored in Magazines 1267, 1268, 1270, and 1273 located in the Ammunition and Explosives prohibited area. All items within these magazines are stored in a mixed compatibility status authorized by Naval Ordnance Safety and Security Activity (NOSSA) to support rapid response forces. CNO and NOSSA have issued special authorizations allowing storage of assets in the prohibitive area due to the lack of available storage space. NOSSA recommendations for approval of the exemption are dependent on Military Construction projects being developed to correct the restricted area storage violation.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>MCAS Cherry Point will be required by DDESB to either discontinue use of R/W 14/32, or remove all ordnance from the existing magazines. The closure of Runway 14/32, which is a designated instrument runway, would increase the complexity of aircraft controlling factors and require extensive overflight of city zoned residential areas.</p>												
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>03/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>0%</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	08/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	03/2009	(D) Percent completed as of September 2008	0%
(A) Date design or Parametric Cost Estimate started	08/2008											
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009											
(C) Date design completed	03/2009											
(D) Percent completed as of September 2008	0%											

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA			4. Project Title Ordnance Magazines	
5. Program Element 0216496M	6. Category Code 42122	7. Project Number P146	8. Project Cost (\$000) 12,360	
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				MCAS Cherry Point - P075
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$175
(B) All other design costs				\$125
(C) Total				\$300
(D) Contract				\$250
(E) In-house				\$50
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				07/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Intrusion Detection System	O&MMC	2011	200	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Frazier, Gerald			Phone No: 252-466-4771	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00146 MCAS CHERRY POINT NC CHERRY POINT, NORTH CAROLINA			4. Project Title Ordnance Magazines	
5. Program Element 0216496M	6. Category Code 42122	7. Project Number P146	8. Project Cost (\$000) 12,360	
<b>Blank Page</b>				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: N32411 NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND				4. Command Commander Navy Installations Command		5. Area Const Cost Index 1.04					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		935	1001	3266	176	610	0	258	138	0	6384
B. End FY 2013		1257	815	3266	176	710	0	300	102	0	6626
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(1400 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....										2,179,329	
C. AUTHORIZATION NOT YET IN INVENTORY .....										15,490	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										45,803	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										21,899	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										65,516	
G. REMAINING DEFICIENCY .....										169,347	
<b>H. GRAND TOTAL .....</b>										<b>2,497,384</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
72117	Officer Training Command Quarters	09/2008	12/2009	11026 m2	45,803						
TOTAL										45,803	
9. Future Projects:											
A. Included In The Following Program:											
31710 Electromagnetic Sensor Facility				5047 m2		21,899					
TOTAL										21,899	
B. Major Planned Next Three Years:											
72117 Berthing For OTC Students				45,022							
31520 SUBMARINE PAYLOADS INTEGRATION LABORATORY				10,843							
72123 Improvements to Bldg. 1269-SEA				9,651							
TOTAL										65,516	
C. R&M Unfunded Requirement (\$000):										650,090	
10. Mission or Major Functions:											
To maintain and operate facilities and provide services and material to support operations for tenant activities, supported activities and visiting fleet units, and to provide such other functions and tasks as may be directed by higher authority.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N32411 NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.04

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N32411 NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND			4. Project Title Officer Training Command (OTC) Quarters	
5. Program Element 0203276N	6. Category Code 72117	7. Project Number P451	8. Project Cost (\$000) 45,803	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
OFFICER TRAINING COMMAND (OTC) QUARTERS (118,682 SF)	m2	11,025.93		30,990
ADMIN / SUPPORT SPACE (6,138 SF)	m2	570.23	2,905	(1,660)
BERTHING SPACE (112,544 SF)	m2	10,455.7	2,488	(26,010)
ANTI-TERRORISM/FORCE PROTECTION	LS			(710)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,350)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(420)
BUILT-IN EQUIPMENT	LS			(450)
INFORMATION SYSTEMS	LS			(390)
SUPPORTING FACILITIES				8,860
ELECTRICAL UTILITIES	LS			(880)
MECHANICAL UTILITIES	LS			(1,300)
PAVING AND SITE IMPROVEMENTS	LS			(2,020)
SITE PREPARATIONS	LS			(440)
DEMOLITION	LS			(4,220)
SUBTOTAL				39,850
CONTINGENCY (5%)				1,990
TOTAL CONTRACT COST				41,840
SIOH (5.7%)				2,380
SUBTOTAL				44,220
DESIGN/BUILD - DESIGN COST				1,590
TOTAL REQUEST ROUNDED				45,810
TOTAL REQUEST				45,803
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,391)
<b>10. Description of Proposed Construction:</b>				
Primary Facility: Construct a new "high rise" multi-story, structural steel framed building with double loaded corridors, concrete foundation, brick exterior facade, concrete filled metal deck floors, and insulated metal roof deck with synthetic rubber roofing. The new building will contain 116 "2+2" modules to berth 464 Officer Training Command (OTC) students, and required common areas including circulation and corridors,				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32411 NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND			4. Project Title Officer Training Command (OTC) Quarters	
5. Program Element 0203276N	6. Category Code 72117	7. Project Number P451	8. Project Cost (\$000) 45,803	
<p>stairs, laundry facilities, and building utility rooms. Other common building areas include administrative space, multi-purpose space, vending area, storage, and janitorial closets. Berthing support spaces include a linen sorting and storage room and a loading dock. The new building will also contain training support/ administrative space for OTC command and administration support. The facility will include utility and mechanical systems, fire suppression systems, elevator, telephone, and local area network hook-ups, cable TV and information systems.</p> <p>Supporting Facilities: Include site work, utilities, vehicle parking, landscaping, and Anti-Terrorism/Force Protection (AT/FP) including progressive collapse.</p> <p>A paved marching area for use by OTC personnel will be constructed as part of this project. The project will relocate the above ground magazine area (Building 1287). The facility will be constructed to seismic standards. The project will conform to anti-terrorism/force protection standards and follow leadership in energy and environmental design and Federal Energy Acts compliance criteria for design, development, and construction of the project. Operation and maintenance support information will be provided. This project will also completely demolish Nimitz Hall (Building Number 197; 13,285 square meters; 143,004 square feet; and provide site grading, loam and seed to restore the site.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<p><b>11. Requirement:</b> <u>11,026 m2</u> <b>Adequate:</b> <b>Substandard:</b></p> <p><b>PROJECT:</b></p> <p>Replace the current inadequate portion of Building #197 that currently houses students and provide other berthing to students assigned to attend OTC Newport schools.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>To provide adequate facilities for 464 OTC personnel at the current "2+2" module standard and provide administrative space for command and support staff.</p> <p>A primary mission at Naval Station Newport is to support the tenant commands in the Newport, Rhode Island area. One of its major functions is</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32411 NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND			4. Project Title Officer Training Command (OTC) Quarters	
5. Program Element 0203276N	6. Category Code 72117	7. Project Number P451	8. Project Cost (\$000) 45,803	
<p>to provide adequate living quarters up to current standards for the personnel assigned to the Newport area schools. Project will eliminate gang heads and will allow the OTC students to be housed as one unit within the same campus.</p> <p>Building #197, constructed in 1964, currently houses the students attending the 10 month school of Seamen to Admiral-21 (STA-21). A portion of the training and education at this school requires that the students be available for evening classes and that they maintain military discipline. As such, students must be berthed together with their classmates.</p> <p><b>CURRENT SITUATION:</b></p> <p>The current facility is in poor condition. It has central heads and two students share each 13.75 M2 room. Attempts to improve the conditions of these occupants have been limited to cosmetics due to the cost of reconfiguring the building's core structure. The current facilities cannot be economically altered to meet current standards. This includes upgrading the electrical system to safely carry increased electrical loads caused by the use of individual personal computers to help in their education process. The 43 plus year old building is deteriorated, especially the plumbing and heating systems. Constant repairs are required to keep the heads in operable condition. The existing facility lacks air conditioning, the roof is leaking (requiring the relocations of students from their rooms) and the facility does not meet AT/FP criteria.</p> <p>The students attending STA-21 are future Naval officers. The STA-21 students attend Reserve Officer Training Command (ROTC) at various colleges throughout the nation. The impressions made on the students during their stay in these facilities have a long-term effect. Therefore, modern facilities with current amenities are a strong recruiting and retention tool.</p> <p>In addition to the berthing spaces, the Naval Academy Prep School has training and athletic support spaces located in Building #197. These spaces will be relocated elsewhere on base and are not included as part of this project.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Failure to provide adequate housing for aspiring officers will reduce their quality of life, which seriously undermines morale, productivity, and career retention. Newport will continue to house officer ascension students in a building that is over 44 years of age and does not meet</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32411 NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND			4. Project Title Officer Training Command (OTC) Quarters	
5. Program Element 0203276N	6. Category Code 72117	7. Project Number P451	8. Project Cost (\$000) 45,803	
current minimum space requirements per student. The Navy's goal to transition all bachelor housing to meet the current standards will not be realized. Off-base housing of these students is impractical due to the requirement that they must be housed together for their structured living and be located near support facilities like the school, library and dining facilities.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				02/2009
(C) Date design completed				12/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				30%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				N/A
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$650
(B) All other design costs				\$250
(C) Total				\$900
(D) Contract				\$750
(E) In-house				\$150
4. Contract award:				04/2010
5. Construction start:				06/2010
6. Construction complete:				10/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Room Furnishings	OPN	2010	1,391	
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32411 NAVAL STATION NEWPORT RI NEWPORT, RHODE ISLAND			4. Project Title Officer Training Command (OTC) Quarters	
5. Program Element 0203276N	6. Category Code 72117	7. Project Number P451	8. Project Cost (\$000) 45,803	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009				
3. Installation and Location: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.04					
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	A. As Of 09-30-08	86	612	672	78	30	16	282	2871	347	4994
B. End FY 2013	63	614	672	78	30	16	304	3033	383	5193	
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(6483 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....										1,222,686	
C. AUTHORIZATION NOT YET IN INVENTORY .....										14,970	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										1,280	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										127,467	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										70,450	
G. REMAINING DEFICIENCY .....										149,660	
<b>H. GRAND TOTAL .....</b>										<b>1,586,513</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
12110	Wide Body Aircraft Fuel Lane	09/2008	04/2009	4905 m2	1,280						
						TOTAL	1,280				
9. Future Projects:											
A. Included In The Following Program:											
21860	Ground Support Equipment Shop					8,390					
91110	ACUIZ Land Acquisition, Phase 2					590 AC	17,450				
11125	Vertical Landing Pads for F-35B					8 EA	17,735				
21106	Hangar Modifications for F-35B, FRS-2					3100 m2	9,260				
14182	Pilot Training Center Academic Facility					6549 m2	29,853				
11110	F-35B Airfield Pavement Modifications					70494 m2	41,342				
14187	Cryogenics Facility						3,437				
						TOTAL	127,467				
B. Major Planned Next Three Years:											
74044	Physical Fitness Center, Beaufort					14,430					
11320	Vertical Landing Pads					3,910					
61010	SCIF's					2,870					
17120	Training Center					24,370					
91110	Townsend Land Acquisition					24,870					
						TOTAL	70,450				
C. R&M Unfunded Requirement (\$000):										7,600	
10. Mission or Major Functions:											
To administer assigned personnel, maintain and operate facilities, and provide services and material to support operations of a Marine aircraft group and other activities and units designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.04
A. Pollution Abatement(*):		0
B. Occupational Safety and Health(OSH)(#):		0

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA			4. Project Title Widebody Aircraft Fuel Lane	
5. Program Element 0216496M	6. Category Code 12110	7. Project Number P441	8. Project Cost (\$000) 1,280	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WIDEBODY AIRCRAFT FUEL LANE (52,794 SF)	m2	4,904.7		790
WIDE BODY A/C FUEL LANE (52,794 SF)	m2	4,904.7	158.54	(780)
SPECIAL COSTS	LS			(10)
SUPPORTING FACILITIES				320
ELECTRICAL UTILITIES	LS			(80)
PAVING AND SITE IMPROVEMENTS	LS			(60)
DEMOLITION	LS			(180)
SUBTOTAL				1,110
CONTINGENCY (5%)				60
TOTAL CONTRACT COST				1,170
SIOH (5.7%)				70
SUBTOTAL				1,240
DESIGN/BUILD - DESIGN COST				40
TOTAL REQUEST ROUNDED				1,280
TOTAL REQUEST				1,280
<b>10. Description of Proposed Construction:</b>				
<p>This project demolishes inadequate aircraft apron pavement and constructs a new concrete aircraft apron. The new lane will accommodate larger aircraft. The widening of the pavement will significantly improve operating logistics and increase the number of airplanes able to be fueled at one time for deployment and safety.</p>				
<b>11. Requirement:</b> <u>4,905 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
<p>Construct an addition wide body taxi lane at the west fuel pits to allow wide body aircraft to enter the fuel pit area without maneuvering around parked F/A-18 aircraft. The new lane will allow large aircraft to enter and leave the fuel pit area without impacting the other aircraft on the apron and without blocking the 05-23 Taxiway during the refueling process.</p> <p><b>(Current Mission)</b></p>				
<b>REQUIREMENT:</b>				
<p>Permanent and visiting wide body aircraft have a mission essential requirement to fuel in a controlled environment. One wide body fuel lane is required at each fuel dispensing site.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA			4. Project Title Widebody Aircraft Fuel Lane	
5. Program Element 0216496M	6. Category Code 12110	7. Project Number P441	8. Project Cost (\$000) 1,280	
<b>CURRENT SITUATION:</b> Adequate refueling sites are available for the permanent and visiting wide body aircraft, however, the aircraft are too large to refuel in the current arrangement without blocking the adjacent taxiway.				
<b>IMPACT IF NOT PROVIDED:</b> Wide body aircraft will continue to block taxi lanes while fueling without the benefit of a dedicated fuel lane. Safety will be impacted, and traffic concerns will affect the mission of launching aircraft in a timely manner.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				04/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$40
(B) All other design costs				\$10
(C) Total				\$50
(D) Contract				\$50
(E) In-house				\$0
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				01/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA			4. Project Title Widebody Aircraft Fuel Lane	
5. Program Element 0216496M	6. Category Code 12110	7. Project Number P441	8. Project Cost (\$000) 1,280	
Activity POC: Owen Webb		Phone No: 843-228-7131		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA		4. Project Title Widebody Aircraft Fuel Lane	
5. Program Element 0216496M	6. Category Code 12110	7. Project Number P441	8. Project Cost (\$000) 1,280
<b>Blank Page</b>			

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: M00263 MCRD/BEAUFORT PI SC PARRIS ISLAND, SOUTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.04					
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		96	466	611	2	11724	0	194	1927	184	15204
B. End FY 2013		96	466	611	2	11724	0	194	1927	184	15204
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(8080 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											1,303,277
C. AUTHORIZATION NOT YET IN INVENTORY .....											0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											6,972
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											59,460
G. REMAINING DEFICIENCY .....											173,199
<b>H. GRAND TOTAL .....</b>											<b>1,542,908</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
81320	Electrical Substation Improvements	10/2008	06/2009	0 LS	6,972						
TOTAL										6,972	
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
72115 Weapons & Field Training Recruit Barracks											42,950
17120 All Weather Training Facility Addition											8,630
72115 Weapons & Field Training Recruit Barracks											7,880
TOTAL										59,460	
C. R&M Unfunded Requirement (\$000):											47,500
10. Mission or Major Functions:											
To provide reception, processing and recruit training for enlisted personnel upon their entry into the Marine Corps; to provide recruits with battle skills training; to provide schools to train enlisted personnel in the administrative duties of first sergeant, sergeant major and administrative chief, drill instructors, and drum and bugle corps members, and conduct other schools as directed; to conduct reserve training as directed; to conduct rifle marksmanship training for Marine officers and enlisted personnel in the southeastern area, and for personnel of other services, as requested.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M00263 MCRD/BEAUFORT PI SC PARRIS ISLAND, SOUTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.04

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00263 MCRD/BEAUFORT PI SC PARRIS ISLAND, SOUTH CAROLINA			4. Project Title Electrical Substation Improvements	
5. Program Element 0805796M	6. Category Code 81320	7. Project Number P360	8. Project Cost (\$000) 6,972	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ELECTRICAL SUBSTATION IMPROVEMENTS	LS			4,090
ELECTRICAL SUBSTATION-ONE 10,500 KVA TRANSFORMER	EA	1	2,119,073.87	(2,120)
RELOCATE ELEC SUBSTATION-ONE 10,500KVA TRANSFORMER	EA	1	635,722.16	(640)
DOUBLE-ENDED SWITCHGEAR STATION	EA	1	656,065.22	(660)
UNDERGROUND ELECTRICAL DIST LINES (2,034 LF)	m	620	531.89	(330)
OVERHEAD ELECTRICAL LINES (2,559 LF)	m	780	314.76	(250)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(30)
SPECIAL COSTS	LS			(60)
SUPPORTING FACILITIES				1,980
SPECIAL FOUNDATION FEATURES	LS			(130)
ELECTRICAL UTILITIES	LS			(1,040)
PAVING AND SITE IMPROVEMENTS	LS			(210)
SITE PREPARATIONS	LS			(40)
DEMOLITION	LS			(210)
ANTI-TERRORISM/FORCE PROTECTION	LS			(110)
ELECTRONIC MONITORING AND CONTROLS	LS			(240)
SUBTOTAL				6,070
CONTINGENCY (5%)				300
TOTAL CONTRACT COST				6,370
SIOH (5.7%)				360
SUBTOTAL				6,730
DESIGN/BUILD - DESIGN COST				240
TOTAL REQUEST ROUNDED				6,970
TOTAL REQUEST				6,972
<b>10. Description of Proposed Construction:</b>				
Provide a new electrical substation with two 10,500 kva transformers in a secure compound. One 10,500 kva transformer and associated equipment will				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00263 MCRD/BEAUFORT PI SC PARRIS ISLAND, SOUTH CAROLINA			4. Project Title Electrical Substation Improvements	
5. Program Element 0805796M	6. Category Code 81320	7. Project Number P360	8. Project Cost (\$000) 6,972	
<p>Furthermore, the existing electrical substation compound is currently in a space that does not allow for expansion, is not adequate in size for all the new power systems, and it is located adjacent to the main incoming road which will be expanded in the near future. To enhance AT/FP security of the electrical power, the new sub station, with associated switchgear station systems, will be located near the existing incoming power lines in a remote area. New electrical distribution lines will connect the existing electrical distribution system to the new electrical substation and switchgear station location.</p> <p><b>CURRENT SITUATION:</b></p> <p>Currently, during the summer months, MCRD PI requires more electrical power to perform the mission than the available electrical power being supplied by the utility company. The increase in electrical power requirements during the summer months is due primarily to the air conditioning electrical load. Over the past 6-8 years, significant new facilities have been added to the electrical power grid for MCRD PI and this has resulted in the electrical load being close to the maximum electrical capacity.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If the new substation with an additional 10,500 kva transformer is not provided, the command will be required to shut down or restrict electrical power to numerous facilities. In some cases, only minimum electrical power will be provided such as lights, safety items, and other limited items. This will result in an extreme impact to training.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				10/2008
(B) Date 35% Design or Parametric Cost Estimate complete				04/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$190
(B) All other design costs				\$60
(C) Total				\$250
(D) Contract				\$230

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00263 MCRD/BEAUFORT PI SC PARRIS ISLAND, SOUTH CAROLINA			4. Project Title Electrical Substation Improvements	
5. Program Element 0805796M	6. Category Code 81320	7. Project Number P360	8. Project Cost (\$000) 6,972	
(E) In-house				\$20
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				04/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Philip Pearl			Phone No: DSN 335-4831	

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N00216 NAS CORPUS CHRISTI TX CORPUS CHRISTI, TEXAS					4. Command Commander Navy Installations Command			5. Area Const Cost Index .86			
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		1341	3095	546	0	86	0	53	111	0	5232
B. End FY 2013		1070	734	546	0	0	0	47	92	0	2489
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(4575 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											1,661,200
C. AUTHORIZATION NOT YET IN INVENTORY .....											14,290
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											19,764
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											23,077
G. REMAINING DEFICIENCY .....											75,799
<b>H. GRAND TOTAL .....</b>											<b>1,794,130</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
14170	Operational Facilities For T-6	09/2007	09/2009	0 LS	19,764						
TOTAL											19,764
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
61010 CNATRA Headquarters											15,078
74067 Conference Center											3,735
61010 NAS CC Headquarters											4,264
TOTAL											23,077
C. R&M Unfunded Requirement (\$000):											324,482
10. Mission or Major Functions:											
Maintain and operate facilities and provide service and material to support operations of aviation facilities and units of the Naval Air Training Command and other tenant activities and units.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N00216 NAS CORPUS CHRISTI TX CORPUS CHRISTI, TEXAS	4. Command Commander Navy Installations Command	5. Area Const Cost Index .86

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00216 NAS CORPUS CHRISTI TX CORPUS CHRISTI, TEXAS			4. Project Title Operational Facilities for T-6	
5. Program Element 0212176N	6. Category Code 14170	7. Project Number P437	8. Project Cost (\$000) 19,764	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
OPERATIONAL FACILITIES FOR T-6	LS			14,710
FIRE STATION/CRASH CREW (7,986 SF)	m2	741.89	2,684.63	(1,990)
RUNWAY LIGHTING (16,004 LF)	m	4,878.05	456.73	(2,230)
RUNWAY REPAIR (2,400,008 SF)	m2	222,968	32.8	(7,310)
LAND ACQ (1,136 AC)	ha	459.73	5,890.47	(2,710)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
LEED AND EPACT 2005 COMPLIANCE	LS			(170)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(60)
BUILT-IN EQUIPMENT	LS			(80)
SPECIAL COSTS	LS			(100)
SUPPORTING FACILITIES				2,470
ELECTRICAL UTILITIES	LS			(200)
MECHANICAL UTILITIES	LS			(70)
PAVING AND SITE IMPROVEMENTS	LS			(1,650)
DEMOLITION	LS			(160)
APPRAISAL/SURVEY/TITLE	LS			(80)
RENOVATION	LS			(130)
FIRE PROTECTION	LS			(180)
SUBTOTAL				17,180
CONTINGENCY (5%)				860
TOTAL CONTRACT COST				18,040
SIOH (5.7%)				1,030
SUBTOTAL				19,070
DESIGN/BUILD - DESIGN COST				690
TOTAL REQUEST ROUNDED				19,760
TOTAL REQUEST				19,764
<b>10. Description of Proposed Construction:</b>				
Construct a single story fire station/crash crew facility with reinforced masonry, standing seam metal roof. The facility has three apparatus bays, an office, storage/laundry room, dayroom/galley, restroom/shower, fitness room, bunkrooms and pilot lounge. It includes heating and air conditioning				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00216 NAS CORPUS CHRISTI TX CORPUS CHRISTI, TEXAS			4. Project Title Operational Facilities for T-6	
5. Program Element 0212176N	6. Category Code 14170	7. Project Number P437	8. Project Cost (\$000) 19,764	
<p>outlying fields in South Texas. It was determined that Goliad County Airport (at one time Navy owned, closed due to BRAC) was the best outlying field for the T-6 primary pilot training operations. Currently the airport is owned by Goliad County and needs to be purchased for sole use of the Navy.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The T-6 is scheduled to arrive in 2012 and if Goliad County Airport improvements are not funded, there will be a significant impact to the primary training program at NAS Corpus Christi. NALF Waldron runways would have to be extended through a land purchase, city streets re-routed, and new construction of a runway extension, yet the existing encroachment and air space congestion issues would continue to impact primary pilot training operations.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2007
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				10%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$350
(B) All other design costs				\$60
(C) Total				\$410
(D) Contract				\$110
(E) In-house				\$300
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				05/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.				



1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N61414 NAVPHIBASE LITTLE CREEK VA NORFOLK, VIRGINIA					4. Command Commander Navy Installations Command			5. Area Const Cost Index .97			
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		1450	8798	1474	0	483	0	198	455	0	12858
B. End FY 2013		1588	8852	1623	0	518	0	198	455	0	13234
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(2372 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											1,521,769
C. AUTHORIZATION NOT YET IN INVENTORY .....											35,674
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											13,095
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											48,580
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											81,234
G. REMAINING DEFICIENCY .....											331,593
<b>H. GRAND TOTAL .....</b>											<b>2,031,945</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
14365	Naval Construction Div Operations Facility	10/2008	08/2009		2632 m2	13,095					
						TOTAL	13,095				
9. Future Projects:											
A. Included In The Following Program:											
14323 EOD Consolidated Ops And Logistics Facility							0 LS	48,580			
						TOTAL	48,580				
B. Major Planned Next Three Years:											
13165 Naval Network Warfare Command Complex							61,926				
14341 Mobile Diving Salvage Unit Operations							13,494				
74074 Child Development Center Addition							5,814				
						TOTAL	81,234				
C. R&M Unfunded Requirement (\$000):											341,622
10. Mission or Major Functions:											
Serves as the east coast operational base for amphibious ships and units of the Atlantic Fleet Surface Force. Furnish homeport berthing, training, maintenance, personnel and support services. Support annual training exercises. Support amphibious assault ships, amphibious construction battalion, Special Warfare Group Two, Amphibious School Beach Group Two, Service Squadron Eight, Explosive Ordnance Disposal Group Two.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N61414 NAVPHIBASE LITTLE CREEK VA NORFOLK, VIRGINIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .97

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61414 NAVPHIBASE LITTLE CREEK VA NORFOLK, VIRGINIA			4. Project Title Naval Construction Div Operations Facility	
5. Program Element 0203176N	6. Category Code 14365	7. Project Number P851	8. Project Cost (\$000) 13,095	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
NAVAL CONSTRUCTION DIV OPERATIONS FACILITY (28,331 SF)	m2	2,632		8,950
OPERATIONS CONTROL FACILITY (28,331 SF)	m2	2,632	2,864	(7,540)
ANTI-TERRORISM/FORCE PROTECTION	LS			(110)
LEED AND EPACT 2005 COMPLIANCE	LS			(350)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(110)
BUILT-IN EQUIPMENT	LS			(660)
INFORMATION SYSTEMS	LS			(180)
SUPPORTING FACILITIES				2,840
SPECIAL FOUNDATION FEATURES	LS			(580)
ELECTRICAL UTILITIES	LS			(940)
MECHANICAL UTILITIES	LS			(140)
PAVING AND SITE IMPROVEMENTS	LS			(640)
SITE PREPARATIONS	LS			(190)
DEMOLITION	LS			(350)
SUBTOTAL				11,790
CONTINGENCY (5%)				590
TOTAL CONTRACT COST				12,380
SIOH (5.7%)				710
SUBTOTAL				13,090
TOTAL REQUEST ROUNDED				13,090
TOTAL REQUEST				13,095
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,481)
<b>10. Description of Proposed Construction:</b>				
The Using Activity for this project is planned to be: FIRST NAVAL CONSTRUCTION DIVISION.				
Primary Facility: Construct a multi-story 2,632m2 (28,331sf) building with a reinforced concrete slab on pile foundation. Construction includes a modular Command Operations Center (COC) with modular planning cells and secure conference areas; tactical equipment and material storage space; Secret Internet Protocol Router Network, Sensitive Compartmented				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61414 NAVPHIBASE LITTLE CREEK VA NORFOLK, VIRGINIA			4. Project Title Naval Construction Div Operations Facility	
5. Program Element 0203176N	6. Category Code 14365	7. Project Number P851	8. Project Cost (\$000) 13,095	
<p>Information Facility, data processing areas; administrative areas, freight/passenger elevator; and entrance canopy. The building construction includes uninterruptible power supply system, emergency generator, library shelving, and raised computer floors, fire alarms, exterior site and building lighting, information systems, telephone, heating, ventilation, air conditioning, sprinkler system, including detection and suppression under the computer floor.</p> <p>Supporting Facilities: Work includes site work and utility connections. Paving and site improvements include parking, modification to existing roads, new driveways, sidewalks, earthwork, storm water management, grading and landscaping. Also includes operation and maintenance support information, Anti-Terrorism/Force Protection (AT/FP) features, demolition of existing facilities, and environmental mitigation. Project will demolish Building #3006 - 1972m2.</p> <p>Project will meet the Uniform Federal Accessibility Standards for accessibility and use by the physically challenged. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>5,197 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project constructs a new Operations Control Facility for Commander, First Naval Construction Division (COMFIRSTNCD) at Naval Amphibious Base Little Creek, Norfolk, Virginia. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Provide an operations control facility to support COMFIRSTNCD, NAB Little Creek, Virginia for approximately 151 headquarters personnel. The current facility is condemned. COMFIRSTNCD is the operational and administrative commander for seven Naval Construction Regiments and two SEABEE Readiness Groups that include approximately 18,000 active duty and reserve Navy SEABEES. The command provides global command and control for an integrated active/reserve force, fully engaged in Overseas Contingency Operations and Theater Security Cooperation, Homeland Security/Homeland Defense, and Major Combat Operations presence, planning, and support. The regiments command and control: Naval Mobile Construction Battalions, Underwater Construction Teams, Construction Battalion Maintenance Units, and a Naval Construction Force Support Unit. Navy SEABEES deploy around the world to provide				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61414 NAVPHIBASE LITTLE CREEK VA NORFOLK, VIRGINIA			4. Project Title Naval Construction Div Operations Facility	
5. Program Element 0203176N	6. Category Code 14365	7. Project Number P851	8. Project Cost (\$000) 13,095	
<p>contingency construction support for engaged U.S. forces as well as humanitarian assistance and disaster relief missions. These widespread, sometimes remote, and often short-fused missions require a state of the art, consolidated, and efficiently configured operations control facility to direct the command, control, and communications operations in support of SEABEES worldwide.</p>				
<p><b>CURRENT SITUATION:</b></p>				
<p>COMFIRSTNCD is located in Building #3006 at Naval Amphibious Base, Little Creek. Building #3006 was built in 1943 as a barracks and is a two story, woodframe temporary structure with a stucco exterior added at a later date. The facility was configured as a barracks with narrow halls, seven foot high ceilings, closely-spaced columns due to wood-frame construction, and small rooms with awkward doorway locations. The age of the building and the nature of temporary construction contribute to its current deteriorated state. Building #3006 is inefficient for secure communications and modern open-office space utilization, and does not permit the installation of an adequate COC. The facility has been damaged by termites and wood rot; as a result, the building has been condemned. In February 2008 an audit of the facility determined that it must be vacated and demolished due to extensive deterioration. Leased trailers are currently being used to accommodate a command staff that has grown in support of the full stand up of the Division in 2006; additional leased trailers will be required to support the continuing operations until the MILCON can be completed. The facility is not in compliance with Department of Defense AT/FP construction and standoff requirements. The facility also does not meet most of the requirements of Uniform Federal Accessibility Standards for disabled workers. Therefore, demolition of Building #3006 and relocation of the operation to a new facility is the best alternative.</p>				
<p><b>IMPACT IF NOT PROVIDED:</b></p>				
<p>COMFIRSTNCD headquarters personnel will continue to work in inadequate and substandard spaces which negatively impact their ability to efficiently, effectively, and securely command and control SEABEE commands and detachments worldwide. As the building continues to deteriorate, the warped and weakened floors will continue to be a safety hazard. COMFIRSTNCD will continue to have difficulty in meeting operational requirements with resultant delays in support to deployed units. The Navy will be required to use additional leased relocatable facilities to meet their operational requirements and spend maintenance and repair money on a temporary, dilapidated, inadequate structure. The adverse risk to personnel and mission will continue if the command remains in the current facility.</p>				
<p><b>12. Supplemental Data:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61414 NAVPHIBASE LITTLE CREEK VA NORFOLK, VIRGINIA			4. Project Title Naval Construction Div Operations Facility	
5. Program Element 0203176N	6. Category Code 14365	7. Project Number P851	8. Project Cost (\$000) 13,095	
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				10/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract			Design Bid Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$650
(B) All other design costs				\$250
(C) Total				\$900
(D) Contract				\$100
(E) In-house				\$800
4. Contract award:				12/2009
5. Construction start:				02/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment - Furniture		OMN	2011	1,096
Electronics Suite for Operations Center		OPN	2011	1,000
NMCI		OMN	2011	85
Physical Security Equipment		OPN	2011	300
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Brian W Brown		Phone No: 757-462-4733 x397		

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 11 MAY 2009				
3. Installation and Location: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA				4. Command Commander Navy Installations Command		5. Area Const Cost Index .97					
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT		TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		4626	43573	10543	0	0	0	666	691	0	60099
B. End FY 2013		4456	40390	10145	0	0	0	666	691	0	56348
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(3686 Acres)											
B. INVENTORY AS OF 30 SEP 2008 ..... 4,244,803											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 80,767											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 18,139											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 10,429											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 159,628											
G. REMAINING DEFICIENCY ..... 747,672											
H. <b>GRAND TOTAL</b> ..... <b>5,261,438</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
17135	E-2D Training Facilities	04/2008	04/2009	1987 m2	11,737						
21107	E-2D Facility Upgrades for E-2D Program	06/2007	09/2009	1360 m2	6,402						
					TOTAL					18,139	
9. Future Projects:											
A. Included In The Following Program:											
15120 Pier 1 Upgrades to Berth USNS Comfort						0 LS			10,429		
					TOTAL					10,429	
B. Major Planned Next Three Years:											
72111 Bachelor Quarters, Homeport Ashore										59,337	
15120 Pier 4 Recapitalization										92,055	
42172 Chambers Field magazine Recap Ph 1										8,236	
					TOTAL					159,628	
C. R&M Unfunded Requirement (\$000): 1,411,551											
10. Mission or Major Functions:											
<p>Naval Station Norfolk functions as the primary operating base of the Atlantic Fleet. It provides port and airfield services, extensive facilities to support the many functions performed on the base, and the full range of services needed to enhance the quality of service and quality of life of military personnel and their families. Naval Station, Norfolk is homeport to over 80 ships, including five aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. It also maintains 15 fixed-wing and helicopter squadrons, a contract fleet readiness squadron, air cargo and air passenger terminals. In addition, the airfield hosts transport aircraft.</p>											
11. Outstanding Pollution and Safety Deficiencies (\$000):											

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .97
A. Pollution Abatement(*):		0
B. Occupational Safety and Health(OSH)(#):		0

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Training Facility	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P016	8. Project Cost (\$000) 11,737	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
E-2D TRAINING FACILITY (21,388 SF)	m2	1,987		7,350
OPERATIONAL TRAINER FACILITY (21,388 SF)	m2	1,987	2,697.98	(5,360)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
LEED AND EPACT 2005 COMPLIANCE	LS			(350)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(100)
BUILT-IN EQUIPMENT	LS			(1,010)
SPECIAL COSTS	LS			(120)
INFORMATION SYSTEMS	LS			(350)
SUPPORTING FACILITIES				2,850
SPECIAL FOUNDATION FEATURES	LS			(390)
ELECTRICAL UTILITIES	LS			(1,030)
MECHANICAL UTILITIES	LS			(620)
PAVING AND SITE IMPROVEMENTS	LS			(530)
SITE PREPARATIONS	LS			(120)
DEMOLITION	LS			(160)
SUBTOTAL				10,200
CONTINGENCY (5%)				510
TOTAL CONTRACT COST				10,710
SIOH (5.7%)				610
SUBTOTAL				11,320
DESIGN/BUILD - DESIGN COST				410
TOTAL REQUEST ROUNDED				11,730
TOTAL REQUEST				11,737
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(49,750)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a multi-story operational training building for the Advanced Hawkeye Fleet Replacement Squadron (FRS) and fleet squadrons home-based at Naval Station (NS) Norfolk. The Advanced Hawkeye, also referred to as the E-2D, is a new aircraft weapon system replacing the legacy E-2C Hawkeye. The building will include one Weapon System Trainer (WST), trainee area and pilot station, development area for operation of</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Training Facility	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P016	8. Project Cost (\$000) 11,737	
<p>the trainer, instructor/operator station, instructional area, space for maintenance/spare parts, briefing space, debriefing space, in-service engineering office support area, offices, meeting room, classrooms, and an all-hands conference room. Most of the building will be sensitive compartmented information facility rated.</p> <p>Building construction will include a pile foundation, pump room, fire pumps, fire protection system, raised floor system, exterior doors adequate to allow installation and maintenance of high bay trainer, windows that meet anti-terrorism/force protection requirements, electrical distribution, mechanical system, heating, ventilation and air conditioning system. The building will also include classified (SECRET) internet protocol router network, non-secured internet routing network, uninterrupted power supply, electronic security system, air combat online, and card reader/controlled access system. Project site requirements include: demolition of trees, water main, and storm drains; installation of new water main, storm drains, vehicle parking with lighting, and various pavements and road repairs.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>13,222 m2</u> <b>Adequate:</b> <u>9,989 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> Construct a trainer facility for one WST and all the support, training, instructional, and administrative facilities required by the training mission for the E-2D aircraft. <b>(New Mission)</b> <b>REQUIREMENT:</b> The mission of Carrier Airborne Early Warning Squadron 120 (VAW-120) is to train instructors, pilots and aircrew for the entire E-2C Hawkeye community. The E-2D is an Acquisition Category I, Major Defense Acquisition Program. It will replace the E-2C as the Navy's primary airborne Command, Control, Communications, Computers and Information platform in the fleet beginning in 2012.  Due to the classified nature of training associated with the E-2D, most of the trainer building will be sensitive compartmented information facility. The aircraft are scheduled to arrive at NS Norfolk beginning in FY 2010. Additional aircraft are scheduled to arrive in the subsequent years until seven E-2D squadrons are fully established.				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Training Facility	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P016	8. Project Cost (\$000) 11,737	
<p>In 2004, Chief Naval Operations directed the development of "A Fleet Aviation Simulator Training plan that maximizes the utility of simulator effectiveness." This plan invested flight hour training program money into procurement of more simulators, thereby replacing actual flight training with ground simulator training.</p> <p><b>CURRENT SITUATION:</b></p> <p>There is currently no trainer facility at NS Norfolk that meets the requirements for the E-2D to meet training throughput requirements beyond FY 2012 for the FRS and fleet squadrons. The facility is required to support at least one additional WST and the associated instructional and administrative spaces.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If this trainer facility is not ready to receive delivery of the WST in 2012 and the entire facility is not ready-for-training by FY 2012. FRS pilot and NFO throughput requirements will not be met resulting in severe aircrew shortages in the fleet. In turn these aircrew shortages will impact squadron readiness levels. Conducting this training in actual aircraft is not feasible due to the security levels associated with some E-2D operations. This training can not be waived without incurring unacceptable operational risk.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				04/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				04/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$275
(B) All other design costs				\$100
(C) Total				\$375
(D) Contract				\$125
(E) In-house				\$250
4. Contract award:				12/2009
5. Construction start:				03/2010

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Training Facility	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P016	8. Project Cost (\$000) 11,737	
6. Construction complete:				11/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Computer/office Equipment	OMN	2011	1,095	
Weapons System Trainer #2	APN	2011	48,655	
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Khoa Nguyen, P.E.		Phone No: 757-445-3145		

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009	
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Facility Upgrades for E-2D Program		
5. Program Element 0712876N	6. Category Code 21107	7. Project Number P838	8. Project Cost (\$000) 6,402		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
E-2D FACILITY UPGRADES FOR E-2D PROGRAM (14,639 SF)		m2	1,360		4,570
SCIF ADDITIONS TO HANGARS (14,639 SF)		m2	1,360	2,770.25	(3,770)
BUILDING SP-381 MODIFICATIONS		LS			(340)
ANTI-TERRORISM/FORCE PROTECTION		LS			(40)
LEED AND EPACT 2005 COMPLIANCE		LS			(130)
OPERATION & MAINTENANCE SUPP INFO (OMSI)		LS			(40)
SPECIAL COSTS		LS			(70)
INFORMATION SYSTEMS		LS			(180)
SUPPORTING FACILITIES					1,000
SPECIAL FOUNDATION FEATURES		LS			(150)
ELECTRICAL UTILITIES		LS			(260)
MECHANICAL UTILITIES		LS			(310)
PAVING AND SITE IMPROVEMENTS		LS			(130)
SITE PREPARATIONS		LS			(100)
DEMOLITION		LS			(50)
SUBTOTAL					5,570
CONTINGENCY (5%)					280
TOTAL CONTRACT COST					5,850
SIOH (5.7%)					330
SUBTOTAL					6,180
DESIGN/BUILD - DESIGN COST					220
TOTAL REQUEST ROUNDED					6,400
TOTAL REQUEST					6,402
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(835)
<b>10. Description of Proposed Construction:</b>					
Construct Sensitive Compartmented Information Facilities (SCIFs) outside the existing aircraft maintenance hangars LP-21, LP-27, and LP-34 at Naval Station (NS) Norfolk. Restriping of the existing aircraft parking aprons in front of the hangars will also be included. One SCIF will be located in an area just outside each hangar, and will serve the squadrons in the hangar,					

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Facility Upgrades for E-2D Program	
5. Program Element 0712876N	6. Category Code 21107	7. Project Number P838	8. Project Cost (\$000) 6,402	
<p>which are scheduled to operate and maintain the Advanced Hawkeye Weapons System, referred to as the E-2D system. Five Secret Internet Protocol Router Network connections and five Naval, Unclassified but Sensitive Internet Protocol Router Network connections are required for each SCIF. Each SCIF building will be approximately 4,880 square feet (453 square meters), and will include storage space, briefing/debriefing rooms, a mission planning room, and a shop area.</p> <p>This project also upgrades the electrical, mechanical, and fire protection systems at Building SP-381 to accommodate the maintenance trainers for the E-2D system. The upgrades will be necessary to provide increased capacities for handling the operations of the maintenance trainers (hydraulic, simulator, and power plant trainers). Electrical upgrades include adding circuit breakers, switches, panelboards, conduits, a step-down transformer, feeders, receptacles, and raising the existing light fixtures. Mechanical upgrades include additional air-conditioning load for ambient air in the simulator trainer lab. Fire protection upgrades are needed for the simulator trainer lab, and cover installation of an addressable smoke detection system, expansion of the existing sprinkler system, and installation of an emergency power off switch.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>18,859 m2</u> <b>Adequate:</b> <u>8,493 m2</u> <b>Substandard:</b>				
<b>PROJECT:</b> Construct SCIFs outside the existing aircraft maintenance hangars LP-21, LP-27 and LP-34. One SCIF will be located at each hangar for a total of three SCIFs. Each SCIF will serve two aviation squadrons. Each squadron will have the following separate spaces for the squadrons: storage and mission planning, a small office for two desks, and a 10-person briefing/debriefing room for mission planning. Common areas include a shop for the aviation electric and aviation electronics work, a control access point, interior corridor, and a large briefing/debriefing room for all air crews and the entire squadron.				
<b>(New Mission)</b>				
<b>REQUIREMENT:</b> Commander Airborne Early Warning Wing, Atlantic, based at NS Norfolk, is the home of Atlantic Fleet airborne early warning squadrons. The squadrons maintain and operate the E-2C Hawkeye. A new platform of the E-2 is being				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Facility Upgrades for E-2D Program	
5. Program Element 0712876N	6. Category Code 21107	7. Project Number P838	8. Project Cost (\$000) 6,402	
<p>introduced, the Advanced Hawkeye, or E-2D. The E-2Ds are all-weather, carrier- and ashore-based aircraft to support Navy requirements for airborne early warning and command and control directed against projected threats. Due to the nature of the maintenance and the security clearance associated with the E-2D, SCIFs are necessary and are approximately 4,880 square feet each. The aircraft are scheduled to arrive at NS Norfolk beginning in FY 2010. Three or four aircraft are scheduled to arrive every subsequent fiscal year for the next seven years until five E-2D squadrons are fully established.</p> <p>During the transition period, additional apron parking spaces will be necessary to accommodate the influx of the new aircraft. Restriping of the existing parking aprons in front of the hangars will be necessary.</p> <p><b>CURRENT SITUATION:</b> There are no existing SCIFs suitable for the E-2D Program at NS Norfolk.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If the SCIFs are not constructed, no SCIFs will be available for maintenance and flight operation instruction for the E-2D aircraft. Proper handling of sensitive information related to the E-2D operations will be compromised.</p> <p>Due to security requirements of the E-2D, operation of the E-2D is not possible without these SCIFs. Delaying this project will delay operational test and evaluation and initial operational capability of the E-2D, the transition and fleet introduction of the E-2D and retirement of the E-2C airframe.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				06/2007
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				Naval Air Station Oceana
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$500

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62688 NAVSTA NORFOLK VA NORFOLK, VIRGINIA			4. Project Title E-2D Facility Upgrades for E-2D Program	
5. Program Element 0712876N	6. Category Code 21107	7. Project Number P838	8. Project Cost (\$000) 6,402	
(B) All other design costs				\$100
(C) Total				\$600
(D) Contract				\$450
(E) In-house				\$150
4. Contract award:				03/2010
5. Construction start:				05/2010
6. Construction complete:				12/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Furniture/Safes/Vaults		OMN	2011	635
Physical Security Equipment		OPN	2010	200
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Jack Cox			Phone No: 757-445-3149	

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N32443 NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA				4. Command Commander Navy Installations Command			5. Area Const Cost Index .94				
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		197	1317	7721	0	0	0	193	2618	0	12046
B. End FY 2013		210	1499	7721	0	0	0	209	3337	0	12976
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(1305 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											2,320,433
C. AUTHORIZATION NOT YET IN INVENTORY .....											113,740
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											226,969
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											73,257
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											63,347
G. REMAINING DEFICIENCY .....											401,477
<b>H. GRAND TOTAL .....</b>											<b>3,199,223</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
15150	Ship Repair Pier Replacement	08/2008	01/2010	747 mB	226,969						
										TOTAL	226,969
9. Future Projects:											
A. Included In The Following Program:											
21365 Controlled Industrial Facility								52341 SF	73,257		
										TOTAL	73,257
B. Major Planned Next Three Years:											
21366 WATERFRONT SHIP SERVICES SHOP MODERNIZATION								24,878			
21370 CVN Maintenance Facility								38,469			
										TOTAL	63,347
C. R&M Unfunded Requirement (\$000):											889,986
10. Mission or Major Functions:											
Provide logistic support for assigned ships and service craft. Perform authorized work in connection with construction, conversion, overhaul, repair, alteration, dry docking, and outfitting of ships and craft, as assigned. Perform manufacturing, research, development and test work, as assigned. Perform services and material to other activities and units, as directed by competent authority.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N32443 NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA	4. Command Commander Navy Installations Command	5. Area Const Cost Index .94

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32443 NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title Ship Repair Pier Replacement	
5. Program Element 0203176N	6. Category Code 15150	7. Project Number P516	8. Project Cost (\$000) 226,969	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SHIP REPAIR PIER REPLACEMENT (2,451 FB)	mB	747		157,760
SUBSTRUCTURE (2,451 FB)	mB	747	133,290	(99,570)
EARTHWORK	LS			(15,110)
SUPERSTRUCTURE	LS			(14,370)
BERTH 25	LS			(4,520)
PRIMARY ELECTRICAL	LS			(18,720)
MOBILIZATION / DEMOBILIZATION	LS			(2,740)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(260)
SPECIAL COSTS	LS			(2,470)
SUPPORTING FACILITIES				46,740
ELECTRICAL UTILITIES	LS			(6,010)
MECHANICAL UTILITIES	LS			(7,490)
DEMOLITION	LS			(13,200)
DREDGING	LS			(14,410)
SPECIAL COST	LS			(5,630)
SUBTOTAL				204,500
CONTINGENCY (5%)				10,230
TOTAL CONTRACT COST				214,730
SIOH (5.7%)				12,240
SUBTOTAL				226,970
TOTAL REQUEST ROUNDED				226,970
TOTAL REQUEST				226,969
<b>10. Description of Proposed Construction:</b>				
<p>Construct a new ship repair pier that is 373.4 meters (1225 FT) in length and 70.1 meters (230 FT) in width. Replace the existing bulkhead with new low-level relieving platform with mechanical and electrical shore-tie stations. New pier will accommodate all current and future classes of ships including CVN, CVN21, LPD-17, LH series, and DD21. The new pier will also include a restroom at Pier 5 and a restroom at Pier 3, heavy weather mooring at Pier 5 and at Pier 3, replacement of the Pier 3 salt water pump station (1,324 SF) and 40 gauge portal crane rail track.</p> <p>Mobilization/demobilization is required for the large equipment staging.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32443 NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title Ship Repair Pier Replacement	
5. Program Element 0203176N	6. Category Code 15150	7. Project Number P516	8. Project Cost (\$000) 226,969	
<p>Site preparation will consist of dredging the area (Pier 3 to Pier 6) to a depth of 14.33 m + 0.6 m, (47' + 2').</p> <p>The utility system will include: mechanical systems (steam, low pressure compressed air, fresh water, salt water (including a salt water pump for fire protection, cooling, and flushing), storm water, sanitary sewer, and oily waste water collection), electrical systems (installation of underground 34.5 kV primary distribution at Pier 5, 13.8 kV and 4160 V secondary pier power and transformers with dual voltage switchgear at Pier 5 and Pier 3 and 480 V shore-tie and industrial power distribution system at Pier 5), pier fire alarm, utility control system, lighting, and communications (fiber optics lines for telephones, television, and local area networks).</p> <p>The project includes the environmental release of Piers 4 and 5. Since this project is located in the controlled industrial area, it costs more to do business. Typical business costs that increase cost to the project include nuclear and operation drills, time spent going through controlled industrial area security screening, vehicle inspections prior to entry and exit, time to comply with special work procedures, and accommodating restricted lay-down space. Demolish existing Piers 4 (609.6m2), Pier 5 (609.6m2), Berth 25 (88.4 m2), Berth 31 (97.6m2), Berth 37 (102.1m2) and Building #225 (300.3 m2).</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>4,450 FB</u> <b>Adequate:</b> <u>0 FB</u> <b>Substandard:</b> <u>2,000 FB</u>				
<b>PROJECT:</b> Construct a ship repair pier capable of full depot level maintenance and demolish existing berthing at Piers 4 and 5. The new repair pier will be strategically located at the center of the wetslip and will accommodate all current and future classes of ships.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Norfolk Naval Shipyard (NNSY) is the primary East Coast depot level maintenance and repair site for all classes of Navy ships. Depot level maintenance is material maintenance or repair requiring the overhaul, upgrading or rebuilding of CVNs, LHA/LHDs, and submarines. NNSY must be				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32443 NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title Ship Repair Pier Replacement	
5. Program Element 0203176N	6. Category Code 15150	7. Project Number P516	8. Project Cost (\$000) 226,969	
<p>capable of simultaneously berthing/drydocking four large deck ships and three submarines. This requirement is based on past history and future workload.</p> <p>NNSY is the nation's oldest shipyard, and as such, has an increasingly aging infrastructure. Piers 3, 4, 5, and 6 are beyond their useful life. Pier 3 has failed and is being replaced. The risk of catastrophic failure increases with time, therefore the delay of this pier could prevent NNSY from meeting its mission. NNSY has developed a plan to modernize its facilities. It is based on a workload developed from the NNSY projected ship repair schedule and associated future visioning for ship repair work projected out to FY 2020. One new requirement for the new class of aircraft carrier is an 34.5 KV upgraded electrical system which is included in the project and will be connected at the head of the pier. The workload involves the upgrades, repairs (scheduled and emergency), and improvements on CVNs, large deck amphibious assault ships, and submarines that are required to maintain the fleet during normal and wartime operations. The NNSY Waterfront Development Plan re-capitalizes vital shipyard repair piers and modernizes the only East Coast public CVN dry dock. This project is Phase 3 of the Waterfront Development Plan and is necessary to ensure fleet readiness.</p> <p>Another benefit of this project is the reduction in maintenance costs by reducing the waterfront infrastructure by one pier while at the same time transferring capability to the heart of the shipyard production area by allowing two carriers to be simultaneously docked at the new pier.</p> <p><b>CURRENT SITUATION:</b></p> <p>Piers 4 and 5 were built in the early 1900's. They have been used to repair all classes of naval vessels. Pier 4 and Pier 5 are extremely deteriorated. There are deteriorated fasteners and sinkhole development along the bulkhead. In addition, due to the existing layout of the NNSY waterfront, Pier 5 can only berth one carrier at a time. The current piers are inefficient and carriers can not be simultaneously berthed on each side. The infrastructure does not have the structural and utility system capacities to meet the current and future requirements for all classes of naval vessels. The lack of utility troughs increases the risk of a crane accident since temporary services are located on the pier and must cross over the crane rail. Mechanical and electrical utilities do not meet current code requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32443 NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title Ship Repair Pier Replacement	
5. Program Element 0203176N	6. Category Code 15150	7. Project Number P516	8. Project Cost (\$000) 226,969	
<p>The piers at Norfolk Naval Shipyard (NNSY) are beyond their useful life. Failure has already occurred at Pier 3, another shipyard repair pier with similar construction type and age at Norfolk Naval Shipyard. The risk of catastrophic failure of Piers 4 and 5 increases with time, therefore delaying re-capitalization could prevent NNSY's ability to execute the current and future workload. NNSY will not be able to support the full repair schedule of CVN/CVN21 if Piers 4 and 5 fail. Without these key waterfront structures, NNSY cannot meet its mission of ship repair and maintenance to keep the fleet safe, effective, and able to support the Fleet.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				01/2010
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract	Design Bid Build			
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$5,500
(B) All other design costs				\$3,000
(C) Total				\$8,500
(D) Contract				\$7,700
(E) In-house				\$800
4. Contract award:				05/2010
5. Construction start:				08/2010
6. Construction complete:				08/2013
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
<p>The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p>				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N32443 NSA NORFOLK NAVY SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title Ship Repair Pier Replacement	
5. Program Element 0203176N	6. Category Code 15150	7. Project Number P516	8. Project Cost (\$000) 226,969	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>									2. Date 11 MAY 2009	
3. Installation and Location: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA						4. Command Commandant of the Marine Corps			5. Area Const Cost Index 1.05		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	A. As Of 09-30-08	141	1042	1168	2824	877	1876	1752	3043	3413	16136
B. End FY 2013	141	1029	1168	2824	877	1876	1729	2917	3414	15975	
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(60314 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....										2,884,776	
C. AUTHORIZATION NOT YET IN INVENTORY .....										83,716	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										105,240	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										101,230	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										85,190	
G. REMAINING DEFICIENCY .....										232,634	
<b>H. GRAND TOTAL .....</b>										<b>3,492,786</b>	
8. Projects Requested In This Program											
<u>Cat</u>						<u>Design Status</u>		<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
17135	Aircraft Trainer	09/2008	07/2009			431 m2	3,170				
74060	Dining Facility, TBS	11/2008	05/2009			2900 m2	14,780				
72411	Student Quarters, TBS, Phase 4	11/2008	04/2009			8572 m2	32,060				
81212	South Mainside Electrical Substation	09/2008	05/2009			0 LS	15,270				
17120	Battalion Training Facility, MSGBN	10/2008	05/2009			2679 m2	10,340				
61010	MC Information Operations Center	10/2008	09/2009			5508 m2	29,620				
							TOTAL	105,240			
9. Future Projects:											
A. Included In The Following Program:											
83110	Wastewater Treatment Plant, Camp Upshur					LS	8,980				
72411	Student Quarters, The Basic School, Phase 5					92268 SF	31,680				
17671	Construct 155MM Gun Position 31					0 LS	1,050				
72124	Bachelor Enlisted Quarters, The Basic School					68620 SF	25,110				
72124	Bachelor Enlisted Quarters, MCAF QuantIco					98673 SF	28,420				
72210	Enlisted Dining Facility					6900 SF	5,990				
							TOTAL	101,230			
B. Major Planned Next Three Years:											
72411	Student Quarters, The Basic School, Phase 6						23,700				
85110	Realign Purvis Rd/Russell Rd Intersection						5,550				
85110	Infrastructure Fuller Road, Phase 1						8,350				
61010	Support Facility Replacement MSGBN						7,800				
72117	OCS Candidate Barracks						11,450				
72411	Student Quarters, The Basic School, Phase 7						14,520				
72412	Student Quarters, The Basic School Phase 8						13,820				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.05
C. R&M Unfunded Requirement (\$000):		TOTAL 85,190 71,200
<p>10. Mission or Major Functions:</p> <p>The installation mission is to maintain and operate facilities and provide services and material to support the Marine Corps Combat Development Command, the Marine Corps Air Facility Quantico, and other activities and units designated by the Commandant of the Marine Corps.</p> <p>The mission of the Marine Corps Combat Development Command is to develop Marine Corps warfighting concepts and to determine associated required capabilities in the areas of doctrine, organization, training and education, equipment, and support facilities to enable the Marine Corps to field combat-ready forces and to participate in and support other major processes of the Combat Development System.</p>		
<p>11. Outstanding Pollution and Safety Deficiencies (\$000):</p> <p>A. Pollution Abatement(*): 0</p> <p>B. Occupational Safety and Health(OSH)(#): 0</p>		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AA) MARINE CORPS BASE QUANTICO (MCAF) QUANTICO, VIRGINIA			4. Project Title Aircraft Trainer	
5. Program Element 0805796M	6. Category Code 17135	7. Project Number P406	8. Project Cost (\$000) 3,170	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AIRCRAFT TRAINER (4,639 SF)	m2	431		2,260
OPERATIONAL TRAINER FACILITY (4,639 SF)	m2	431	4,776.22	(2,060)
LEED AND EPACT 2005 COMPLIANCE	LS			(10)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(50)
BUILT-IN EQUIPMENT	LS			(90)
SPECIAL COSTS	LS			(30)
INFORMATION SYSTEMS	LS			(20)
SUPPORTING FACILITIES				500
SPECIAL CONSTRUCTION FEATURES	LS			(20)
SPECIAL FOUNDATION FEATURES	LS			(350)
ELECTRICAL UTILITIES	LS			(50)
MECHANICAL UTILITIES	LS			(70)
PAVING AND SITE IMPROVEMENTS	LS			(10)
SUBTOTAL				2,760
CONTINGENCY (5%)				140
TOTAL CONTRACT COST				2,900
SIOH (5.7%)				170
SUBTOTAL				3,070
DESIGN/BUILD - DESIGN COST				110
TOTAL REQUEST ROUNDED				3,180
TOTAL REQUEST				3,170
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(20,000)
<b>10. Description of Proposed Construction:</b>				
The Using Activity for this project is planned to be: MARINE CORPS AIR FACILITY.				
Primary Facility: Construct a Concrete Masonry Unit (CMU) addition to the Marine Helicopter Squadron One (HMX-1) hangar building on reinforced concrete slab and pile foundation, structural steel frame, exterior brick and metal panels, interior CMU walls and standing seam metal roof to provide a motion-based operational flight simulator training facility for the Executive Flight Detachment of HMX-1. Construction will include a reinforced concrete thrust pad to support the flight simulator. Facility				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AA) MARINE CORPS BASE QUANTICO (MCAF) QUANTICO, VIRGINIA			4. Project Title Aircraft Trainer	
5. Program Element 0805796M	6. Category Code 17135	7. Project Number P406	8. Project Cost (\$000) 3,170	
<p>will provide an instructor operating station, equipment room, computer room, briefing room, telecommunications room, communications workshop, parts storage, restroom, and a 40 foot high-bay trainer area. Built-in equipment includes an overhead bridge crane, hydraulic pumps, raised flooring, and conduit for secure internet protocol router network and security systems. Sustainable principles will be included in the design, development, and construction in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include fire alarms, energy saving electronic monitoring and control system, and information systems. Mechanical systems include fire protection systems, heating, ventilation and air conditioning, security entrance control, and carbon dioxide suppression system in computer areas.</p> <p>Supporting Facilities: Work includes site and building utility connections (natural gas, storm sewers, electrical, telephone, and local area network). Paving and site improvements include exterior site and building lighting, earthwork, grading and paving. Also includes operation and maintenance support information.</p>				
<p><b>11. Requirement:</b>      <u>630 m2</u>    <b>Adequate:</b>      <u>0 m2</u>    <b>Substandard:</b>      <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Provide adequate space for installation of the Operational Flight Trainer (OFT), to be used for training Marine One aircrews in the operation of Executive helicopters.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide adequate and efficiently configured operational flight-training facility in support of the Executive Flight Detachment of HMX-1. This requires a high-bay facility capable of housing a full-motion training device.</p> <p><b>CURRENT SITUATION:</b></p> <p>There are currently no facilities at MCAF, Quantico or Marine Corps Base, Quantico that can house a full motion simulator for legacy aircraft or future replacements.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If a simulator facility is not provided, most syllabus events that are a part of the Executive helicopter pilot familiarization course will have to be accomplished in the aircraft. Events that cannot be achieved in the aircraft will be forced to be waived or modified, resulting in a general degradation of the entire training program. Aircrew personnel will be less qualified, increasing the risk to crew, executive passengers, and aircraft.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AA) MARINE CORPS BASE QUANTICO (MCAF) QUANTICO, VIRGINIA			4. Project Title Aircraft Trainer	
5. Program Element 0805796M	6. Category Code 17135	7. Project Number P406	8. Project Cost (\$000) 3,170	
Operating the simulator to achieve the required training is much less expensive and safer than flying helicopters.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				02/2009
(C) Date design completed				07/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				25%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$188
(B) All other design costs				\$63
(C) Total				\$251
(D) Contract				\$63
(E) In-house				\$188
4. Contract award:				11/2009
5. Construction start:				03/2010
6. Construction complete:				01/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Operational Flight Simulator (OFT)		RDT&E	2011	20,000
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: W.L. Brant		Phone No: 910-451-1833		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AA) MARINE CORPS BASE QUANTICO (MCAF) QUANTICO, VIRGINIA		4. Project Title Aircraft Trainer	
5. Program Element 0805796M	6. Category Code 17135	7. Project Number P406	8. Project Cost (\$000) 3,170
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Dining Facility, TBS	
5. Program Element 0815796M	6. Category Code 74060	7. Project Number P548	8. Project Cost (\$000) 14,780	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
DINING FACILITY, TBS (31,220 SF)	m2	2,900.46		9,460
COMMISSIONED MESS (27,803 SF)	m2	2,583	2,706.54	(6,990)
RELIGIOUS FACILITY (1,480 SF)	m2	137.5	4,353.25	(600)
POST OFFICE (660 SF)	m2	61.32	1,733.39	(110)
PX SNACK STAND (900 SF)	m2	83.61	2,300.73	(190)
BANK/CREDIT UNION (377 SF)	m2	35.03	2,034.29	(70)
ANTI-TERRORISM/FORCE PROTECTION	LS			(220)
LEED AND EPACT 2005 COMPLIANCE	LS			(410)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(110)
BUILT-IN EQUIPMENT	LS			(360)
SPECIAL COSTS	LS			(180)
INFORMATION SYSTEMS	LS			(220)
SUPPORTING FACILITIES				3,400
SPECIAL CONSTRUCTION FEATURES	LS			(220)
ELECTRICAL UTILITIES	LS			(270)
MECHANICAL UTILITIES	LS			(280)
PAVING AND SITE IMPROVEMENTS	LS			(600)
DEMOLITION	LS			(1,890)
ANTI-TERRORISM/FORCE PROTECTION	LS			(140)
SUBTOTAL				12,860
CONTINGENCY (5%)				640
TOTAL CONTRACT COST				13,500
SIOH (5.7%)				770
SUBTOTAL				14,270
DESIGN/BUILD - DESIGN COST				510
TOTAL REQUEST ROUNDED				14,780
TOTAL REQUEST				14,780
EQUIPMENT FROM OTHER				(747)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
Primary Facility: Construct a multi-story reinforced concrete masonry unit				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Dining Facility, TBS	
5. Program Element 0815796M	6. Category Code 74060	7. Project Number P548	8. Project Cost (\$000) 14,780	
<p>(CMU) Student Dining Facility and Media Center for The Basic School (TBS). Construction to include: reinforced concrete spread footings and reinforced concrete slab on grade foundation, structural steel frame, Georgian style cast stone and brick veneer, and standing seam metal roof over structural steel framing. This facility will be designed and constructed to meet the requirements of the Americans with Disabilities Act and consists of a commissioned officers mess, and a media center including space for computer internet usage, TV room, lounge, quiet rooms and recreational game room. Interior will be finished with a combination of tile, carpet, painted CMU walls, suspended gypsum board and acoustical ceiling tiles. Sustainable principles will be included in the design, development and construction of the project in accordance with the Energy Policy Act of 2005. Electrical systems include fire alarm systems, energy-saving electronic monitoring and control system, and information systems. Mechanical systems include plumbing, fire protection systems, and heating, ventilation and air conditioning.</p> <p>Supporting Facilities: Includes site and building utility connections for potable water, high temperature water, sanitary and storm sewers, electrical, natural gas and telecommunications equipment, and Local Area Network (LAN). Paving and site improvements include exterior site and building lighting, roadway access, sidewalks, earthwork, grading, relocation of an existing monument, and landscaping. Also includes operation and maintenance support information, and anti-terrorism/force protection features. This project includes demolition of the C, D and E Wings of Building 24165, as well as lead paint and asbestos abatement.</p>				
<b>11. Requirement:</b> <u>2,952 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project constructs a student dining facility. The dining facility includes food service preparation and seating to feed TBS peak staff and student officer loading of 1,600 persons. It also includes a Media Center that will be wired for network usage and multimedia capability and includes space for computer internet usage, TV room, student lounge, quiet rooms, and recreational game room. Also included are religious ministry facilities, post office, Navy exchange snack stand, credit union and commissioned officer's club currently located in Wing E. The project demolishes the C, D, and E wings of Building 24165 (8,488 GSM). New construction is to be phased with demolition so that the operational capabilities of providing all services will remain uninterrupted. <b>(Current Mission)</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Dining Facility, TBS	
5. Program Element 0815796M	6. Category Code 74060	7. Project Number P548	8. Project Cost (\$000) 14,780	
<b>REQUIREMENT:</b> An adequate student dining facility and media center are required to provide food service and seating for TBS peak staff and student officer loading of 1,600 persons. The Media Center is required to accomodate student computer internet usage, TV viewing and recreation.				
<b>CURRENT SITUATION:</b> The existing student mess hall located in O'Bannon Hall is undersized, inadequate and does not support current requirements. The current facility is 7,441 GSF and can not provide food service for 1,600 student officers assigned to TBS, resulting in the meal evolutions having to be extended. Extended meal evolutions for student officers disrupt the efficiencies of officer training, extend the cost of the commercial dining service contract, and by shorten the life of collateral equipment. The existing facility is beyond its useful life. Extensive mold is evident throughout the facility, posing a potential health risk to personnel. In addition, plumbing, HVAC and roof are all in need of major upgrades.  Wings C, D & E of O'Bannon Hall, also house Religious Ministry Facilities, Post Office, NEX Snack Stand, Credit Union and Commissioned Officer's Club. These facilities must be replaced in the new dining facility project because their current locations are to be demolished.				
<b>IMPACT IF NOT PROVIDED:</b> The impact of not providing this project will result in the continued use of a mess hall that is beyond its useful life. Without an adequate-sized student dining facility/media center, TBS will be constrained by continuing major repair and maintenance costs, placing additional burdens on food service personnel and equipment. The current facility is deteriorating rapidly, due to its age and the constant high tempo of operations. Additionally, if use of this facility continues, significant repairs will be necessary.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				11/2008
(B) Date 35% Design or Parametric Cost Estimate complete				02/2009
(C) Date design completed				05/2009
(D) Percent completed as of September 2005				0%
(E) Percent completed as of January 2006				0%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Dining Facility, TBS	
5. Program Element 0815796M	6. Category Code 74060	7. Project Number P548	8. Project Cost (\$000) 14,780	
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$833
(B) All other design costs				\$278
(C) Total				\$1,111
(D) Contract				\$886
(E) In-house				\$225
4. Contract award:				11/2009
5. Construction start:				01/2010
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Equipment from other appropriation		PMC	2011	747
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Richard A. Reisch		Phone No: (703) 784-5490		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AB) MARINE CORPS BASE QUANTICO (CAMP BARRETT) QUANTICO, VIRGINIA			4. Project Title Student Quarters, TBS, Phase 4	
5. Program Element 0805796M	6. Category Code 72411	7. Project Number P565	8. Project Cost (\$000) 32,060	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
STUDENT QUARTERS, TBS, PHASE 4 (92,268 SF)	m2	8,572		25,650
PRIMARY FACILITY (88,802 SF)	m2	8,250	2,523.84	(20,820)
COMPANY ADMIN (3,466 SF)	m2	322	2,917.94	(940)
ANTI-TERRORISM/FORCE PROTECTION	LS			(600)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,080)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(240)
BUILT-IN EQUIPMENT	LS			(1,050)
SPECIAL COSTS	LS			(690)
INFORMATION SYSTEMS	LS			(230)
SUPPORTING FACILITIES				2,230
ELECTRICAL UTILITIES	LS			(740)
MECHANICAL UTILITIES	LS			(640)
PAVING AND SITE IMPROVEMENTS	LS			(100)
SITE PREPARATIONS	LS			(670)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
SUBTOTAL				27,880
CONTINGENCY (5%)				1,390
TOTAL CONTRACT COST				29,270
SIOH (5.7%)				1,670
SUBTOTAL				30,940
DESIGN/BUILD - DESIGN COST				1,120
TOTAL REQUEST ROUNDED				32,060
TOTAL REQUEST				32,060
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,343)
<b>10. Description of Proposed Construction:</b>				
Construct a multi-story facility in the 1+1 configuration to support billeting of Marine Officers. This will construct a multistory, reinforced masonry building, with spread footing concrete foundation, with slab-on grade, elevated slabs, Georgian style cast stone and brick veneer, and standing seam metal roof over structural steel framing. Building provides				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AB) MARINE CORPS BASE QUANTICO (CAMP BARRETT) QUANTICO, VIRGINIA			4. Project Title Student Quarters, TBS, Phase 4	
5. Program Element 0805796M	6. Category Code 72411	7. Project Number P565	8. Project Cost (\$000) 32,060	
<p>250 rooms in the 1+1 room configuration (125 modules) with semi-private bathrooms and walk-in closets. Kitchenette is to be replaced with additional closet space for storage. Community and service areas consist of laundry facilities, lounges, company administrative offices, housekeeping areas and public restrooms. Built-in equipment includes a service elevator. Mechanical and electrical utilities costs include Heating, Ventilation, and Air Conditioning (HVAC), fire protection and alarm systems, plumbing, electrical power distribution, lighting, utility development, intrusion detection, and information systems.</p> <p>Anti-Terrorism/Force Protection (AT/FP) classifies the complex as a "Billeting Facility" within a controlled perimeter. Required stand-off distances will be achieved. AT/FP measures will include blast resistant glazing, design to limit progressive collapse, mass notification system, vehicle access control, and HVAC intakes located at least 3 meters above finished grade. In accordance with the Energy Policy Act of 2005 (EPAct) sustainable principals will be included into the design, development, and construction of the project and will incorporate low water usage landscaping, room occupancy sensors, electrical monitoring with direct digital controls, task lighting, LED exit signs, light switching to segregate banks of lights, day light where possible, use of recyclable regional and non-toxic construction materials, and pedestrian and bicycling features. Site alterations will include utility connections and relocations, pavement and parking lot construction, sidewalks, and landscaping.</p>				
<p><b>11. Requirement:</b>     <u>8,572 m2</u>     <b>Adequate:</b>     <u>0 m2</u>     <b>Substandard:</b>     <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Project will construct a BOQ facility to support billeting of Marine Officers. Provide adequate housing for 250 officers undergoing initial training at The Basic School (TBS), Quantico, Virginia.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>All marine officers, regardless of accession source, are trained at TBS. Each year, TBS conducts six Basic Officer Courses (BOC) consisting of 250 lieutenants each, and one Warrant Officer (WO) Company of 250 officers. In addition to the six BOC's and one WO course, TBS billets and trains Naval Academy midshipmen, infantry officer students, and reserve officers each year. Average on board student loading is 1,415 with maximum loading by schedule method of 1,650 students.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AB) MARINE CORPS BASE QUANTICO (CAMP BARRETT) QUANTICO, VIRGINIA			4. Project Title Student Quarters, TBS, Phase 4	
5. Program Element 0805796M	6. Category Code 72411	7. Project Number P565	8. Project Cost (\$000) 32,060	
<p>O'Bannon Hall has major problems with plumbing, electrical and heating, ventilation and air conditioning systems along with structural problems due to settling of the building.</p> <p>Currently, there is not enough living space for all of the students enrolled in The Basic School. On average, TBS billets approximately 1,200 students per day, resulting in overcrowding. Normally three officers are billeted in a space (O'Bannon Hall) designed for two; and two officers in a space (Graves Hall) designed for one. During surge periods, three months out of the year, an additional officer is billeted in each room. These situations do not meet the Minimum Standards of Adequacy.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Deferral of this project will cause overcrowding to continue, adversely impacting on morale and the Marine Corps' ability to attract and retain highly qualified officers. The Minimum Standards of Adequacy will never be achieved without the construction of this facility.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				11/2008
(B) Date 35% Design or Parametric Cost Estimate complete				02/2009
(C) Date design completed				04/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				25%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				P547
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,910
(B) All other design costs				\$637
(C) Total				\$2,547
(D) Contract				\$2,322
(E) In-house				\$225
4. Contract award:				11/2009
5. Construction start:				03/2010
6. Construction complete:				09/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u> <u>FY Approp</u>		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AB) MARINE CORPS BASE QUANTICO (CAMP BARRETT) QUANTICO, VIRGINIA			4. Project Title Student Quarters, TBS, Phase 4	
5. Program Element 0805796M	6. Category Code 72411	7. Project Number P565	8. Project Cost (\$000) 32,060	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Colateral Equipment		PMC	2011	1,343
C. FY 2008 R&M Conducted (\$000):				
D. FY 2009 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Richard A. Reisch			Phone No: 703-784-5490	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title South Mainside Electrical Substation	
5. Program Element 0815796M	6. Category Code 81212	7. Project Number P614	8. Project Cost (\$000) 15,270	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SOUTH MAINSIDE ELECTRICAL SUBSTATION	LS			7,440
35KV SUBSTATION	LS			(7,060)
ANTI-TERRORISM/FORCE PROTECTION	LS			(10)
LEED AND EPACT 2005 COMPLIANCE	LS			(20)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(120)
SPECIAL COSTS	LS			(130)
INFORMATION SYSTEMS	LS			(100)
SUPPORTING FACILITIES				5,850
ELECTRICAL UTILITIES	LS			(4,340)
PAVING AND SITE IMPROVEMENTS	LS			(310)
SITE PREPARATIONS	LS			(850)
ENVIRONMENTAL MITIGATION	LS			(350)
SUBTOTAL				13,290
CONTINGENCY (5%)				660
TOTAL CONTRACT COST				13,950
SIOH (5.7%)				800
SUBTOTAL				14,750
DESIGN/BUILD - DESIGN COST				530
TOTAL REQUEST ROUNDED				15,280
TOTAL REQUEST				15,270
<b>10. Description of Proposed Construction:</b>				
<p>The project constructs a 35 KV substation to serve power requirements at Marine Corps Base Quantico. The substation includes disconnects, metering switchgear, two 20 MVA transformers, and associated switch gear. A 1000 SF building will be constructed to house 15-15KV breakers, a battery bank and storage for tools and spare parts. An underground line will be run from the Dominion Virginia Power metering pole to the new substation. The new substation will be tied into the existing Butler Stadium Substation. Project will include environmental mitigation, as well as be designed and constructed in accordance with the Energy Policy Act of 2005.</p>				
<b>11. Requirement:</b>				
<b>Adequate:</b>		<b>Substandard:</b>		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title South Mainside Electrical Substation	
5. Program Element 0815796M	6. Category Code 81212	7. Project Number P614	8. Project Cost (\$000) 15,270	
<b>PROJECT:</b> This project constructs a 35 KV substation to serve the Mainside Area of Marine Corps Base Quantico. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Additional electrical capacity is needed for current Marine Corps Base Quantico operations and also to provide emergency power in the event of power outages of the existing substation.				
<b>CURRENT SITUATION:</b> The substation at Butler Stadium is 15 KV and feeds all of the Mainside Area. This substation is over loaded due to recent base construction. There are two feeders supplying this substation from Virginia Dominion Power. During a power outage, all of Mainside is affected.				
<b>IMPACT IF NOT PROVIDED:</b> The substation will continue to be overloaded, and any added loads will further deteriorate its strained operation. Also, Mainside will be subject to more frequent power outages, jeopardizing the operational mission of the base.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				05/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$496
(B) All other design costs				\$165
(C) Total				\$661
(D) Contract				\$511
(E) In-house				\$150
4. Contract award:				11/2009
5. Construction start:				03/2010
6. Construction complete:				03/2011
B. Equipment associated with this project which will be provided from				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title South Mainside Electrical Substation	
5. Program Element 0815796M	6. Category Code 81212	7. Project Number P614	8. Project Cost (\$000) 15,270	
other appropriations: NONE				
JOINT USE CERTIFICATION:				
<p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use. Unilateral Construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.</p>				
Activity POC: Richard A. Reisch			Phone No: (703) 784-5490	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA		4. Project Title South Mainside Electrical Substation	
5. Program Element 0815796M	6. Category Code 81212	7. Project Number P614	8. Project Cost (\$000) 15,270
<p><b>Blank Page</b></p>			

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00264(AD) MARINE CORPS BASE QUANTICO (C.A.LLOYD RANGE AREA) QUANTICO, VIRGINIA			4. Project Title Battalion Training Facility - MSGBN	
5. Program Element 0815796M	6. Category Code 17120	7. Project Number P620	8. Project Cost (\$000) 10,340	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BATTALION TRAINING FACILITY - MSGBN (28,831 SF)	m2	2,678.52		8,130
ACADEMIC CLASSROOMS (26,474 SF)	m2	2,459.52	2,510.01	(6,170)
ARMORY (753 SF)	m2	70	3,173.13	(220)
COVERED CLEANING AREA	m2	149	785.5	(120)
ANTI-TERRORISM/FORCE PROTECTION	LS			(420)
LEED AND EPACT 2005 COMPLIANCE	LS			(310)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(120)
BUILT-IN EQUIPMENT	LS			(100)
SPECIAL COSTS	LS			(440)
INFORMATION SYSTEMS	LS			(230)
SUPPORTING FACILITIES				860
SPECIAL CONSTRUCTION FEATURES	LS			(140)
ELECTRICAL UTILITIES	LS			(300)
MECHANICAL UTILITIES	LS			(100)
PAVING AND SITE IMPROVEMENTS	LS			(270)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
SUBTOTAL				8,990
CONTINGENCY (5%)				450
TOTAL CONTRACT COST				9,440
SIOH (5.7%)				540
SUBTOTAL				9,980
DESIGN/BUILD - DESIGN COST				360
TOTAL REQUEST ROUNDED				10,340
TOTAL REQUEST				10,340
EQUIPMENT FROM OTHER				(720)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
Primary Facility: Project constructs a multi-story, brick-faced, cast stone detailed, Georgian-style academic classroom and armory. Built-in equipment includes an elevator and specialized features and structures				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AD) MARINE CORPS BASE QUANTICO (C.A.LLOYD RANGE AREA) QUANTICO, VIRGINIA			4. Project Title Battalion Training Facility - MSGBN	
5. Program Element 0815796M	6. Category Code 17120	7. Project Number P620	8. Project Cost (\$000) 10,340	
(B) Date 35% Design or Parametric Cost Estimate complete				02/2009
(C) Date design completed				05/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				20%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$552
(B) All other design costs				\$184
(C) Total				\$736
(D) Contract				\$561
(E) In-house				\$175
4. Contract award:				11/2009
5. Construction start:				03/2010
6. Construction complete:				05/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Equipment from other Appropriations		PMC	2011	720
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Richard A. Reisch			Phone No: (703) 784-5490	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AD) MARINE CORPS BASE QUANTICO (C.A.LLOYD RANGE AREA) QUANTICO, VIRGINIA		4. Project Title Battalion Training Facility - MSGBN	
5. Program Element 0815796M	6. Category Code 17120	7. Project Number P620	8. Project Cost (\$000) 10,340
<p><b>Blank Page</b></p>			

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M00264(AE) MARINE CORPS BASE QUANTICO (GUADALCANAL AREA) QUANTICO, VIRGINIA			4. Project Title MC Information Operations Center - MCIOC	
5. Program Element 0805796M	6. Category Code 61010	7. Project Number P625	8. Project Cost (\$000) 29,620	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MC INFORMATION OPERATIONS CENTER - MCIOC (59,287 SF)	m2	5,507.98		21,060
MCIOC ADMINISTRATIVE FACILITIES (28,437 SF)	m2	2,641.93	2,865.25	(7,570)
MCIOC WAREHOUSE (2,000 SF)	m2	185.8	1,471.86	(270)
MCNOSC ADDITION TO CODE TALKER HALL (28,850 SF)	m2	2,680.25	2,855.32	(7,650)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,640)
LEED AND EPACT 2005 COMPLIANCE	LS			(820)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(330)
BUILT-IN EQUIPMENT	LS			(400)
SPECIAL COSTS	LS			(260)
INFORMATION SYSTEMS	LS			(2,120)
SUPPORTING FACILITIES				4,700
SPECIAL CONSTRUCTION FEATURES	LS			(850)
ELECTRICAL UTILITIES	LS			(1,100)
MECHANICAL UTILITIES	LS			(230)
PAVING AND SITE IMPROVEMENTS	LS			(1,220)
SITE PREPARATIONS	LS			(550)
ANTI-TERRORISM/FORCE PROTECTION	LS			(750)
SUBTOTAL				25,760
CONTINGENCY (5%)				1,290
TOTAL CONTRACT COST				27,050
SIOH (5.7%)				1,540
SUBTOTAL				28,590
DESIGN/BUILD - DESIGN COST				1,030
TOTAL REQUEST ROUNDED				29,620
TOTAL REQUEST				29,620
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(10,992)
<b>10. Description of Proposed Construction:</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AE) MARINE CORPS BASE QUANTICO (GUADALCANAL AREA) QUANTICO, VIRGINIA			4. Project Title MC Information Operations Center - MCIOC	
5. Program Element 0805796M	6. Category Code 61010	7. Project Number P625	8. Project Cost (\$000) 29,620	
<p>Construct an administrative facility and a warehouse in support of the Marine Corps Information Operations Center (MCIOC) stand up, and an addition to Code Talker Hall in support of Marine Corps Network Operations and Security Center (MCNOSC) efforts. All are in support of the Grow the Force initiative. The facilities will be constructed of Georgian style - brick face and cast stone, matching the base exterior architectural plan, and include structural steel frames and standing seam metal roofs. Special costs include reinforced, concrete slab-on-grade, elevated reinforced concrete slabs, spread footing foundation, and sensitive compartmented information facility spaces. Built in equipment includes a freight/passenger elevator, forklift charging station and back-up power. Electrical systems include fire alarms, security systems and information systems, to include Local Area Network. Mechanical systems include energy monitoring and control systems, electrical and fire protection systems, plumbing and heating, ventilation and air conditioning. Sustainable principles will be included in the design, development, and construction of the project in accordance with the Energy Policy Act of 2005. Paving and site improvements include landscaping. Operation and Maintenance Support Information will be provided. Anti-terrorism/force protection features are also included.</p>				
<b>11. Requirement:</b> <u>5,506 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Construct an administrative facility to accommodate up to 170 military and civilian personnel and storage to support MCIOC and addition to Code Talker Hall to support 430 military and civilian personnel of the MCNOSC. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Adequate administrative, storage, and infrastructure, that is efficiently configured to provide MCIOC with administrative and storage space needed to meet new mission requirements. MCIOC is required to provide Combatant Commanders Marine Air Ground Task Forces capable of conducting information operations.  Adequate automated data processing information technology services workspace, administrative, storage and IT infrastructure is needed for the MCNOSC. The expanded mission of the MCNOSC results in an increased need for workspace of nearly 125% as the MCNOSC protects, defends and shapes the Marine Corps portion of the DoD Global Information Grid.				
<b>CURRENT SITUATION:</b>				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009	
3. Installation(SA)& Location/UIC: M00264(AE) MARINE CORPS BASE QUANTICO (GUADALCANAL AREA) QUANTICO, VIRGINIA			4. Project Title MC Information Operations Center - MCIOC		
5. Program Element 0805796M		6. Category Code 61010	7. Project Number P625	8. Project Cost (\$000) 29,620	
<p>The standup of this new command, MCIOC, has dictated the requirement for new facilities. This new mission is part of the 202K Grow the Force initiative.</p> <p>The existing MCNOSC facility will not support future requirements of expanded Joint Task Force-Global Network Operations and US Marine Corps missions. This new/expanded mission is part of the 202K Grow the Force initiative. It requires a 125% increase of workspace.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The MCIOC will be forced to continue to operate from inadequate temporary facilities. Their ability to support operational, training, and personnel requirements will be severely limited due to a lack of adequate permanent facilities.</p> <p>MCNOSC will not be able to support the increased secure internet protocol router network or Next Generation Enterprise Network efforts as directed by Headquarters Marine Corps.</p>					
<b>12. Supplemental Data:</b>					
A. Estimated Design Data:					
1. Status:					
(A) Date design or Parametric Cost Estimate started					10/2008
(B) Date 35% Design or Parametric Cost Estimate complete					03/2009
(C) Date design completed					09/2009
(D) Percent completed as of September 2008					0%
(E) Percent completed as of January 2009					25%
(F) Type of design contract					Design Build
(G) Parametric Estimate used to develop cost					Yes
(H) Energy Study/Life Cycle Analysis performed					No
2. Basis:					
(A) Standard or Definitive Design					No
(B) Where design was previously used					
3. Total Cost (C) = (A) + (B) = (D) + (E):					
(A) Production of plans and specifications					\$892
(B) All other design costs					\$297
(C) Total					\$1,189
(D) Contract					\$939
(E) In-house					\$250
4. Contract award:					12/2009
5. Construction start:					04/2010
6. Construction complete:					11/2011
B. Equipment associated with this project which will be provided from other appropriations:					

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M00264(AE) MARINE CORPS BASE QUANTICO (GUADALCANAL AREA) QUANTICO, VIRGINIA			4. Project Title MC Information Operations Center - MCIOC	
5. Program Element 0805796M	6. Category Code 61010	7. Project Number P625	8. Project Cost (\$000) 29,620	
<u>Equipment</u> <u>Nomenclature</u>		<u>Procuring</u> <u>Approp</u>	<u>FY Approp</u> <u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment - Furnishings		O&MMC	2011	4,527
LAN & Communications		PMC	2011	6,465
JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Richard Reisch		Phone No: (703) 784-5490		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009			
3. Installation and Location: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON				4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.26				
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	A. As Of 09-30-08	627	6182	1902	0	0	0	33	34	0	8778
B. End FY 2013	566	5640	1902	0	0	0	33	34	0	8175	
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(8683 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....										6,854,749	
C. AUTHORIZATION NOT YET IN INVENTORY .....										208,577	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										561,449	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										17,208	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										10,174	
G. REMAINING DEFICIENCY .....										1,657,262	
<b>H. GRAND TOTAL .....</b>										<b>9,309,419</b>	
8. Projects Requested In This Program											
<u>Cat</u>				<u>Design Status</u>						<u>Cost</u>	
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>		<u>Scope</u>			<u>(\$000)</u>	
15250	CVN Maintenance Pier Replacement Inc 2 of 2			06/2006	09/2007		15352 m2			160,134	
21650	Limited Area Production/Strg Cmplx Inc 6 of 7			08/2002	01/2006		16000 m2			292,792	
87210	Enclave Fencing/Parking			09/2003	04/2006		0 LS			108,523	
							TOTAL			561,449	
9. Future Projects:											
A. Included In The Following Program:											
	21650	Limited Area Production/Strg Cmplx						172223 SF			17,208
							TOTAL			17,208	
B. Major Planned Next Three Years:											
	21365	Regional Ship Maintenance Support Facility									10,174
							TOTAL			10,174	
C. R&M Unfunded Requirement (\$000):										1,453,113	
10. Mission or Major Functions:											
The Mission of Naval Base Kitsap is to serve as the host command for the Navy's fleet throughout West Puget Sound and to provide base operating services, including support for both surface ships and submarines homeported at Bremerton and Bangor. NB Kitsap also provides world-class service, programs, and facilities that meet the needs of their hosted warfighting commands, tenant activities, crew, and employees. NB Kitsap is the largest naval organization in Navy Region Northwest and is composed of installations in Bremerton, Bangor and Keyport.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.26

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title CVN Maintenance Pier Replacement Incr 2 of 2	
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P356A	8. Project Cost (\$000) 69,064	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CVN MAINTENANCE PIER REPLACEMENT INCR 2 OF 2 (165,248 SF)	m2	15,352		95,660
NEW SHIP REPAIR WHARF (165,248 SF)	m2	15,352	6,135.05	(94,190)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(100)
INFORMATION SYSTEMS	LS			(1,370)
SUPPORTING FACILITIES				43,600
SPECIAL CONSTRUCTION FEATURES	LS			(20,910)
SITE PREPARATIONS	LS			(920)
DEMOLITION	LS			(6,070)
ENVIRONMENTAL MITIGATION	LS			(3,800)
ANTI-TERRORISM/FORCE PROTECTION	LS			(650)
UPLAND CRANE RAILS	LS			(1,980)
PORTAL CRANE RAILS	LS			(9,270)
SUBTOTAL				139,260
CONTINGENCY (5%)				6,960
TOTAL CONTRACT COST				146,220
SIOH (5.7%)				8,330
SUBTOTAL				154,550
DESIGN/BUILD - DESIGN COST				5,570
TOTAL REQUEST ROUNDED				160,120
TOTAL REQUEST				160,134
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(250)
<b>10. Description of Proposed Construction:</b>				
<p>Construct a one-level concrete deck ship repair wharf (38 m x 404 m) supported by concrete piles and concrete pile caps; precast concrete fender piles with ultra-high molecular weight (UHMW) polyethylene wear strips; bollards, cleats, and cathodic protection. Wharf design shall meet cold-iron utilities for ship service, industrial support, and support craft per Navy criteria.</p> <p>Project also provides high pressure and low pressure compressed air, oily</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title CVN Maintenance Pier Replacement Incr 2 of 2	
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P356A	8. Project Cost (\$000) 69,064	
<p>waste collection system, minimum 50 gallons per minute de-ionized pure water, and approximately 1,750 lineal feet of portal crane rail, track switch, and supporting structures including approximately 2,650 lineal feet of crane beam, pony bents, and additional piles at bents.</p> <p>Project also provides replacement of approximately 300 lineal feet of quay wall (Structure 729) and strengthening the sheet pile wall west of the Dry Dock 6 mole.</p> <p>Project also includes fire alarm, industrial and physical security lighting, storm water collection and transfer with oil water separation, voice and data communications, CCTV and alarms, utility risers, new upland primary electrical distribution and other upland utility distribution capacity for services such as steam/condensate return, compressed air, and sanitary sewer services. Special construction features include electrical upgrades and other utility reconfigurations to support two Nimitz class carriers (4160 Volts), one at Dry Dock 6 and one at Pier B; recessed utility trenches with removeable covers within the wharf deck to improve traffic flow, safety and support for temporary structures. Realigns the Controlled Industrial Area (CIA) fence and Wyckoff Avenue gate to incorporate new Pier B within the CIA.</p> <p>Digital operation and maintenance support information and record drawings are to be delivered.</p> <p>Demolishes 378 meters of inadequate berth, existing Pier B (Facility 722), and Substation #78 concrete pad (Facility 749).</p> <p>This project demolishes existing Pier 8 (Structure No. 718) (2892 M2) as a part of environmental mitigation. Pier 8 is approx. 153 meters in length and 18.9 meters in width. The pier has an existing warehouse (10,000 S.F.), a Storage Building (1000 S.F.), and an Electrical Building (400 S.F.) on the structure. These buildings are currently abandoned.</p>				
<p><b>11. Requirement:</b> <u>15,352 m2</u> <b>Adequate:</b> <b>Substandard:</b></p> <p><b>PROJECT:</b></p> <p>Demolishes the existing Pier B and constructs a new ship repair wharf, providing additional service and laydown area, contiguous with Dry Dock 6, by decking over the space between Pier B and the west mole of Dry Dock 6, supporting two Nimitz class carriers (4160 Volts), one at Dry Dock 6 and one at Pier B, with full cold-iron upkeep and maintenance requirements per applicable ship maintenance criteria.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title CVN Maintenance Pier Replacement Incr 2 of 2	
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P356A	8. Project Cost (\$000) 69,064	
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
<p>Adequate and efficiently configured facilities for upkeep, maintenance and repair for CVN Class vessels associated with Docking Planned Incremental Availabilities (DPIAs), which are vital to the CNO-directed regional maintenance center ship repair mission at the Puget Sound Naval Shipyard and Intermediate Maintenance Facility (PSNS &amp; IMF). PSNS &amp; IMF is the primary West Coast maintenance and ship repair site for nuclear aircraft carriers, having the only Dry Dock in the Pacific area of responsibility capable of docking a NIMITZ Class (CVN 68) aircraft carrier.</p> <p>Modernizes ship maintenance capability for NIMITZ-Class nuclear aircraft carriers providing in-water maintenance capability contiguous with Dry Dock 6, prior to or following drydocking. The pier-side/in-water maintenance phase typically begins one week to two months prior to docking, depending on the ship's planned work package to accomplish Early Start work. Early Start work normally consists of systems layup, establishment of temporary services, internal access cuts, reactor and propulsion plant preparations, and reactor plant cooldown, to be ready for docking and work start on the first day of the dry docking.</p> <p>Following a typical ten and one half (10 1/2) month drydocking (DPIA), for approximately three months, the ship will complete its maintenance period pier-side and perform propulsion plant and reactor plant criticality testing, which must be done waterborne to allow normal intake and discharge of seawater heat exchange cooling. A typical non-docking Planned Incremental Availability (PIA) requires approximately six months pierside.</p> <p>PSNS &amp; IMF is responsible for providing logistic support for assigned CVN (NIMITZ Class) ships and for performing authorized work in connection with ship conversion, overhaul, repair, alteration, dry docking, and outfitting of ships and craft, and for providing services and material support to other Naval vessels. PSNS &amp; IMF are home to approximately 9,518 permanent employees and 912 military personnel.</p> <p>Creates the Pacific Fleet's first integrated NIMITZ Class (CVN 68) consolidated nuclear aircraft carrier maintenance complex capable of both pier-side/in-water maintenance PIAs, and Dry Dock maintenance DPIA necessary for more complex maintenance involving hull penetration, including propulsion maintenance, hull painting, rudder and propeller repairs. Creation of this consolidated CVN maintenance 'Hub' reduces mobilization and demobilization of project management and production</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title CVN Maintenance Pier Replacement Incr 2 of 2	
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P356A	8. Project Cost (\$000) 69,064	
<p>resources and infrastructure currently necessary where in-water and drydocking evolutions are necessary for an availability or maintenance period.</p> <p><b>CURRENT SITUATION:</b></p> <p>Pier B was constructed in 1946 as a berthing pier for inactive USS ESSEX Class, conventionally-powered aircraft carriers (40,600 tons full load) and subsequently used for homeported ships. It is inadequate for the current use as a repair pier. Pier B is currently designated as a ship repair pier for USS NIMITZ Class nuclear aircraft carriers (98,500 tons full load). Dry Dock 6, adjacent to Pier B, is the Navy's largest Dry Dock in the Pacific AOR and is the only Dry Dock on the West Coast capable of supporting CVN DPIAs.</p> <p>Following a dry docking, the aircraft carrier is moved to Pier B to complete the DPIA. Cold iron services at this pier are limited for current and future ship maintenance requirements, and crane service is limited to light-capacity mobile cranes or floating cranes due to size and weight limitations of the pier structure. These conditions severely limit the amount of repair and maintenance work that can be performed.</p> <p>Utility systems located below the pier deck are submerged during high tides and are constantly being damaged by salt water corrosion and floating debris. Utilities above the pier deck are exposed to both personnel and vehicle traffic. In both cases, utility systems experience frequent damage. The 60 foot width of Pier B, further restricted by surface-mounted utilities to only 40 feet in width, restricts safe movement of equipment, pedestrian traffic, and material/vehicle movement while the ship is in pier-side overhaul/availability, upkeep or homeport.</p> <p>Pier B relies on creosote-impregnated fender piles. The State of Washington Department of Ecology will not issue hydraulic permit applications to replace damaged creosote fender piles due to toxicity of creosote to marine life. PSNS &amp; IMF currently has only one repair pier (Pier 3) providing full cold iron utility and portal crane services, which is one mile from Dry Dock 6.</p> <p>Full service overlapping pier-side (Pier B) and drydocking (Dry Dock 6) availabilities of two CVNs is not currently possible with the existing Pier B repair capabilities.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title CVN Maintenance Pier Replacement Incr 2 of 2	
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P356A	8. Project Cost (\$'000) 69,064	
<p>The first increment of this project was appropriated in FY 2008. This second increment is needed to complete the project. Delaying this project jeopardizes the scheduled 2010 USS NIMITZ availability and subsequent docking availabilities currently scheduled in 2012 and 2013. Drydock 6 is the only dry dock in the Pacific area of responsibility capable of docking a NIMITZ-Class aircraft carrier.</p> <p>Inefficiencies will continue to persist due to repetitive relocation of the CVN maintenance team, with minimal flexibility to respond to ship maintenance surge capacity required by the CNO's Fleet Response Plan. A logistic and pedestrian bottleneck through the narrow traffic way at the head of Pier B will continue to create personnel safety and productivity inefficiencies between in-water PIAs at Pier B and drydocking (DPIA) phases.</p> <p>The CVN project team, consisting of approximately 4,500 project management and production workers, will continue to be plagued by inefficiencies due to repetitive mobilization and demobilization, and relocation of PIA and DPIA production sites, between Dry Dock 6, Pier B and Pier 3, costing each availability approximately five work days and impacting approximately 4,500 Shipyard production, contractor, ship's force, and specialty service personnel during each relocation. Dry Dock 6 and Pier 3, currently the only full-service in-water CVN maintenance site, are separated by approximately 1 mile travel distance. A typical CVN availability typically consists of 500,000 man-days of workload and is valued at approximately \$500,000,000. The risk of losing critical ship maintenance infrastructure will increase in the event of potential structural failure of the aging Pier B, which is essential to continuing CVN maintenance availabilities. The limited Pier B functionality will continue to degrade and PSNS &amp; IMF will be unable to support the CNO's Fleet Response Plan, which potentially requires scheduling of overlapping CVN availabilities. Savings per availability of 8,271 man-days and CVN Maintenance Hub efficiencies (logistic and Ship's Force Quality of Life) will not be realized.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				06/2006
(B) Date 35% Design or Parametric Cost Estimate complete				11/2006
(C) Date design completed				09/2007
(D) Percent completed as of September 2008				100%
(E) Percent completed as of January 2009				100%
(F) Type of design contract				Design Build

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title CVN Maintenance Pier Replacement Incr 2 of 2	
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P356A	8. Project Cost (\$000) 69,064	
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$700
(B) All other design costs				\$100
(C) Total				\$800
(D) Contract				\$700
(E) In-house				\$100
4. Contract award:				01/2008
5. Construction start:				12/2008
6. Construction complete:				09/2010
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Physical Security Equipment		OPN	2008	250
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Authorization and Appropriation Summary				
	Authorization	Appropriation	Auth for Approp.	
FY 2008 Approved by Congress	\$162,270K	\$91,070K	\$91,070K	
FY 2010 Request	\$0K	\$69,064K	\$69,064K	
Activity POC: Paul Goetz		Phone No: (360) 476-2330		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Limited Area Prod & Strg Complex Incr 6 of 7	
5. Program Element 0212476N	6. Category Code 21650	7. Project Number P973E	8. Project Cost (\$000) 87,292	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
LIMITED AREA PROD & STRG COMPLEX INCR 6 OF 7 (172,223 SF)	m2	16,000		212,610
PRODUCTION/STORAGE COMPLEX (172,223 SF)	m2	16,000	7,799	(124,780)
ANTI-TERRORISM/FORCE PROTECTION	LS			(2,470)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(1,970)
BUILT-IN EQUIPMENT	LS			(3,100)
SPECIAL COSTS	LS			(76,200)
INFORMATION SYSTEMS	LS			(4,090)
SUPPORTING FACILITIES				51,200
SPECIAL CONSTRUCTION FEATURES	LS			(15,410)
ELECTRICAL UTILITIES	LS			(8,570)
MECHANICAL UTILITIES	LS			(590)
PAVING AND SITE IMPROVEMENTS	LS			(22,970)
DEMOLITION	LS			(370)
ANTI-TERRORISM/FORCE PROTECTION	LS			(3,290)
SUBTOTAL				263,810
CONTINGENCY (5%)				13,190
TOTAL CONTRACT COST				277,000
SIOH (5.7%)				15,790
SUBTOTAL				292,790
TOTAL REQUEST ROUNDED				292,790
TOTAL REQUEST				292,792
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(11,939)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facilities: Construct a reinforced concrete, underground, multi-level re-entry body processing and storage facility. This facility includes a reinforced concrete foundation, hardened floors, and hardened load-bearing walls and roof. The existing Limited Area (LA) perimeter security zone and patrol roads will be expanded to encompass the new Limited Area Production and Support Complex (LAPSC). Portions of the</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Limited Area Prod & Strg Complex Incr 6 of 7	
5. Program Element 0212476N	6. Category Code 21650	7. Project Number P973E	8. Project Cost (\$000) 87,292	
<p>existing LA perimeter will be demolished to provide new access roads. New security guard towers will be constructed. Work will be conducted in the very high security Strategic Weapons Facility Pacific (SWFPAC) Limited Area. Anti-Terrorism/Force Protection features are included.</p> <p>Built-in equipment includes adjustable dock levelers, seven 2-ton bridge crane supports and three elevators. Special costs include seismic construction, structural excavation, special foundations and blast features, earth cover, lightweight concrete weapons isolation component separation wall storage areas and a thick slab-on-grade above the underground structure.</p> <p>Supporting Facilities: Work includes special foundations, underground electrical and mechanical systems, emergency generator in a hardened shelter, lightning protection and communications. Special construction features include the requirement to pass through security screening prior to entrance and exit, the requirement to furnish escorts, the loss of time due to security and operational drills, the need to construct temporary enclave fencing, the requirement to keep the existing Limited Area in operation during construction, and sustainable development features. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.</p> <p>Demolition includes 2,630 m2 of existing inadequate re-entry buildings (buildings 6007 and 6595) and 5,450 m2 of existing inadequate re-entry body magazines (buildings 6200 through 6220 inclusive, 21 magazines total).</p>				
<p><b>11. Requirement:</b> <u>16,000 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b> Provide a Limited Area Production and Storage Complex (LAPSC). <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> The Limited Area Production and Storage Complex is required for the receipt/shipment, inspection, assembly, checkout, and maintenance and storage of TRIDENT II tactical and instrumented re-entry bodies. The construction of this facility is proposed for FY2005 in support of TRIDENT II missile production.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Limited Area Prod & Strg Complex Incr 6 of 7	
5. Program Element 0212476N	6. Category Code 21650	7. Project Number P973E	8. Project Cost (\$000) 87,292	
<p>A TRIDENT II re-entry body receipt, shipping, processing, and storage capability does not currently exist to meet projected deliveries and processing requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Strategic Weapons Facility Pacific will be incapable of providing adequate re-entry body receipt, shipping, processing, and storage in support of the Strategic Weapons Facility production operations. A single underground protected structure provides the most robust protection for fulfilling this mission against all threats.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2002
(B) Date 35% Design or Parametric Cost Estimate complete				01/2004
(C) Date design completed				01/2006
(D) Percent completed as of September 2008				100%
(E) Percent completed as of January 2009				100%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$7,067
(B) All other design costs				\$2,356
(C) Total				\$9,423
(D) Contract				\$5,889
(E) In-house				\$3,534
4. Contract award:				04/2006
5. Construction start:				07/2007
6. Construction complete:				12/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
MAINTENANCE WORKSTATIONS		WPN	2011	2,884
SECURITY SYSTEMS, SENSORS, TOOLS, TESTING EQUIP		OMN	2011	5,056
SECURITY SYSTEMS, WEAPONS, INTRUSION DETECTION SYS		OPN	2011	4,000
JOINT USE CERTIFICATION:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009																																				
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Limited Area Prod & Strg Complex Incr 6 of 7																																					
5. Program Element 0212476N	6. Category Code 21650	7. Project Number P973E	8. Project Cost (\$000) 87,292																																					
<p>The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.</p> <p>Authorization and Appropriation Summary</p> <table border="1"> <thead> <tr> <th></th> <th>Authorization</th> <th>Appropriation</th> <th>Auth for Approp.</th> </tr> </thead> <tbody> <tr> <td>FY 2005 Approved by Congress</td> <td>\$131,090K</td> <td>\$35,770K</td> <td>\$35,639K</td> </tr> <tr> <td>FY 2006 Approved by Congress</td> <td>\$55,680K</td> <td>\$47,095K</td> <td>\$46,390K</td> </tr> <tr> <td>30 Nov 2005 CV</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2007 Approved by Congress</td> <td>\$0K</td> <td>\$14,274K</td> <td>\$14,274K</td> </tr> <tr> <td>FY 2008 Approved by Congress</td> <td>\$108,230K</td> <td>\$39,750K</td> <td>\$39,750K</td> </tr> <tr> <td>08 Jan 2008 CV</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2009 Requested</td> <td>\$0K</td> <td>\$50,700K</td> <td>\$50,700K</td> </tr> <tr> <td>FY 2010 Request</td> <td>\$0K</td> <td>\$87,292K</td> <td>\$87,292K</td> </tr> </tbody> </table> <p>Activity POC: Joe Graf</p> <p>Phone No: (703) 601-9239</p>						Authorization	Appropriation	Auth for Approp.	FY 2005 Approved by Congress	\$131,090K	\$35,770K	\$35,639K	FY 2006 Approved by Congress	\$55,680K	\$47,095K	\$46,390K	30 Nov 2005 CV				FY 2007 Approved by Congress	\$0K	\$14,274K	\$14,274K	FY 2008 Approved by Congress	\$108,230K	\$39,750K	\$39,750K	08 Jan 2008 CV				FY 2009 Requested	\$0K	\$50,700K	\$50,700K	FY 2010 Request	\$0K	\$87,292K	\$87,292K
	Authorization	Appropriation	Auth for Approp.																																					
FY 2005 Approved by Congress	\$131,090K	\$35,770K	\$35,639K																																					
FY 2006 Approved by Congress	\$55,680K	\$47,095K	\$46,390K																																					
30 Nov 2005 CV																																								
FY 2007 Approved by Congress	\$0K	\$14,274K	\$14,274K																																					
FY 2008 Approved by Congress	\$108,230K	\$39,750K	\$39,750K																																					
08 Jan 2008 CV																																								
FY 2009 Requested	\$0K	\$50,700K	\$50,700K																																					
FY 2010 Request	\$0K	\$87,292K	\$87,292K																																					

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Enclave Fencing/Parking	
5. Program Element 0203476N	6. Category Code 87210	7. Project Number P977A	8. Project Cost (\$000) 67,419	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ENCLAVE FENCING/PARKING	LS			55,640
ENCLAVE FENCING SYSTEMS (12,139 LF)	m	3,700	5,751.01	(21,280)
ENGINEERED WETLAND CROSSING (12,002 SF)	m2	1,115	10,893.83	(12,150)
ENTRY CONTROL POINT	EA	4	2,129,892.38	(8,520)
PAVED PATROL ROAD	m2	22,297	43.98	(980)
SECURITY ISOLOATION ZONE	m2	33,445	31.15	(1,040)
SEISMIC ADJUSTMENT	m2	1,115	230.52	(260)
COFFERDAM	LS			(6,830)
TUNNELING BARRIER	m	76	991.27	(80)
ANTI-TERRORISM/FORCE PROTECTION	LS			(150)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(440)
BUILT-IN EQUIPMENT	LS			(3,770)
INFORMATION SYSTEMS	LS			(140)
SUPPORTING FACILITIES				42,140
SPECIAL CONSTRUCTION FEATURES	LS			(510)
ELECTRICAL UTILITIES	LS			(11,380)
MECHANICAL UTILITIES	LS			(6,360)
PAVING AND SITE IMPROVEMENTS	LS			(8,990)
SITE PREPARATIONS	LS			(3,760)
ENVIRONMENTAL MITIGATION	LS			(10,210)
OUTSIDE COMMUNICATION LINES	LS			(930)
SUBTOTAL				97,780
CONTINGENCY (5%)				4,890
TOTAL CONTRACT COST				102,670
SIOH (5.7%)				5,850
SUBTOTAL				108,520
TOTAL REQUEST ROUNDED				108,520
TOTAL REQUEST				108,523
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(20,556)

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Enclave Fencing/Parking	
5. Program Element 0203476N	6. Category Code 87210	7. Project Number P977A	8. Project Cost (\$000) 67,419	
<p><b>10. Description of Proposed Construction:</b></p> <p>This project provides a new waterfront security enclave encompassing the TRIDENT Delta Pier, Marginal Wharf and the Explosive Handling Wharf. The project constructs Enclave Fencing Systems (EFS), entry control points and provides replacement parking and road modifications to accommodate the changes in traffic patterns introduced by establishing the security enclaves. The project furnishes regular and stand-by emergency power generation and command and control systems for all elements of the security enclave systems. Environmental restoration and mitigation will be necessary to replace areas disturbed by required construction. Provisions will be made during construction to allow on going waterfront operations, and security escorts will be provided for construction in high security areas or during security drills/exercises.</p> <p>The EFS consists of the elements that create the land side physical barrier around critical waterfront facilities. EFS elements include: 30 foot inner and outer clear zones, parallel 7-foot and 10-foot chain-link fences enclosing a 30 foot gravel isolation zone, a security cable barrier, a 20 foot wide patrol road in the inner clear zone, security lighting, lightning protection, towers and posts for mounting security cameras/sensors, and power distribution and control panels with buried conduits for power, and conduits with pull wire for the later installation of security sensors.</p> <p>The project constructs the Entry Control Points (ECP) for controlled access into the enclave. The ECPs will require the expansion of existing roadways, provisions of medians, vehicle inspection areas, traffic turn-around, bullet resistant gate houses and guard positions, vehicle barriers, overhead canopies, environmentally controlled pedestrian access shelters with access control turnstiles, security lighting, lightning protection, and other features that are required to provided a secure ECP which complies with the latest Navy standards and requirements.</p> <p>The project will improve roads to accommodate the changes in traffic patterns caused by the establishment of the security enclave and to permit the rapid response backup forces to quickly arrive at all points of the enclaves. New roads include an access road for the industrial waste treatment facility, a patrol road from Seawolf to Archerfish Road and improvements to Greenling Road. With the establishment of the security enclaves, there will be severe restrictions on parking in the enclaves and significant numbers of parking spaces for ship personnel and refit work force will be lost. Replacement parking areas will be provided by this project.</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Enclave Fencing/Parking	
5. Program Element 0203476N	6. Category Code 87210	7. Project Number P977A	8. Project Cost (\$000) 67,419	
<p>allow a permit to be issued. The current design incorporates an enclave routing and wetlands crossings concept that are in compliance with previous issues identified during the permit application process. Consultations with the US Army Corps of Engineers indicate the current single enclave routing proposed will receive a permit.</p> <p>The FY 2006 authorized and appropriated project (P977 Waterfront Security Enclave) is the initial increment of this project and occurred prior to the rapid inflation of construction costs in the Northwest region of the country. The Northwest region heavy construction outlook includes non-residential construction and public facilities construction. The Regional bidding climate reflects a robust Washington State Department of Transportation Capital Program, construction of venues, roads and bridges for the 2010 Vancouver Winter Olympics, and demand for construction materials and engineering expertise in Asia.</p> <p>The Department is requesting full authorization for this new project. The enclave alignment and wetlands crossings developed during for the initial planning were found to have significantly higher costs than originally estimated. Effective solutions that resolve the conflicts between environmental and security measures for this project resulted in significantly higher costs. Tribal mitigations and wetland compensatory mitigations also added costs to the project.</p> <p>To date, an initial contract to improve roads in support of the security enclave was awarded in July 2006 to an 8a construction contractor via a competitive bid. That construction contract is complete.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>TRIDENT waterfront security will not meet the heightened threat level or be in compliance with current Navy security requirements.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				09/2003
(B) Date 35% Design or Parametric Cost Estimate complete				09/2005
(C) Date design completed				04/2006
(D) Percent completed as of September 2008				100%
(E) Percent completed as of January 2009				100%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON			4. Project Title Enclave Fencing/Parking	
5. Program Element 0203476N	6. Category Code 87210	7. Project Number P977A	8. Project Cost (\$000) 67,419	
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$500
(B) All other design costs				\$80
(C) Total				\$580
(D) Contract				\$80
(E) In-house				\$500
4. Contract award:				09/2008
5. Construction start:				12/2008
6. Construction complete:				06/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u> <u>FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Physical Security Equipment		OPN	2007	1,556
Security System		OPN	2007	19,000
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Authorization and Appropriation Summary				
	Authorization	Appropriation	Auth for Approp	
FY 2006 Approved by Congress	\$41,520K	\$41,104K	\$41,104K	
FY 2010 Request	\$108,939K*	\$67,419K	\$67,419K	
*FY 2010 Authorization request includes previous FY06 Authorization.				
Activity POC: Sidney T. Kuboi		Phone No: 360-396-0078		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68436 NAVAL BASE KITSAP BREMERTON WA BREMERTON, WASHINGTON		4. Project Title Enclave Fencing/Parking	
5. Program Element 0203476N	6. Category Code 87210	7. Project Number P977A	8. Project Cost (\$000) 67,419
<p><b>Blank Page</b></p>			

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009		
3. Installation and Location: N68967 NAVAL STATION EVERETT SPOKANE, WASHINGTON				4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.07			
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	437	4779	39	0	0	0	15	61	0
B. End FY 2013	371	4464	40	0	0	0	15	61	0	4951
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(23 Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										16,184
C. AUTHORIZATION NOT YET IN INVENTORY .....										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										12,707
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										0
G. REMAINING DEFICIENCY .....										0
<b>H. GRAND TOTAL .....</b>										<b>28,891</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
17413	Specialized SERE Training Area	10/2008	08/2009	4418 m2	12,707					
TOTAL										12,707
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										92,808
10. Mission or Major Functions:										
The mission of Naval Station Everett is to maintain and operate facilities and provide essential maintenance, quality of life services and operational and material support to tenant activities and U. S. Navy operating forces.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N68967 NAVAL STATION EVERETT SPOKANE, WASHINGTON	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.07

**Blank Page**

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68967(SW) NAVAL STATION EVERETT (NAVOPSPTCEN SPOKANE) SPOKANE, WASHINGTON			4. Project Title Specialized SERE Training Area	
5. Program Element 0815976N	6. Category Code 17413	7. Project Number P702	8. Project Cost (\$000) 12,707	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SPECIALIZED SERE TRAINING AREA (47,551 SF)	m2	4,417.64		9,540
SPECIALIZED TRAINING LAB (17,106 SF)	m2	1,589.2	1,837.12	(2,920)
TRAINING OPERATIONS CENTER (8,238 SF)	m2	765.34	2,533.03	(1,940)
RESISTANCE TRAINING LABORATORY (19,332 SF)	m2	1,796	1,906.63	(3,420)
INSTRUCTOR ADDITION (2,875 SF)	m2	267.1	2,482.04	(660)
ANTI-TERRORISM/FORCE PROTECTION	LS			(130)
LEED AND EPACT 2005 COMPLIANCE	LS			(270)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(130)
INFORMATION SYSTEMS	LS			(70)
SUPPORTING FACILITIES				1,510
SPECIAL CONSTRUCTION FEATURES	LS			(170)
ELECTRICAL UTILITIES	LS			(330)
MECHANICAL UTILITIES	LS			(430)
PAVING AND SITE IMPROVEMENTS	LS			(420)
SITE PREPARATIONS	LS			(160)
SUBTOTAL				11,050
CONTINGENCY (5%)				550
TOTAL CONTRACT COST				11,600
SIOH (5.7%)				660
SUBTOTAL				12,260
DESIGN/BUILD - DESIGN COST				440
TOTAL REQUEST ROUNDED				12,700
TOTAL REQUEST				12,707
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,000)
<b>10. Description of Proposed Construction:</b>				
This project constructs a fenced Specialized Survival, Evasion, Resistance, and Escape (SERE) Training Compound composed of two stand alone facilities and one addition to an existing facility. The project will be located at				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68967(SW) NAVAL STATION EVERETT (NAVOPSPTCEN SPOKANE) SPOKANE, WASHINGTON			4. Project Title Specialized SERE Training Area	
5. Program Element 0815976N	6. Category Code 17413	7. Project Number P702	8. Project Cost (\$000) 12,707	
<p>the Joint Personnel Recovery Agency (JPRA), White Bluff Site, Spokane Washington.</p> <p>Specialized Training Laboratory /Training Operations Center: Constructs a single story, steel frame structure with a masonry exterior, and an insulated metal roof. The building will be connected to the installation's alarm system and will include automatic fire sprinklers, a mass notification system, and an intrusion detection system.</p> <p>Resistance Training Laboratory: Constructs a single story, steel frame structure with a masonry exterior, and an insulated metal roof. The building will be connected to the Fairchild Air Force Base alarm system and will include automatic fire sprinklers, a mass notification system, and an intrusion detection system.</p> <p>Instructor Addition: Constructs an associated administrative addition to the existing Joint Personnel Recovery Training Facility (PRTF). The addition will be located on the southeast side of the PRTF and connected to an existing corridor/link.</p> <p>Site improvements include grading, landscaping, sidewalks, parking areas, road improvements and loading area for delivery vehicles. AT/FP measures include bollards, barricades, trees and concrete planters. A parking lot for building occupants will also be constructed.</p> <p>Facilities will be LEED Silver certified and will comply with EPACT 2005. Sustainable design will be integrated into the design development, and construction in accordance with Executive Order 13123, the Energy Policy Act 2005 and Silver Leadership in Energy and Environmental Design (LEED) criteria.</p>				
<b>11. Requirement:</b> <u>4,417 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Construct a Specialized Survival, Evasion, Recovery, and Escape (SERE) Training Compound for the Joint Personnel Recovery Agency (JPRA). Operating Location: Fairchild Air Force Base - Joint Personnel Recovery Academy - White Bluff Site, Washington. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N68967(SW) NAVAL STATION EVERETT (NAVOPSPTCEN SPOKANE) SPOKANE, WASHINGTON			4. Project Title Specialized SERE Training Area	
5. Program Element 0815976N	6. Category Code 17413	7. Project Number P702	8. Project Cost (\$000) 12,707	
<p>United States Special Operations Command (USSOCOM) requirements for specialized SERE training have steadily increased in size and complexity, surpassing current JPRA training capacity. The growth in USSOCOM requirements has resulted in the need to increase specialized SERE training throughput by an additional 1,850 per year. The increased USSOCOM requirement represents a 50% increase in training quotas to support approved concept plans. JPRA requires expansion of Personnel Recovery Academy, Spokane, WA training facilities to resolve this capability gap in specialized SERE and Code of Conduct training.</p> <p><b>CURRENT SITUATION:</b></p> <p>The use of temporary, expedient solutions to achieve this increase is not feasible. JPRA's training infrastructure is at its maximum capability and cannot accommodate additional growth.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Not funding this requirement will impact the ability of USSOCOM forces to meet approved concept plans and requirements to provide properly trained forces in theater.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				10/2008
(B) Date 35% Design or Parametric Cost Estimate complete				05/2009
(C) Date design completed				08/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				2%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$386
(B) All other design costs				\$75
(C) Total				\$461
(D) Contract				\$386
(E) In-house				\$75
4. Contract award:				12/2009
5. Construction start:				02/2010
6. Construction complete:				09/2011
B. Equipment associated with this project which will be provided from other appropriations:				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N68967(SW) NAVAL STATION EVERETT (NAVOPSPTCEN SPOKANE) SPOKANE, WASHINGTON			4. Project Title Specialized SERE Training Area	
5. Program Element 0815976N	6. Category Code 17413	7. Project Number P702	8. Project Cost (\$000) 12,707	
<u>Equipment</u> <u>Nomenclature</u> Collateral Equipment		<u>Procuring</u> <u>Approp</u> OPN	<u>FY Approp</u> <u>or Requested</u> 2011	<u>Cost (\$000)</u>  1,000
JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.				
Activity POC: David Gibson		Phone No: 360-396-0074		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009		
3. Installation and Location: N63005 NAVSUPPACT BAHRAIN AL JUFAYR, BAHRAIN					4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.25		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	327	1933	166	0	0	0	84	484	0
B. End FY 2013	352	2155	162	0	0	0	84	484	0	3237
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(40 Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										237,329
C. AUTHORIZATION NOT YET IN INVENTORY .....										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										41,526
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										63,505
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										0
G. REMAINING DEFICIENCY .....										90,240
H. <b>GRAND TOTAL</b> .....										<b>432,600</b>
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>			<u>Scope</u>	<u>(\$000)</u>	
14320	Waterfront Development, Phase 2			12/2005	04/2007			2533 m2	41,526	
								TOTAL	41,526	
9. Future Projects:										
A. Included In The Following Program:										
72122 Transient Quarters, Phase 3							163611 SF		32,052	
72122 Transient Quarters, Phase 4							163611 SF		31,453	
								TOTAL	63,505	
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										110,197
10. Mission or Major Functions:										
This unit is under the Commander, U.S. Naval Forces Central Command who provides overall command and operational control of Naval forces assigned to the Commander, U.S. Central Command and coordinates with Naval forces operating in support of U.S. Central Command's Naval component. Its mission is to maintain and operate facilities and to provide support for visiting units of the operating forces, Department of Defense Dependent School, and to personnel, including dependents, from commands and U.S. Department of Defense activities in the Bahrain area. There are fifty full-time tenants that are supported in addition to the DoD School and visiting operating forces. Also responsible for operating and maintaining a communications facility to support the Defense Communication System and Fleet requirements in the Persian Gulf to include a message center.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N63005 NAVSUPPACT BAHRAIN AL JUFAYR, BAHRAIN	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.25

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63005(MS) NAVSUPPACT BAHRAIN (MINA SULMAN PIER AREA) AL JUFAYR, BAHRAIN			4. Project Title Waterfront Development Phase 2	
5. Program Element 0212176N	6. Category Code 73020	7. Project Number P928	8. Project Cost (\$000) 41,526	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WATERFRONT DEVELOPMENT PHASE 2 (27,265 SF)	m2	2,533		22,140
SMALL CRAFT BASIN	LS			(8,120)
PORT OPERATIONS FACILITY (27,265 SF)	m2	2,533	5,030	(12,740)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(290)
BUILT-IN EQUIPMENT	LS			(730)
INFORMATION SYSTEMS	LS			(260)
SUPPORTING FACILITIES				14,990
ELECTRICAL UTILITIES	LS			(5,220)
MECHANICAL UTILITIES	LS			(5,330)
PAVING AND SITE IMPROVEMENTS	LS			(1,210)
TRAVELLING CRANE PIER	LS			(1,260)
FUEL DISPENSING STATION	LS			(1,320)
BOAT RAMP	LS			(650)
SUBTOTAL				37,130
CONTINGENCY (5%)				1,860
TOTAL CONTRACT COST				38,990
SIOH (6.5%)				2,530
SUBTOTAL				41,520
TOTAL REQUEST ROUNDED				41,520
TOTAL REQUEST				41,526
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(7,200)
<b>10. Description of Proposed Construction:</b>				
<p>This is the second of a four phase project for consolidated waterfront operation facilities at Naval Support Activity Bahrain.</p> <p>Project constructs a Small Craft Berthing Facility, a combined Port Operations and Harbor Patrol facility, and transformer buildings.</p> <p>Small craft berthing facility includes a harbor and pier located at the north end of the existing 600-meter quay wall, dredging, and a small boat ramp and lift facility to take small craft out of the water for maintenance</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63005(MS) NAVSUPPACT BAHRAIN (MINA SULMAN PIER AREA) AL JUFAYR, BAHRAIN			4. Project Title Waterfront Development Phase 2	
5. Program Element 0212176N	6. Category Code 73020	7. Project Number P928	8. Project Cost (\$000) 41,526	
<p>among three non-contiguous locations and do not meet Central Command force protection requirements. Currently, harbor patrol is not located at Mina Sulman where U.S. Navy vessels berth, they are approximately one nautical mile away by boat.</p> <p>The port supports over 80 small craft, half of which are deployed while half are in port. U.S. Navy forces do not have force-protected areas from which to operate or launch vessels for missions that are critical to Fifth Fleet. Furthermore, current space available to perform essential functions is inadequate.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>This is the second of a four-phase project. Without this project, missions will continue to operate out of temporary trailers with inadequate force protection and insufficient power, space, and communications to properly execute assigned operations. Personnel will continue to be exposed to potential terrorist attacks while travelling between the base and port, which takes approximately 20 minutes travel time each way. This project also provides utility distribution which will support follow-on facilities.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				12/2005
(B) Date 35% Design or Parametric Cost Estimate complete				06/2006
(C) Date design completed				04/2007
(D) Percent completed as of September 2008				100%
(E) Percent completed as of January 2009				100%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$2,588
(B) All other design costs				\$1,000
(C) Total				\$3,588
(D) Contract				\$588
(E) In-house				\$3,000
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				07/2012
B. Equipment associated with this project which will be provided from				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63005(MS) NAVSUPPACT BAHRAIN (MINA SULMAN PIER AREA) AL JUFAYR, BAHRAIN			4. Project Title Waterfront Development Phase 2	
5. Program Element 0212176N	6. Category Code 73020	7. Project Number P928	8. Project Cost (\$000) 41,526	
other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	<u>Cost (\$000)</u>
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	
Collateral Equipment		OPN	2012	4,000
Overhead Crane and Small Boat Hoist		OPN	2012	800
Physical Security Equipment IDS		OPN	2012	1,100
Wharf Bumpers		OPN	2012	1,300
JOINT USE CERTIFICATION:				
NRSWA Regional Engineer, certifies that this project has been considered for joint use potential. The infrastructure of this project supports joint use, however, only buildings for US Navy use are being constructed in this project. Therefore, unilateral construction is recommended.				
Activity POC: LCDR Tom Moskal		Phone No: DSN 318-439-4100		

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI				4. Command Commander Navy Installations Command			5. Area Const Cost Index 1.91				
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		434	1023	20	0	0	0	7	33	350	1867
B. End FY 2013		450	1100	70	0	0	0	20	50	380	2070
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..( Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											196,081
C. AUTHORIZATION NOT YET IN INVENTORY .....											0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											41,845
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											52,262
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											118,819
G. REMAINING DEFICIENCY .....											28,319
<b>H. GRAND TOTAL .....</b>											<b>437,326</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
42122	Ammo Supply Point	08/2008	01/2010	2778	m2	21,689					
87210	Security Fencing 1	06/2008	09/2009	0	LS	8,109					
73010	Fire Station	08/2008	01/2010	584	m2	4,772					
85110	Interior Paved Roads	02/2008	11/2008	73441	m2	7,275					
						TOTAL	41,845				
9. Future Projects:											
A. Included In The Following Program:											
44110 General Warehouse											7,610
13115 HoA Joint Operations Center											29,175
61010 Headquarters Facility											12,894
85110 Pave External Roads											2,583
						TOTAL	52,262				
B. Major Planned Next Three Years:											
74044 Fitness Center											13,219
72121 Deployed Billeting Inc											30,560
43110 Cold Storage Warehouse											2,710
73083 Religious Ministry Facility											7,550
72241 Satellite Galley											3,098
11210 Taxiway Enhancement											4,269
11655 Ordnance Handling Pad											12,306
72121 Deployed Billeting											32,723
14111 Passenger Terminal											12,384
						TOTAL	118,819				
C. R&M Unfunded Requirement (\$000):											0
10. Mission or Major Functions:											
Command center for the Combined Joint Task Force - Horn of Africa (CJTF-HOA). The task force conducts operations and training to help host nations											

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI	4. Command Commander Navy Installations Command	5. Area Const Cost Index 1.91
<p>establish a secure environment while enabling regional stability. The primary purpose of the camp is to support CTF-HOA's anti-terrorism operations in the Horn of Africa and other Africa Command missions.</p>		
11. Outstanding Pollution and Safety Deficiencies (\$000):		
A. Pollution Abatement(*):		0
B. Occupational Safety and Health(OSH)(#):		0

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Ammo Supply Point	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P220	8. Project Cost (\$000) 21,689	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AMMO SUPPLY POINT (29,898 SF)	m2	2,777.63		12,290
IGLOO MAGAZINES (9,980 SF)	m2	927.17	5,928.26	(5,500)
INERT STORAGE FACILITY (18,718 SF)	m2	1,738.96	3,023.74	(5,260)
WEAPON ASSEMBLY PAD (1,200 SF)	m2	111.5	5,380.5	(600)
ANTI-TERRORISM/FORCE PROTECTION	LS			(330)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(10)
SPECIAL COSTS	LS			(590)
SUPPORTING FACILITIES				6,470
ELECTRICAL UTILITIES	LS			(1,810)
MECHANICAL UTILITIES	LS			(500)
PAVING AND SITE IMPROVEMENTS	LS			(2,610)
SITE PREPARATIONS	LS			(1,550)
SUBTOTAL				18,760
CONTINGENCY (5%)				940
TOTAL CONTRACT COST				19,700
SIOH (6.2%)				1,220
SUBTOTAL				20,920
DESIGN/BUILD - DESIGN COST				750
TOTAL REQUEST ROUNDED				21,670
TOTAL REQUEST				21,689
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(205)
<b>10. Description of Proposed Construction:</b>				
<p>Construct four steel, semicircular arch-type, earth covered, high explosive magazines. Construction of these magazines will consist of multi-plated steel arches with reinforced concrete slab on grade, floors and entrance docks/apron. Special features include a ten foot wide sliding door. One magazine will be equipped with environmental controls.</p> <p>Construct a single-story, pre-engineered building, with concrete floors, structural steel framing and standing seam metal roof over steel trusses for storage space of inert materials. Included in this space are minimal</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Ammo Supply Point	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P220	8. Project Cost (\$000) 21,689	
<p>administrative spaces for ordnance personnel. Special features include a roll-up door.</p> <p>Construct reinforced concrete pad with weather protection canopy to be utilized for weapon assembly.</p> <p>Magazines shall include ordnance ground and lighting protection systems and intrusion detection system. Earth covering shall be finished with a suitable material to ensure structural stability that does not produce hazardous debris; such as geotextiles material.</p> <p>Electrical and mechanical systems include fire protection system, whole building energy integration, lighting, and plumbing. Paving and site improvements and supporting facilities include roadway access and connection to required utilities. Significant earthwork to increase elevation of the magazine areas will be required.</p> <p>The project also includes demolition of existing Basic Load Ammunition Holding Area fencing, tower, and temporary magazines.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>2,778 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> The project constructs four semicircular steel arch earth-covered magazines, an inert storage pre-engineered building, and a bomb assembly pad to accommodate the installation's ordnance storage requirements. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Properly sited and sized ordnance storage. One magazine must have environmental controls for sensitive materials. An inert storage facility and bomb assembly pad are required to ensure safety requirements for ammunition handling.				
<b>CURRENT SITUATION:</b> Existing ordnance storage does not meet safety criteria. The explosive safety quantity distance arcs from the existing magazines extend over land areas not currently under control or leased by the Navy, a violation of Navy safety criteria. Also, this current location does not allow for any further future expansion to accommodate the final ordnance loading plan at				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Ammo Supply Point	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P220	8. Project Cost (\$000) 21,689	
<p>the installation. Furthermore, this current magazine location must be vacated to avoid violation of the lease agreement with the government of Djibouti.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Without this project, the base will not be able to adequately meet current explosive ordnance safety requirements.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				12/2008
(C) Date design completed				01/2010
(D) Percent completed as of September 2008				2%
(E) Percent completed as of January 2009				40%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				n/a
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$440
(B) All other design costs				\$80
(C) Total				\$520
(D) Contract				\$80
(E) In-house				\$440
4. Contract award:				05/2010
5. Construction start:				08/2010
6. Construction complete:				08/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		OMN	2012	205
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.				
Activity POC: CDR Kevin Bartoe		Phone No: 011-39-081-568-4614		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Ammo Supply Point	
5. Program Element 0712976N	6. Category Code 42122	7. Project Number P220	8. Project Cost (\$000) 21,689	
<b>Blank Page</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Security Fencing 1	
5. Program Element 0212576N	6. Category Code 87210	7. Project Number P235	8. Project Cost (\$000) 8,109	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SECURITY FENCING 1	LS			2,910
SECURITY FENCE (13,855 LF)	m	4,223	449.95	(1,900)
GUARD TOWER	EA	3	201,881.34	(610)
SPECIAL COSTS	LS			(400)
SUPPORTING FACILITIES				4,100
ELECTRICAL UTILITIES	LS			(760)
PAVING AND SITE IMPROVEMENTS	LS			(1,410)
SITE PREPARATIONS	LS			(1,910)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
SUBTOTAL				7,010
CONTINGENCY (5%)				350
TOTAL CONTRACT COST				7,360
SIOH (6.2%)				460
SUBTOTAL				7,820
DESIGN/BUILD - DESIGN COST				280
TOTAL REQUEST ROUNDED				8,100
TOTAL REQUEST				8,109
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(3,200)
<b>10. Description of Proposed Construction:</b>				
<p>Construct a perimeter security fence system to detect, deter, and assess potential intrusions around the second phase of the camp's expansion area. The fence's cross section includes (from the exterior to the interior of the camp): a deep anti-vehicle ditch, galvanized chain concertina wire, a wide gravel perimeter patrol road, and finally an anti-vehicle berm. The anti-vehicle ditch will be lined with stone-filled, erosion control, gabion mats. Construction also includes three security towers with blast-resistant glazed windows. Towers are to be placed in accordance with security requirements and standards.</p> <p>Project includes four vehicular and two pedestrian access gates. Electrical utilities include pole-mounted perimeter lighting with camera mounts.</p> <p>Demolition includes removal of existing fenceline upon completion of new</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009																						
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Security Fencing 1																							
5. Program Element 0212576N	6. Category Code 87210	7. Project Number P235	8. Project Cost (\$000) 8,109																							
<p>fenceline.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>																										
<p><b>11. Requirement:</b>    <u>4,223 m</u>    <b>Adequate:</b>    <u>0 m</u>    <b>Substandard:</b>    <u>550 m</u></p> <p><b>PROJECT:</b></p> <p>Project provides perimeter security in the second expansion area through fencing, anti-vehicular ditches and berms, vehicular and pedestrian access gates, and guard towers in the remaining area of the expansion area.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Perimeter fencing that will give the base the ability to limit access to operations to authorized personnel. The fence system will also provide physical security for planned facilities and assets in this area.</p> <p><b>CURRENT SITUATION:</b></p> <p>The remaining expansion area is not enclosed with any security fencing and is open to trespass.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Personnel and assets will be vulnerable to unauthorized access as well as intentional and unintentional disruption and damage as operations extend further into the expansion area remaining. Potential incidents of unlawful entry will continue.</p>																										
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>06/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>09/2008</td> </tr> <tr> <td>(C) Date design completed</td> <td>09/2009</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>35%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>55%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>No</td> </tr> <tr> <td>(H) Energy Study/Life Cycle Analysis performed</td> <td>No</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design</td> <td>No</td> </tr> <tr> <td>(B) Where design was previously used</td> <td>N/A</td> </tr> </table> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$250</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	06/2008	(B) Date 35% Design or Parametric Cost Estimate complete	09/2008	(C) Date design completed	09/2009	(D) Percent completed as of September 2008	35%	(E) Percent completed as of January 2009	55%	(F) Type of design contract	Design Build	(G) Parametric Estimate used to develop cost	No	(H) Energy Study/Life Cycle Analysis performed	No	(A) Standard or Definitive Design	No	(B) Where design was previously used	N/A	(A) Production of plans and specifications	\$250
(A) Date design or Parametric Cost Estimate started	06/2008																									
(B) Date 35% Design or Parametric Cost Estimate complete	09/2008																									
(C) Date design completed	09/2009																									
(D) Percent completed as of September 2008	35%																									
(E) Percent completed as of January 2009	55%																									
(F) Type of design contract	Design Build																									
(G) Parametric Estimate used to develop cost	No																									
(H) Energy Study/Life Cycle Analysis performed	No																									
(A) Standard or Definitive Design	No																									
(B) Where design was previously used	N/A																									
(A) Production of plans and specifications	\$250																									

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Security Fencing 1	
5. Program Element 0212576N	6. Category Code 87210	7. Project Number P235	8. Project Cost (\$000) 8,109	
(B) All other design costs				\$50
(C) Total				\$300
(D) Contract				\$100
(E) In-house				\$200
4. Contract award:				12/2009
5. Construction start:				03/2010
6. Construction complete:				05/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
"ETASS" Smart Fence Equipment		OPN	2011	3,200
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.				
Activity POC: CDR Kevin Bartoe		Phone No: 011-39-081-568-4614		

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Security Fencing 1	
5. Program Element 0212576N	6. Category Code 87210	7. Project Number P235	8. Project Cost (\$000) 8,109	
<p><b>Blank Page</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Fire Station	
5. Program Element 0816176N	6. Category Code 73010	7. Project Number P237	8. Project Cost (\$000) 4,772	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
FIRE STATION (6,286 SF)	m2	584		3,640
SATELLITE FIRE STATION (6,286 SF)	m2	584	5,599.58	(3,270)
LEED AND EPACT 2005 COMPLIANCE	LS			(20)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(30)
BUILT-IN EQUIPMENT	LS			(90)
SPECIAL COSTS	LS			(210)
INFORMATION SYSTEMS	LS			(20)
SUPPORTING FACILITIES				480
ELECTRICAL UTILITIES	LS			(230)
MECHANICAL UTILITIES	LS			(40)
PAVING AND SITE IMPROVEMENTS	LS			(180)
SITE PREPARATIONS	LS			(30)
SUBTOTAL				4,120
CONTINGENCY (5%)				210
TOTAL CONTRACT COST				4,330
SIOH (6.2%)				270
SUBTOTAL				4,600
DESIGN/BUILD - DESIGN COST				160
TOTAL REQUEST ROUNDED				4,760
TOTAL REQUEST				4,772
EQUIPMENT FROM OTHER				(500)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
<p>Construct a satellite fire station to accommodate a single engine company fire department. The facility will be metal sandwich panel construction. The operational areas include a 2-bay apparatus room, an alarm/communication/computer room, fire fighting agent storage, protective equipment, offices, dayroom, berthing, interior general storage, and fenced, covered outdoor storage. Built-in equipment includes emergency generator and air vacuum system for the apparatus room.</p> <p>Mechanical systems include air conditioning, ventilation, air vacuum exhaust systems, and shop compressed air systems. Fire protection systems</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009								
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Fire Station									
5. Program Element 0816176N	6. Category Code 73010	7. Project Number P237	8. Project Cost (\$000) 4,772									
<p>include automatic fire sprinkler systems and fire alarm systems. Electrical systems include an emergency generator, public announcement and communication information systems, power, and lighting.</p> <p>Site work for the project includes earthwork, grading, fencing, and access pavement. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>												
<p><b>11. Requirement:</b>      <u>584 m</u>      <b>Adequate:</b>                      <b>Substandard:</b></p> <p><b>PROJECT:</b></p> <p>This project constructs a new fire station in the expansion area, adjacent to the airfield, that will house two vehicles responding to both aircraft and structural fires. This fire station will supplement the combined fire and rescue station to serve the installation's expansion area with adequate response times.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The new fire station is necessary to support services required to protect high value operational assets.</p> <p><b>CURRENT SITUATION:</b></p> <p>The current mission is to enhance stability by detecting and disrupting the activities of terrorists. The existing facilities are inadequate or non-existent. The camp area has little running water, inadequate air conditioning and no wastewater facilities. A primary fire station headquarters has been established at the camp. The location of this fire station prevents it from adequately serving the far eastern edge of the compound and the airfield.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The camp's personnel, equipment, facilities and airfield will continue to be at risk of damage and destruction due to fire threats. The current facility cannot house the fire fighting force needed to adequately protect and serve the camp.</p>												
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>01/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>01/2010</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>2%</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	08/2008	(B) Date 35% Design or Parametric Cost Estimate complete	01/2009	(C) Date design completed	01/2010	(D) Percent completed as of September 2008	2%
(A) Date design or Parametric Cost Estimate started	08/2008											
(B) Date 35% Design or Parametric Cost Estimate complete	01/2009											
(C) Date design completed	01/2010											
(D) Percent completed as of September 2008	2%											

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Fire Station	
5. Program Element 0816176N	6. Category Code 73010	7. Project Number P237	8. Project Cost (\$000) 4,772	
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$320
(B) All other design costs				\$80
(C) Total				\$400
(D) Contract				\$300
(E) In-house				\$100
4. Contract award:				05/2010
5. Construction start:				10/2010
6. Construction complete:				10/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY</u>	<u>Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment	OMN	2012		500
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.				
Activity POC: CDR Kevin Bartoe			Phone No: 011-39-081-568-4614	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Fire Station	
5. Program Element 0816176N	6. Category Code 73010	7. Project Number P237	8. Project Cost (\$000) 4,772	
<b>Blank Page</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Interior Paved Roads	
5. Program Element 0212576N	6. Category Code 85110	7. Project Number P916	8. Project Cost (\$000) 7,275	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
INTERIOR PAVED ROADS (790,508 SF)	m2	73,440.63		6,290
UPGRADE AND PAVE INTERNAL ROADS (790,508 SF)	m2	73,440.63	85.64	(6,290)
SUBTOTAL				6,290
CONTINGENCY (5%)				310
TOTAL CONTRACT COST				6,600
SIOH (6.2%)				410
SUBTOTAL				7,010
DESIGN/BUILD - DESIGN COST				250
TOTAL REQUEST ROUNDED				7,260
TOTAL REQUEST				7,275
<b>10. Description of Proposed Construction:</b>				
<p>This project provides for road grading and paving and a 6 foot paved shoulder. The project will consist of replacing the gravel and dirt existing roadway with pavement as well as the inclusion of minor drainage improvements.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p>				
<b>11. Requirement:</b> <u>20,715 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
<p>This project will provide paved internal roads for efficient base operations at Camp Lemonier, Djibouti (CLDJ). The camp mission is to enhance stability in the region by supporting the mission of Combined Joint Task Force-Horn of Africa and other tenant commands in support of Africa Command. At present, the roadways consist of unfinished gravel over dirt and are prone to reoccurring deterioration. Additionally, a more efficient internal roadway will tie the camp's road network to the bases sole entry control point for the transportation of critical commercially obtained goods and services.</p> <p><b>(Current Mission)</b></p>				
<b>REQUIREMENT:</b>				
<p>CLDJ requires paved internal access roads for pneumatic-tired vehicles. The base traffic contains more than 25% truck traffic (two-, three-, four- and five-axles). Traffic count exceeds 200 vehicles per day via the entry</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Interior Paved Roads	
5. Program Element 0212576N	6. Category Code 85110	7. Project Number P916	8. Project Cost (\$000) 7,275	
<p>control point and there are about 50 passenger cars, panel/pickup trucks and small all-terrain vehicles (gators) used on base to support operations. The camp mission is to enhance stability in the region by supporting the mission of Combined Joint Task Force Horn of Africa and other tenant commands in support of Africa Command. Paved internal roadways are vital to mission sustainment.</p> <p><b>CURRENT SITUATION:</b></p> <p>Presently, these gravel surfaced roads require constant and costly maintenance including regrading and regravelling approximately once every three months. Current camp maintenance costs include soil maintenance and dust control measures (with the application of soil stabilizer). Dust caused by traffic requires additional cleaning of equipment, vehicles, facilities and is a nuisance to pedestrians.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If not provided, the camp will continue to have an extremely inefficient road network to sustain the present mission and future plans to expand to the east on recently leased property.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				02/2008
(B) Date 35% Design or Parametric Cost Estimate complete				07/2008
(C) Date design completed				11/2008
(D) Percent completed as of September 2008				45%
(E) Percent completed as of January 2009				100%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$75
(B) All other design costs				\$25
(C) Total				\$100
(D) Contract				\$100
(E) In-house				\$0
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				03/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				



1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N3379A CAMP LEMONIER DJIBOUTI DJIBOUTI, DJIBOUTI			4. Project Title Interior Paved Roads	
5. Program Element 0212576N	6. Category Code 85110	7. Project Number P916	8. Project Cost (\$000) 7,275	
<p><b>Blank Page</b></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 11 MAY 2009		
3. Installation and Location: N61755 NAVBASE GUAM AGANA, GUAM					4. Command Commander Navy Installations Command			5. Area Const Cost Index 2.64		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09-30-08	484	3511	296	0	0	0	71	544	0
B. End FY 2013	466	2800	295	0	0	0	71	544	0	4176
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(13103 Acres)										
B. INVENTORY AS OF 30 SEP 2008 .....										5,528,176
C. AUTHORIZATION NOT YET IN INVENTORY .....										110,336
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										258,590
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										218,593
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										1,704,622
G. REMAINING DEFICIENCY .....										1,522,105
<b>H. GRAND TOTAL .....</b>										<b>9,342,422</b>
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>				<u>Cost</u>
<u>Code</u>	<u>Project Title</u>				<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>		
73076	Military Working Dog Relocation, Apra Harbor				08/2008	06/2009	687 m2	27,070		
85110	Defense Access Road Improvements				10/2008	09/2009	0 LS	48,860		
15220	Apra Harbor Wharf Improvements, Phase 1				08/2008	02/2010	0 LS	167,033		
21640	Torpedo Exercise Support Building				09/2008	05/2009	1746 m2	15,627		
								TOTAL	258,590	
9. Future Projects:										
A. Included In The Following Program:										
15220	Wharf Improvements, Apra Harbor, Phase 2								121,012	
42122	Modular Storage Magazines						7608 m2	49,100		
15220	CVN Capable Berth, Polaris Point							0 LS	48,481	
								TOTAL	218,593	
B. Major Planned Next Three Years:										
15220	Wharf Improvements, Apra Harbor, Phase 3								80,250	
21410	MTACS-18 Operations and Support Facilities								6,313	
44112	MWCS-18 Operations and Support Facilities								17,871	
61010	MWS-1 Operations and Support Facilities								17,101	
44112	MWSS Operations and Support Facilities								11,870	
61010	General Support Det Operational and Support								219,490	
74054	Base Support QOL Facilities								17,560	
42122	Modular Storage Magazines								54,432	
15220	CVN Capable Berth, Polaris Point								61,631	
21453	12th Marine Operations and Support Facilities								51,911	
61010	3rd MARDIV HW Ops and Support Facilities								12,100	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009																																																						
3. Installation and Location: N61755 NAVBASE GUAM AGANA, GUAM	4. Command Commander Navy Installations Command	5. Area Const Cost Index 2.64																																																						
<table border="0"> <tr><td>21730</td><td>Arty Bn HQ Ops and Support Facilities</td><td style="text-align: right;">17,514</td></tr> <tr><td>14311</td><td>General Support Det Operational and Support</td><td style="text-align: right;">170,580</td></tr> <tr><td>17110</td><td>Base Support Training</td><td style="text-align: right;">21,830</td></tr> <tr><td>73020</td><td>Base Support QOL Facilities</td><td style="text-align: right;">48,730</td></tr> <tr><td>21440</td><td>Base Support Operational Facilities</td><td style="text-align: right;">202,904</td></tr> <tr><td>14377</td><td>NECC Forward Deployed Site Consolidation</td><td style="text-align: right;">49,174</td></tr> <tr><td>15220</td><td>CVN Capable Berth, Polaris Point</td><td style="text-align: right;">51,753</td></tr> <tr><td>21730</td><td>Comm Bn Ops and Support Facilities</td><td style="text-align: right;">78,810</td></tr> <tr><td>61010</td><td>MEF HQ Ops and Support Facilities</td><td style="text-align: right;">13,280</td></tr> <tr><td>61010</td><td>MHG Ops and Support Facilities</td><td style="text-align: right;">73,878</td></tr> <tr><td>21730</td><td>Recon Co Ops and Support Facilities</td><td style="text-align: right;">13,729</td></tr> <tr><td>61010</td><td>Intel Bn Ops and Support Facilities</td><td style="text-align: right;">11,359</td></tr> <tr><td>44111</td><td>General Support Det Operational and Support</td><td style="text-align: right;">97,310</td></tr> <tr><td>74044</td><td>Base Support QOL Facilities</td><td style="text-align: right;">175,170</td></tr> <tr><td>14311</td><td>Base Operational Facilities</td><td style="text-align: right;">71,934</td></tr> <tr><td>15220</td><td>CVN Capable Berth, Polaris Point</td><td style="text-align: right;">56,138</td></tr> <tr><td colspan="2"></td><td style="text-align: right; border-top: 1px solid black;">TOTAL 1,704,622</td></tr> <tr><td colspan="2">C. R&amp;M Unfunded Requirement (\$000):</td><td style="text-align: right;">1,008,226</td></tr> </table>		21730	Arty Bn HQ Ops and Support Facilities	17,514	14311	General Support Det Operational and Support	170,580	17110	Base Support Training	21,830	73020	Base Support QOL Facilities	48,730	21440	Base Support Operational Facilities	202,904	14377	NECC Forward Deployed Site Consolidation	49,174	15220	CVN Capable Berth, Polaris Point	51,753	21730	Comm Bn Ops and Support Facilities	78,810	61010	MEF HQ Ops and Support Facilities	13,280	61010	MHG Ops and Support Facilities	73,878	21730	Recon Co Ops and Support Facilities	13,729	61010	Intel Bn Ops and Support Facilities	11,359	44111	General Support Det Operational and Support	97,310	74044	Base Support QOL Facilities	175,170	14311	Base Operational Facilities	71,934	15220	CVN Capable Berth, Polaris Point	56,138			TOTAL 1,704,622	C. R&M Unfunded Requirement (\$000):		1,008,226	
21730	Arty Bn HQ Ops and Support Facilities	17,514																																																						
14311	General Support Det Operational and Support	170,580																																																						
17110	Base Support Training	21,830																																																						
73020	Base Support QOL Facilities	48,730																																																						
21440	Base Support Operational Facilities	202,904																																																						
14377	NECC Forward Deployed Site Consolidation	49,174																																																						
15220	CVN Capable Berth, Polaris Point	51,753																																																						
21730	Comm Bn Ops and Support Facilities	78,810																																																						
61010	MEF HQ Ops and Support Facilities	13,280																																																						
61010	MHG Ops and Support Facilities	73,878																																																						
21730	Recon Co Ops and Support Facilities	13,729																																																						
61010	Intel Bn Ops and Support Facilities	11,359																																																						
44111	General Support Det Operational and Support	97,310																																																						
74044	Base Support QOL Facilities	175,170																																																						
14311	Base Operational Facilities	71,934																																																						
15220	CVN Capable Berth, Polaris Point	56,138																																																						
		TOTAL 1,704,622																																																						
C. R&M Unfunded Requirement (\$000):		1,008,226																																																						
10. Mission or Major Functions: Provide shoreside logistics and maintenance support to US Fleet Forces Command and other U.S. and allied shipping. Homeport for submarine tender supporting submarines operating in the western Pacific and for Military Sealift Command ships.																																																								
11. Outstanding Pollution and Safety Deficiencies (\$000): A. Pollution Abatement(*): 0 B. Occupational Safety and Health(OSH)(#): 0																																																								

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Military Working Dog Relocation, Apra Harbor	
5. Program Element 0216496M	6. Category Code 73076	7. Project Number P1003	8. Project Cost (\$000) 27,070	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MILITARY WORKING DOG RELOCATION, APRA HARBOR (7,395 SF)	m2	687		10,430
KENNEL (2,680 SF)	m2	249	7,035.16	(1,750)
ADMIN SUPPORT BLDG (4,715 SF)	m2	438	7,492.59	(3,280)
RELOCATE HAZMAT LOCKER	LS			(60)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
LEED AND EPACT 2005 COMPLIANCE	LS			(940)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(60)
BUILT-IN EQUIPMENT	LS			(930)
SPECIAL COSTS	LS			(3,210)
INFORMATION SYSTEMS	LS			(140)
SUPPORTING FACILITIES				13,000
SPECIAL FOUNDATION FEATURES	LS			(1,390)
ELECTRICAL UTILITIES	LS			(1,850)
MECHANICAL UTILITIES	LS			(2,160)
PAVING AND SITE IMPROVEMENTS	LS			(7,580)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
SUBTOTAL				23,430
CONTINGENCY (5%)				1,170
TOTAL CONTRACT COST				24,600
SIOH (6.2%)				1,530
SUBTOTAL				26,130
DESIGN/BUILD - DESIGN COST				940
TOTAL REQUEST ROUNDED				27,070
TOTAL REQUEST				27,070
EQUIPMENT FROM OTHER				(484)
APPROPRIATIONS (NON ADD)				
<b>10. Description of Proposed Construction:</b>				
Primary Facilities: The project will replace the Military Working Dog (MWD) facilities displaced due to the siting of the embarkation area at Apra Harbor in order to accommodate the relocation of US Marines from Okinawa to Guam. The project is comprised of a dog kennel for nine military				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Military Working Dog Relocation, Apra Harbor	
5. Program Element 0216496M	6. Category Code 73076	7. Project Number P1003	8. Project Cost (\$000) 27,070	
<p>working dogs (includes both indoor and outdoor runs), four quarantine runs, two tack rooms, bulk storage area, food storage area, food preparation area, administration space for thirteen personnel, bathroom, locker room, veterinary exam area, multi-purpose conference/break area, outdoor dog wash, circulation space, and a mechanical equipment room and exterior enclosure for dehumidification equipment, and relocating the existing explosive/hazardous materials locker. The project is a single story facility constructed of reinforced concrete and/or concrete masonry units with seismic upgrades, pile foundation, and with all components such as exterior walls, windows, roofing, mechanical and electrical systems compatible with the Guam environment and Commander Naval Forces Marianas design standards.</p> <p>The project provides for electrical and mechanical systems including fire alarm and fire monitoring/ control panels, information systems, energy management control systems, plumbing, fire protection systems, and heating, ventilation, and air conditioning systems. Information systems include telephone and data. The kennels will have a central dehumidification system that controls indoor environment to meet Federal animal products standards regarding temperature and humidity. Operations and Maintenance Support Information will be included. Project includes AT/FP building and site measures to include: the required standoff distances from parking, roadways, and existing inhabited buildings in the area, mass notification system and physical security equipment including intrusion detection system and closed circuit television. This project will be designed to comply with the Energy Policy Act of 2005 (EPAct).</p> <p>Supporting facilities: Work includes site and building utility connections (water/fire, sanitary and storm sewers), electrical, communications voice and data, local area network, and cable television. Paving and site improvements include a perimeter fence 8-foot high chain link fence with 3-strands of straight wire along the perimeter of the working dog site with a 20-foot wide service gate for vehicular access for food deliveries to the kennels and other access requirements into the working dog compound. Includes a perimeter fence for the hazardous materials area at the 30-foot arc setback with a gate for vehicular access, and fencing around the obedience training course, exercise and break areas.</p> <p>Landscaping will include built in concrete obstacle equipment, with grass lawns and hedges between the exercise/break/obedience training courses to prevent the working dogs from distracting each other during training. Project also includes paved parking, fire access lanes, fire hydrant,</p>				



1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Military Working Dog Relocation, Apra Harbor	
5. Program Element 0216496M	6. Category Code 73076	7. Project Number P1003	8. Project Cost (\$000) 27,070	
(E) In-house				\$88
4. Contract award:				01/2010
5. Construction start:				03/2010
6. Construction complete:				03/2011
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment (various)		O&MMC	2011	248
PSE Equip (Haz Mat Storage Locker)		O&MMC	2011	160
PSE Equipment (Kennel)		O&MMC	2011	79
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Garrett Fong			Phone No: (808) 472-1175	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Defense Access Road Improvements	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1006	8. Project Cost (\$000) 48,860	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
DEFENSE ACCESS ROAD IMPROVEMENTS	LS			21,680
AGANA BRIDGE #1 REPLACEMENT	LS			(3,640)
ROUTE 1/ROUTE 8 INTERSECTION	LS			(2,950)
ROUTE 11 PAVEMENT	LS			(8,230)
ROUTE 11/ROUTE 1 INTERSECTION	LS			(2,060)
ROUTE 1/ROUTE 3 INTERSECTION	LS			(4,800)
SUPPORTING FACILITIES				13,150
ELECTRICAL UTILITIES	LS			(3,040)
MECHANICAL UTILITIES	LS			(2,420)
PAVING AND SITE IMPROVEMENTS	LS			(4,330)
DEMOLITION	LS			(400)
ENVIRONMENTAL MITIGATION	LS			(2,960)
SUBTOTAL				34,830
CONTINGENCY (5%)				1,740
TOTAL CONTRACT COST				36,570
SIOH (6.2%)				2,270
SUBTOTAL				38,840
DESIGN/BUILD - DESIGN COST				1,390
FUTURE YEAR PROJECT DESIGN	LS			8,630
TOTAL REQUEST ROUNDED				48,860
TOTAL REQUEST				48,860
<b>10. Description of Proposed Construction:</b>				
<p>1) Replace Agana Bridge #1 with a reinforced concrete bridge structure including reinforced concrete bridge approaches, and related Route 4 intersection pavement improvements.</p> <p>2) Route 1 and Route 8 intersection and roadway improvements to include pavement strengthening (along Route 1 between the Agana Bridge #1 and the related intersection), Route 8 northbound left-turn lane improvement and Route 1 eastbound right-turn lane improvement.</p> <p>3) Route 11 roadway improvements to include pavement strengthening.</p> <p>4) Widening of the Route 1 and Route 11 intersection, adding a second eastbound left turn lane, pavement strengthening.</p> <p>5) Route 1 and Route 3 intersection and roadway improvements to include pavement strengthening, a Route 1 westbound right turn lane, and a Route 3 to Route 1 right turn acceleration lane.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Defense Access Road Improvements	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1006	8. Project Cost (\$000) 48,860	
<p>Work includes the demolition of the existing bridge, removal of existing pavements, subgrade improvements, relocation of existing utilities, construction traffic control, environmental mitigation, installation of traffic controls signals/signage and management of existing traffic throughout the construction process.</p>				
<p><b>11. Requirement:</b></p> <p><b>PROJECT:</b></p> <p>This project provides Guam road improvements that support the construction activities and operational mission requirements associated with the relocation of Marines from Okinawa to Guam. Funds provided will be transferred to the Federal Highway Administration of the Department of Transportation which is responsible under Title 23 USC 210 for assuring proper execution of the work. Construction of roadways and bridges serving military facilities on Guam will meet American Association of State Highway and Transportation Officials and Federal Highway design standards.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The construction of new facilities for the relocation of 8,000 Marines and projected 9,900 dependents to Guam is similar to building a new military base with the same capabilities as currently exists on Okinawa. The construction vehicles (number and heavy weight) on the roads will have a dramatic impact on the roadway requirements. Nearly all of the materials to construct inland military facilities will be imported or transported over the haul road network. Some roads will require new turn lane reconfiguration to accommodate the increased number of vehicles. The pavement will have to be strengthened on some roads to support the number and weight of the vehicles and to mitigate the risk of structural failure of the roads. Additionally, the proposed bridge replacement on the haul road route will need to support a greater level of construction activities. The bridge is proposed to be replaced to avoid the risk of failure due to the weight of construction vehicles and loads. This project will support the road improvements needed for construction activities associated with the establishment of a military base for the relocation of the Marines from Okinawa to Guam.</p> <p>This requirement has been Defense Access Roads (DAR) certified for use of DAR funding.</p> <p><b>CURRENT SITUATION:</b></p> <p>Guam currently has a population of roughly 176,000 of which 6,400 are active duty personnel. The road conditions range from fair to good for the existing traffic loading on the island. The traffic situation is near</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Defense Access Road Improvements	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1006	8. Project Cost (\$000) 48,860	
<p>capacity in many of the developed areas and some roads are narrow with safety issues. Although adequate for current needs, the roads lack the capacity and strength to support large numbers of construction vehicles.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If this project is not provided, the construction work required on Guam to support the Guam defense policy review initiative will be adversely impacted. Heavy traffic will significantly increase the risk of structural failures of bridges and pavement associated with the increase in heavy trucks traversing the roads, and traffic volumes supporting the military buildup on Guam. The increased level of risk for failure is not acceptable and will contribute negatively to the successful completion of the new mission facilities required to support the buildup and adversely affect the community.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				10/2008
(B) Date 35% Design or Parametric Cost Estimate complete				04/2009
(C) Date design completed				09/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				No
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,400
(B) All other design costs				\$2,100
(C) Total				\$3,500
(D) Contract				\$3,150
(E) In-house				\$350
4. Contract award:				01/2010
5. Construction start:				04/2010
6. Construction complete:				10/2011
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Defense Access Road Improvements	
5. Program Element 0216496M	6. Category Code 85110	7. Project Number P1006	8. Project Cost (\$000) 48,860	
recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location.				
Activity POC: Garrett Fong			Phone No: 808-472-1175	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Apra Harbor Wharf Improvement, Phase 1	
5. Program Element 0216496M	6. Category Code 15220	7. Project Number P204	8. Project Cost (\$000) 167,033	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
APRA HARBOR WHARF IMPROVEMENT, PHASE 1	LS			139,230
UNIFORM WHARF BERTHS U1 & U2	LS			(55,750)
TANGO WHARF BERTH T-1 THRU T-3	LS			(62,340)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(790)
BUILT-IN EQUIPMENT	LS			(5,640)
SPECIAL COSTS	LS			(14,710)
SUPPORTING FACILITIES				5,380
PAVING AND SITE IMPROVEMENTS	LS			(4,130)
ENVIRONMENTAL MITIGATION	LS			(1,250)
SUBTOTAL				144,610
CONTINGENCY (5%)				7,230
TOTAL CONTRACT COST				151,840
SIOH (6.2%)				9,410
SUBTOTAL				161,250
DESIGN/BUILD - DESIGN COST				5,780
TOTAL REQUEST ROUNDED				167,030
TOTAL REQUEST				167,033
<b>10. Description of Proposed Construction:</b>				
<p>Project provides infrastructure, wharf improvements, and utilities to allow cold iron berthing for "extended" transient ships, primarily, the Amphibious Readiness Group (ARG) and its combatant escort ships. Project requirements include the following:</p> <p>Wharf Strengthening - Provide structural improvements to compensate for the lost foundation support and the increased soil loading. Improvements will strengthen each wharf to resist seismic and typhoon forces; provide cathodic protection system for strengthened wharves; repair voids detected beneath the wharf deck; restore sheet piling, structural system, and wharf face to usable condition; and provide new concrete wharf operations deck at both wharves.</p> <p>Provide new concrete utilities trenches at the wharves to hold potable water, sewer, steam, compressed air, demineralized water, and bilge oily waste lines. Partially replace Bilge Oily Waste Transfer System (BOWTS)</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Apra Harbor Wharf Improvement, Phase 1	
5. Program Element 0216496M	6. Category Code 15220	7. Project Number P204	8. Project Cost (\$000) 167,033	
<p>with new manifold and ship connection risers at predetermined locations on the wharves. Remove deficient and deteriorated sewer collection system, install new ship connection risers and cap remaining exposed lines. Install new trench drains, storm drain lines, treatment tanks, and outfalls to prevent surface runoff in the harbor. The existing steam distribution lines will be removed and new ship connection risers shall be installed. Remove deficient and deteriorated water distribution system and cap remaining exposed lines. Install new ship connection risers and fire hydrants. Install new low pressure compressed air system and risers to provide compressed air distribution at the wharves. Install new demineralized water system to ship connection riser. Provide new secondary power distribution systems. Construct new ductline between existing communications Manholes 2-11 and 3169-1. The ductline will contain four 100mm (4") ducts for copper and fiber optic cables and a 50mm (2") duct for cable television cables. Provide new cable hut at the head of Uniform Wharf for the distribution of the communication system. Extend ductline from Manhole 3169-1 along Tango and Uniform Wharves. Provide cables to new communications and cable television outlet cabinets at all power mounds.</p> <p>Ship Fendering System. Provide new 1830 mm x 3657 mm(6 ft. x 12 ft.) foam filled fenders with chains, plates, submarine backing plates, and hardware for ship berthing at Tango, and Uniform Wharves.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p> <p>Under separate agreement, the Government of Japan will provide for utility system upgrades to the BOWTS, sewer, water (demineralized, potable, fire protection), steam systems and the primary electrical system including substations.</p>				
<b>11. Requirement:</b> <u>9,388 m</u> <b>Adequate:</b> <u>476 m</u> <b>Substandard:</b> <u>5,438 m</u>				
<b>PROJECT:</b> Provide structural repairs and upgrades at Tango and Uniform wharves. Wharf decks will be replaced, wharf faces will be restored, and new fender systems will be provided. This project also provides new communications lines and secondary power distribution systems at the wharves, provides a small portion of other utilities infrastructure on the wharves, and only includes concrete utilities trenches to hold distribution systems for steam, compressed air, potable water, demineralized water, sewer, and bilge oily waste system.				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Apra Harbor Wharf Improvement, Phase 1	
5. Program Element 0216496M	6. Category Code 15220	7. Project Number P204	8. Project Cost (\$000) 167,033	
<p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The project will provide shoreside adequate wharf structure to support berthing for the CG, DDG, JHSV, LSD, LHD, and LPD Class ships which will support the relocated US Marine Corps (USMC) troops. (New Mission)</p> <p>As part of the Agreed Implementation Plan (AIP) between the U.S. government and Government of Japan (GOJ), approximately 8,000 U.S. Marines will be relocating to Guam. To support the USMC relocation to Guam, embarkation operations involving an ARG and its escorts will take place at Apra Harbor. The embarkation operations on average could take about six days to accomplish, and are expected to occur two or more times a year. Also, Joint High Speed Vessels (JHSVs) are required to transport Marines within theater, and for off-island training.</p> <p>The mission of Commander US Naval Forces, Marianas (COMNAVMARIANAS) is to provide operational, fuel resupply, ordnance, and other logistic support to units of the Pacific Fleet, operational forces of the Seventh Fleet, and units of the Fifth Fleet transiting the area to the Persian Gulf or other points west of Guam. Adequate shore side utilities and mooring facilities are required to provide the necessary waterfront utility and cold iron berthing services for the ARG, its escorts, and JHSVs.</p> <p>The current wharf utility infrastructure at these wharves cannot meet the Commander Pacific Fleet (COMPACFLT) requirements for the ARG, its escorts, and the JSHVs. Existing wharf infrastructure cannot provide adequate berthing support. Existing depths at Sierra and Tango are insufficient to berth CGs and DDGs. Major structural repairs are required at Uniform to repair earthquake damage and make it a usable berthing space for the JHSVs.</p> <p><b>CURRENT SITUATION:</b></p> <p>Guam is strategically located as the westernmost U.S. territory to serve as a forward deployment base and logistics hub for sea, land, and air forces operating in the Western Pacific and Asia. Due to the relocation of Marines to Guam, cold iron bething must be provided for an ARG, its escorts, and JHSVs. These ships transport USMC troops and equipment from Guam to mission areas. The Apra Harbor berthing plan places the ARG, its escorts, and the JHSVs at Victor, Sierra, and Uniform Wharves located in the northwestern quadrant of Inner Apra Harbor. Based on planned ship loadings, there is a shortfall of available general purpose berthing slips at Inner Apra Harbor. All general purpose berthing assets are substandard due to inadequate hotel services and/or structural deficiencies.</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Apra Harbor Wharf Improvement, Phase 1	
5. Program Element 0216496M	6. Category Code 15220	7. Project Number P204	8. Project Cost (\$000) 167,033	
<p>Uniform Wharf has not been in operation since 1993 after sustaining severe earthquake damage to its structure and pavement. Victor, Sierra, and Tango Wharves provide critical berthing space in Apra Harbor. Deterioration of the existing utilities requires that repairs and renovations be made to the existing systems to provide continued service.</p>				
<p>This project will correct the following specific deficiencies:</p>				
<p>Wharf Structure. Uniform Wharf is out of service due to the damage sustained from the earthquake and needs to be constructed to current standards. Sierra and Tango wharves are inadequate to resist seismic loads required by current UFC loadings, and soil loading due to increased dredge depth. Cathodic protection system is required for corrosion protection of the wharf steel sheet piles and tiebacks.</p>				
<p>The existing BOWTS at Victor Wharf does not have adequate capacity to accommodate the requirements of the ARG, escorts, and JHSVs. The collection system does not extend beyond Victor Wharf, so ships at Uniform will have to discharge BOW into barges, which are then taken to Victor wharf for off-loading. This operation is manpower intensive, increases the risk of spills, and may experience delays when Victor is occupied. Existing sewer system is deteriorated and in need of repairs. Steam service is needed and does not exist at Uniform Wharf. Existing potable water system is deteriorated and cannot meet ship loading demand and fire fighting requirements. Compressed air service does not exist at either of the wharves. Existing communications and electrical power systems do not meet requirements. Existing lighting does not provide required illumination levels to meet AT/FP requirements. Fire alarm and detection systems do not meet current fire protection requirements. Existing ship fendering systems are deteriorated and inadequate.</p>				
<p><b>IMPACT IF NOT PROVIDED:</b></p>				
<p>If this project is not constructed, the wharf and wharf utilities will continue to deteriorate and will only provide limited waterfront services. The restricted capacity will continue to limit maintenance of ships and wharf efficiencies, as shipboard boilers, engines, and generators must remain in operation to provide the required ships services. Full and efficient use of the limited berthing space at Inner Apra Harbor would not be realized. The result of not constructing the project may impact the Marine Corps embarkation operations, require longer ship-inport time and would compromise the ability of COMAVMARIANAS to sustain readiness of units of the Pacific Fleet.</p>				
<p><b>12. Supplemental Data:</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Apra Harbor Wharf Improvement, Phase 1	
5. Program Element 0216496M	6. Category Code 15220	7. Project Number P204	8. Project Cost (\$000) 167,033	
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				08/2008
(B) Date 35% Design or Parametric Cost Estimate complete				06/2009
(C) Date design completed				02/2010
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				15%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				n/a
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$3,064
(B) All other design costs				\$2,043
(C) Total				\$5,107
(D) Contract				\$4,596
(E) In-house				\$511
4. Contract award:				06/2010
5. Construction start:				08/2010
6. Construction complete:				06/2013
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: Garrett Fong			Phone No: (808)472-1175	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AG) NAVBASE GUAM (AGANA) AGANA, GUAM			4. Project Title Apra Harbor Wharf Improvement, Phase 1	
5. Program Element 0216496M	6. Category Code 15220	7. Project Number P204	8. Project Cost (\$000) 167,033	
<p><b>Blank Page</b></p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM			4. Project Title Torpedo Exercise Support Building	
5. Program Element 0712876N	6. Category Code 21640	7. Project Number P528	8. Project Cost (\$000) 15,627	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
TORPEDO EXERCISE SUPPORT BUILDING (18,794 SF)	m2	1,746		8,890
TORPEDO EXERCISE SUPPORT BUILDING (7,998 SF)	m2	743	8,731.43	(6,490)
HELIPAD (10,796 SF)	m2	1,003	325.79	(330)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
LEED AND EPACT 2005 COMPLIANCE	LS			(960)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(60)
SPECIAL COSTS	LS			(60)
INFORMATION SYSTEMS	LS			(930)
SUPPORTING FACILITIES				4,630
SPECIAL CONSTRUCTION FEATURES	LS			(1,200)
ELECTRICAL UTILITIES	LS			(2,150)
MECHANICAL UTILITIES	LS			(330)
PAVING AND SITE IMPROVEMENTS	LS			(950)
SUBTOTAL				13,520
CONTINGENCY (5%)				680
TOTAL CONTRACT COST				14,200
SIOH (6.2%)				880
SUBTOTAL				15,080
DESIGN/BUILD - DESIGN COST				540
TOTAL REQUEST ROUNDED				15,620
TOTAL REQUEST				15,627
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,368)
<b>10. Description of Proposed Construction:</b>				
<p>Primary Facility: Construct one-story concrete/masonry framed torpedo exercise support facility, with prestressed concrete pile foundation. Facility areas will include a battery shop, target preparation area, helicopter launcher checkout and prep area, post run target turnaround and containerization area, exercise torpedo flushing operations room, data extraction room, hazardous material handling/preparation, spill containment measures, telecommunications room, meeting area, electrical/mechanical</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM			4. Project Title Torpedo Exercise Support Building	
5. Program Element 0712876N	6. Category Code 21640	7. Project Number P528	8. Project Cost (\$000) 15,627	
<p>support rooms, restrooms with shower/change areas and supporting office spaces/technical libraries. A helipad and access road will be provided to facilitate aerial launch of prepared targets and for transport of retrieved exercise torpedoes and targets to the new building.</p> <p>The facility will be air conditioned with a central chilled water system utilizing variable volume air handling units and variable volume terminals. Battery charging and exercise torpedo flushing areas will be air conditioned with dedicated air handling units. Specialized ventilation system will be installed to handle exhaust gases produced during battery charging/discharging and exercise torpedo flushing operations utilizing ventilation hoods and articulation exhaust arms. A hydrogen detection system will be provided in the battery shop. Fire protection systems will consist of a fire suppression system and a combination fire alarm/mass notification system. Bridge cranes will be provided to handle the exercise torpedoes and targets within the building.</p> <p>Supporting Facilities: Include a surface parking lot for the staff and visitors, Anti-Terrorism/Force Protection (AT/FP) requirements, site grading, access road and apron, concrete walkways, drainage, perimeter security fencing, and utilities (electrical, water, sewer, power, fire protection, and telecommunications). Existing overhead power distribution lines will be extended underground. New communications ductbank will be provided to Building 4434, along with a new ductbank between Building 4434 and Marine Drive. An emergency generator building equipped with diesel engine generator will also be constructed.</p> <p>Physical security improvements include perimeter fencing, pedestrian turnstile, active vehicle protective barriers, and intrusion detection systems (IDS). The IDS will include access control, passive infrared motion sensors, bi-magnetic and door switches.</p> <p>The project will conform to anti-terrorism/force protection standards and follow Leadership in Energy and Environmental Design (LEED) and Federal Energy Acts compliance criteria for design, development, and construction of the project. This project is to achieve a LEED rating of "Silver".</p>				
<b>11. Requirement:</b> <u>4,458 m2</u> <b>Adequate:</b> <u>2,787 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> Construct a new Torpedo Exercise Support Facility. (Current Mission)				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM			4. Project Title Torpedo Exercise Support Building	
5. Program Element 0712876N	6. Category Code 21640	7. Project Number P528	8. Project Cost (\$000) 15,627	
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
<p>Adequate and efficiently configured facilities are required to support training, certification, and to maintain proficiency of homeported and forward deployed submarine crews in the Guam operating area. In order to maximize submarine operational availability, ensure adequate response to Commander Seventh Fleet (COMSEVENTHFLT) contingencies and associated costs with transit to and from mid-Pacific ocean training areas, and to minimize impact to homeport tempo, it is essential that a facility be constructed on Guam to support underwater target acquisition and torpedo firing proficiency training events in theater</p> <p>Training requires the use of MK30 Undersea Targets and MK48 Exercise Torpedoes. MK30s are modified torpedoes that simulate the acoustic signatures of enemy submarines. They contain complex electronics and are battery-powered. MK30's are launched and retrieved by helicopters or torpedo retriever boats. A helipad and access road are required to transport spent torpedoes to the support building.</p> <p>After retrieval, MK30's must be disassembled, reworked, inspected, and tested before being reused in an exercise. Specialized batteries must be discharged and recharged in a prescribed and monitored process to maximize battery life. Heat and explosive gas are generated during the discharge and recharge cycles and the battery charging/discharging equipment is sensitive to humidity, requiring a ventilated and climate-controlled environment to prevent damage to both the batteries and the electronically-controlled charging equipment.</p> <p>MK48 exercise torpedoes are fired from submarines. After the completion of the in-water run, the torpedo afterbody engine systems are filled with corrosive mixture of torpedo exhaust bi-products, fuel, and seawater. If this corrosive mixture is not flushed from the torpedo, the useful life of the torpedo is greatly reduced. In addition, MK48 torpedoes must be disassembled to access the data recorders and download in-water run information used for training evaluation. Once the torpedoes are flushed and the data has been extracted, they are reassembled and shipped to an Intermediate Maintenance Activity or depot for refueling. If the torpedo has been flushed, excessive corrosion damage during storage and transit will be avoided and the life of the torpedo will be extended.</p> <p>A dedicated support facility is required to provide efficient support of submarine exercises and provide the required number of MK30 targets. The</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM			4. Project Title Torpedo Exercise Support Building	
5. Program Element 0712876N	6. Category Code 21640	7. Project Number P528	8. Project Cost (\$000) 15,627	
<p>facility must have high bay shop areas to allow use of cranes and forklifts, climate controlled and dust-free shop environments, climate controlled storage for MK30's and equipment and electronics, ventilated and climate controlled areas for battery discharging and recharging, battery storage areas, a well-ventilated area with secondary spill containment for MK48 flushing, covered hazardous waste storage area with secondary spill containment, and office and technical library spaces. In order to launch and recover the MK30's, a nearby helipad is required to ensure quick turn around of expended targets and to conduct final tests that must be completed prior to helicopter take-off.</p> <p><b>CURRENT SITUATION:</b></p> <p>No dedicated shore facility exists for MK30 refitting, MK48 flushing, and data extraction.</p> <p>MK48 flushing and data extraction are currently done aboard the U.S.S. Frank Cable (Guam-homeported submarine tender). Submarine training opportunities and certification schedules are based on the tender deployment schedule, tender presence, and shop availability. Submarine loading has increased in response to theater requirements. During FY 2009, annual torpedo firings are projected to increase by 80%.</p> <p>Additionally, the U.S.S. Frank Cable is scheduled to convert to a Military Sealift Command ship in FY 2010, which means it will have a civilian merchant marine crew and a reduced military weapons department. This will result in a reduced capability to support MK48 exercise torpedoes, at the same time that operational requirements are projected to be drastically increased.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Submarine crews will not be able to adequately train and maintain proficiency to meet mission requirements. During FY 2009, annual requirements for torpedo firings in Guam are anticipated to increase by 80%, as the number of submarines in Guam increases. Inability to support increasing training demands may force multiple submarine transits back to the Hawaiian Operational Area to conduct proficiency training events and certifications. Relocation of a single torpedo firing event from Guam to Hawaii would negatively impact operations in COMSEVENTHFLT area of responsibility, resulting in a reduction of the submarine's operational availability by 23 days and a reduction in homeport tempo by 12.6%.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009																				
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM			4. Project Title Torpedo Exercise Support Building																					
5. Program Element 0712876N	6. Category Code 21640	7. Project Number P528	8. Project Cost (\$000) 15,627																					
<p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started 09/2008</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete 01/2009</p> <p>(C) Date design completed 05/2009</p> <p>(D) Percent completed as of September 2008 2%</p> <p>(E) Percent completed as of January 2009 35%</p> <p>(F) Type of design contract Design Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy Study/Life Cycle Analysis performed Yes</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design Yes</p> <p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications \$214</p> <p>(B) All other design costs \$321</p> <p>(C) Total \$535</p> <p>(D) Contract \$487</p> <p>(E) In-house \$48</p> <p>4. Contract award: 12/2009</p> <p>5. Construction start: 01/2010</p> <p>6. Construction complete: 11/2011</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th><u>Procuring</u></th> <th><u>FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>BRIDGE CRANES</td> <td>OPN</td> <td>2010</td> <td>1,800</td> </tr> <tr> <td>ELECTRONIC SECURITY SYSTEM</td> <td>OPN</td> <td>2010</td> <td>428</td> </tr> <tr> <td>FURNITURE/WORKSTATIONS</td> <td>OMN</td> <td>2010</td> <td>140</td> </tr> </tbody> </table> <p>JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended.</p> <p>Activity POC: Clyde Haruno Phone No: (808) 472-1759</p>					<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	BRIDGE CRANES	OPN	2010	1,800	ELECTRONIC SECURITY SYSTEM	OPN	2010	428	FURNITURE/WORKSTATIONS	OMN	2010	140
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>																						
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																					
BRIDGE CRANES	OPN	2010	1,800																					
ELECTRONIC SECURITY SYSTEM	OPN	2010	428																					
FURNITURE/WORKSTATIONS	OMN	2010	140																					

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM			4. Project Title Torpedo Exercise Support Building	
5. Program Element 0712876N	6. Category Code 21640	7. Project Number P528	8. Project Cost (\$000) 15,627	
<p><b>Blank Page</b></p>				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N61755 NAVBASE GUAM ANDERSEN AB, GUAM					4. Command Commander Navy Installations Command			5. Area Const Cost Index 2.64			
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		484	3511	296	0	0	0	71	544	0	4906
B. End FY 2013		466	2800	295	0	0	0	71	544	0	4176
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..( Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											117,592
C. AUTHORIZATION NOT YET IN INVENTORY .....											110,336
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											110,297
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											239,848
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											58,530
G. REMAINING DEFICIENCY .....											0
<b>H. GRAND TOTAL .....</b>											<b>636,603</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
81310	North Ramp Utilities, Phase 1	08/2008	08/2009	0 LS	21,500						
11320	North Ramp Parking, Phase 1	04/2009	02/2010	59658 m2	88,797						
TOTAL											110,297
9. Future Projects:											
A. Included In The Following Program:											
11320 Aviation Facilities at North Ramp, Phase 1											58,670
81310 North Ramp Utilities, Anderson AFB, Phase 2											89,135
11320 North Ramp Parking, Anderson AFB, Phase 2											92,043
TOTAL											239,848
B. Major Planned Next Three Years:											
11320 Aviation Facilities at North Ramp, Phase 2											58,530
TOTAL											58,530
C. R&M Unfunded Requirement (\$000):											1,008,226
10. Mission or Major Functions:											
Andersen's current role is that of a forward-based logistics-support center for exercise and contingency forces deploying throughout the Southwest Pacific and Indian Ocean regions.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N61755 NAVBASE GUAM ANDERSEN AB, GUAM	4. Command Commander Navy Installations Command	5. Area Const Cost Index 2.64

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Utilities, Phase 1	
5. Program Element 0216496M	6. Category Code 81310	7. Project Number P100	8. Project Cost (\$000) 21,500	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
NORTH RAMP UTILITIES, PHASE 1	LS			7,150
WASTEWATER DISTRIBUTION	LS			(3,660)
LEED AND EPACT 2005 COMPLIANCE	LS			(680)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(50)
SPECIAL COSTS	LS			(2,760)
SUPPORTING FACILITIES				11,470
MECHANICAL UTILITIES	LS			(11,270)
PAVING AND SITE IMPROVEMENTS	LS			(200)
SUBTOTAL				18,620
CONTINGENCY (5%)				930
TOTAL CONTRACT COST				19,550
SIOH (6.2%)				1,210
SUBTOTAL				20,760
DESIGN/BUILD - DESIGN COST				740
TOTAL REQUEST ROUNDED				21,500
TOTAL REQUEST				21,500
<b>10. Description of Proposed Construction:</b>				
<p>Project upgrades, extends and/or replaces portions of the utility infrastructure for water (domestic ), and sewer to fulfill increased demand due to increased personnel, facilities, and operations associated with the relocation of US Marine Corps (USMC) aviation unit personnel and activities from Okinawa to the North Ramp Area of Andersen Air Force Base (AAFB), Guam. Project aligns with the collective utility infrastructure enhancement efforts of other stakeholders and construction programs including the planned intelligence, surveillance, and reconnaissance strike force project to be constructed by the US Air Force.</p> <p>Primary Facilities - Water and wastewater Utilities - Project provides potable water distribution system and PVC sewer force main that extends service to the North Ramp Area and connects to the existing gravity fed sewer system. The system includes sewer manholes and pump stations.</p> <p>Operation and maintenance support information will be included. Project includes anti-terrorism/force protection building and site measures in compliance with Navy and DoD criteria.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009						
3. Installation(SA)& Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Utilities, Phase 1							
5. Program Element 0216496M	6. Category Code 81310	7. Project Number P100	8. Project Cost (\$000) 21,500							
Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13423 and other laws and executive orders.										
<p><b>11. Requirement:</b></p> <p><b>PROJECT:</b></p> <p>Project provides water (domestic), and sewer distribution to the North Ramp Area of Andersen Air Force Base to support increased personnel and air operations associated with the relocation of USMC aviation units from Okinawa to Guam.</p> <p>( Mission)</p> <p><b>REQUIREMENT:</b></p> <p>Adequate utility supply and distribution to support the relocation of USMC aviation units from Okinawa to Guam, including transient units.</p> <p><b>CURRENT SITUATION:</b></p> <p>There are no USMC personnel presently stationed on Guam. The majority of the Department of Defense (DOD) Class I and II properties including airfield and wharves on Guam are owned by the Navy and Air Force. Limited surplus shore facilities are available but are within small footprints in various locations which inhibit any large scale usage for this relocation effort. Additionally, most of these facilities require extensive upgrades/modification for adequate permanent type use. Therefore, proposed facilities to support the relocation of more than 8,000 Marines and their 9,000 dependents will have to be new construction.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Water: Failure to provide new water (potable) system will result in unreliable water service to the US Marine Corps personnel assigned to the North Ramp Area. The unreliable distribution system will result in suspension of training and operations, and other health safety issues.</p> <p>Wastewater: There are no distribution/conveyance systems appropriately located with the capacity to service the planned development at the North Ramp Area.</p>										
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>08/2008</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>02/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>08/2009</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	08/2008	(B) Date 35% Design or Parametric Cost Estimate complete	02/2009	(C) Date design completed	08/2009
(A) Date design or Parametric Cost Estimate started	08/2008									
(B) Date 35% Design or Parametric Cost Estimate complete	02/2009									
(C) Date design completed	08/2009									

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Utilities, Phase 1	
5. Program Element 0216496M	6. Category Code 81310	7. Project Number P100	8. Project Cost (\$000) 21,500	
(D) Percent completed as of September 2008				5%
(E) Percent completed as of January 2009				30%
(F) Type of design contract			Design Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				n/a
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$350
(B) All other design costs				\$527
(C) Total				\$877
(D) Contract				\$790
(E) In-house				\$87
4. Contract award:				05/2010
5. Construction start:				08/2010
6. Construction complete:				01/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location, however, all tenants on this installation are benefited by this project.				
Activity POC: Garrett Fong			Phone No: (808)472-1175	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Utilities, Phase 1	
5. Program Element 0216496M	6. Category Code 81310	7. Project Number P100	8. Project Cost (\$000) 21,500	
<b>Blank Page</b>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Parking, Phase 1	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P101	8. Project Cost (\$000) 88,797	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
NORTH RAMP PARKING, PHASE 1 (642,148 SF)	m2	59,657.5		45,530
AIRCRAFT PARKING APRON (505,441 SF)	m2	46,957	539.22	(25,320)
TAXIWAY (65,240 SF)	m2	6,061	547.73	(3,320)
TAXIWAY SHOULDER (43,502 SF)	m2	4,041.5	357.74	(1,450)
ARMING & DE-ARMING PAD (23,002 SF)	m2	2,137	572.69	(1,220)
POWER CHECK PAD (4,962 SF)	m2	461	573.71	(260)
LEED AND EPACT 2005 COMPLIANCE	LS			(1,380)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(340)
BUILT-IN EQUIPMENT	LS			(860)
SPECIAL COSTS	LS			(11,380)
SUPPORTING FACILITIES				31,350
ELECTRICAL UTILITIES	LS			(13,690)
MECHANICAL UTILITIES	LS			(4,060)
PAVING AND SITE IMPROVEMENTS	LS			(11,250)
DEMOLITION	LS			(240)
ENVIRONMENTAL MITIGATION	LS			(1,820)
ANTI-TERRORISM/FORCE PROTECTION	LS			(290)
SUBTOTAL				76,880
CONTINGENCY (5%)				3,840
TOTAL CONTRACT COST				80,720
SIOH (6.2%)				5,000
SUBTOTAL				85,720
DESIGN/BUILD - DESIGN COST				3,080
TOTAL REQUEST ROUNDED				88,800
TOTAL REQUEST				88,797
<b>10. Description of Proposed Construction:</b>				
Primary Facilities: Project provides aircraft parking apron, lighted taxiways with shoulders, engine check pad, and arming/de-arming pad,				
Built-in equipment includes jet blast deflector. Utilities include				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009												
3. Installation(SA)& Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Parking, Phase 1													
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P101	8. Project Cost (\$000) 88,797													
<p>electrical distribution (to taxiway lighting) and a utilities support building.</p> <p>Supporting Facilities: Project includes storm water drainage, sanitary sewer system, electrical main building, utilities (electrical and communication) connections, aircraft servicing stations, taxiway and apron lighting and signage and area lighting. Project costs include operation manuals for utilities and equipment.</p>																
<p>11. Requirement: <u>116,258 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Project provides aircraft parking apron, lighted taxiways, engine check pad (with jet blast deflectors) and arming/de-arming pad located at Andersen Air Force Base to accommodate US Marines being relocated from Okinawa to Guam.</p> <p>(Current Mission)</p> <p><b>REQUIREMENT:</b></p> <p>Adequate pavement facilities to support the relocation of US Marine Corps aviation units from Okinawa to Guam, including transient units.</p> <p><b>CURRENT SITUATION:</b></p> <p>There are no Marines presently stationed on Guam. The majority of the Department of Defense Class I and II properties including airfield and wharves on Guam are owned by the Navy and Air Force. Limited surplus shore facilities are available but are within small footprints in various locations which inhibit any large scale usage for this relocation effort. Additionally, most of these facilities require extensive upgrades/modification for adequate permanent type use. Therefore, proposed facilities to support the relocation of more than 8,000 Marines and their 9,000 dependents will have to be new construction.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>This project is part of the USMC relocation from Okinawa to Guam.</p>																
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date design or Parametric Cost Estimate started</td> <td>04/2009</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate complete</td> <td>07/2009</td> </tr> <tr> <td>(C) Date design completed</td> <td>02/2010</td> </tr> <tr> <td>(D) Percent completed as of September 2008</td> <td>0%</td> </tr> <tr> <td>(E) Percent completed as of January 2009</td> <td>0%</td> </tr> <tr> <td>(F) Type of design contract</td> <td>Design Build</td> </tr> </table>					(A) Date design or Parametric Cost Estimate started	04/2009	(B) Date 35% Design or Parametric Cost Estimate complete	07/2009	(C) Date design completed	02/2010	(D) Percent completed as of September 2008	0%	(E) Percent completed as of January 2009	0%	(F) Type of design contract	Design Build
(A) Date design or Parametric Cost Estimate started	04/2009															
(B) Date 35% Design or Parametric Cost Estimate complete	07/2009															
(C) Date design completed	02/2010															
(D) Percent completed as of September 2008	0%															
(E) Percent completed as of January 2009	0%															
(F) Type of design contract	Design Build															

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Parking, Phase 1	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P101	8. Project Cost (\$000) 88,797	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				n/a
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$1,068
(B) All other design costs				\$1,602
(C) Total				\$2,670
(D) Contract				\$2,403
(E) In-house				\$267
4. Contract award:				05/2010
5. Construction start:				07/2010
6. Construction complete:				05/2012
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Department of the Navy requirements.				
Activity POC: GARRETT FONG			Phone No: (803)472-1175	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AA) NAVBASE GUAM (ANDERSEN AFB) ANDERSEN AB, GUAM			4. Project Title North Ramp Parking, Phase 1	
5. Program Element 0216496M	6. Category Code 11320	7. Project Number P101	8. Project Cost (\$000) 88,797	
<b>Blank Page</b>				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N61755 NAVBASE GUAM APRA, GUAM				4. Command Commander Navy Installations Command			5. Area Const Cost Index 2.64				
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		562	3805	194	0	0	0	71	544	0	5176
B. End FY 2013		519	3077	193	0	0	0	71	544	0	4404
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(3 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											214,655
C. AUTHORIZATION NOT YET IN INVENTORY .....											110,336
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											45,309
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											0
G. REMAINING DEFICIENCY .....											55,310
<b>H. GRAND TOTAL .....</b>											<b>425,610</b>
8. Projects Requested In This Program											
<u>Cat</u>						<u>Design Status</u>				<u>Cost</u>	
<u>Code</u>		<u>Project Title</u>				<u>Start Complete</u>		<u>Scope</u>		<u>(\$000)</u>	
17135		Consolidated SLC Training & CSS-15 HQ Facility				06/2008 06/2009		4554 m2		45,309	
										TOTAL	45,309
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
C. R&M Unfunded Requirement (\$000):											1,008,226
10. Mission or Major Functions:											
Provide shoreside logistics and maintenance support to US Fleet Forces Command and other U.S. and allied shipping. Homeport for submarine tender supporting submarines operating in the western Pacific and for Military Sealift Command ships.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N61755 NAVBASE GUAM APRA, GUAM	4. Command Commander Navy Installations Command	5. Area Const Cost Index 2.64

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AH) NAVBASE GUAM (APRA HEIGHTS) APRA, GUAM			4. Project Title Consolidated SLC Training & CSS-15 HQ Fac.	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P465	8. Project Cost (\$000) 45,309	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CONSOLIDATED SLC TRAINING & CSS-15 HQ FAC. (49,019 SF)	m2	4,554		29,690
CONSOLIDATED SLC TRNG & CSS-15 HQ FACILITY (48,717 SF)	m2	4,526	5,088.08	(23,030)
EMERGENCY GENERATOR BUILDING	m2	28	13,512.11	(380)
ANTI-TERRORISM/FORCE PROTECTION	LS			(230)
LEED AND EPACT 2005 COMPLIANCE	LS			(2,730)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(230)
BUILT-IN EQUIPMENT	LS			(350)
SPECIAL COSTS	LS			(160)
INFORMATION SYSTEMS	LS			(2,580)
SUPPORTING FACILITIES				9,530
SPECIAL CONSTRUCTION FEATURES	LS			(4,220)
ELECTRICAL UTILITIES	LS			(2,150)
MECHANICAL UTILITIES	LS			(430)
PAVING AND SITE IMPROVEMENTS	LS			(2,330)
DEMOLITION	LS			(400)
SUBTOTAL				39,220
CONTINGENCY (5%)				1,960
TOTAL CONTRACT COST				41,180
SIOH (6.2%)				2,550
SUBTOTAL				43,730
DESIGN/BUILD - DESIGN COST				1,570
TOTAL REQUEST ROUNDED				45,300
TOTAL REQUEST				45,309
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(25,273)
<b>10. Description of Proposed Construction:</b>				
Construct a new 2-story consolidated Submarine Learning Center (SLC) Training and Commander Submarine Squadron 15 (CSS15) Headquarters Facility. The consolidated SLC Training facility will include an Academic Learning Center for academic and applied (team) training, instructor offices, classrooms, communications room with rack UPS system, storage, combination				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AH) NAVBASE GUAM (APRA HEIGHTS) APRA, GUAM			4. Project Title Consolidated SLC Training & CSS-15 HQ Fac.	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P465	8. Project Cost (\$000) 45,309	
<p>passenger/freight elevator, emergency generator, trainer, administrative storage, maintenance rooms, and operational storage. The SLC will house valuable equipment that will allow multiple undersea warfare training scenarios, including four applied trainers for subsurface platforms covering functional areas from ship control to attack center communications training. A 2-story high open bay will allow placement of the ship control operator trainer simulator. CSS15 Headquarters will include administrative spaces, Video Teleconference/Conference (VTC) room, secure compartmented information facility, emergency control center, nonsecure internet protocol router network and secure internet protocol router network capability, intrusion detection system, and classified material storage. The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p> <p>Supporting facilities include special foundations, underground electrical distribution, lightning protection, cableway for checkout cables, communications, security protection systems, parking, access roads and aprons, fencing with turnstile pedestrian gate, storm drainage, and utilities (water, sewer, power, fire protection, and telecommunications). Existing overhead power distribution lines will be extended underground. New communications ductbank will be provided to Building 4434, along with a new ductbank between Building 4434 and Marine Drive. An emergency generator building equipped with diesel engine generator will also be constructed.</p> <p>Also included in this project is the complete demolition of the existing submarine squadron facilities at Victor Wharf noted below, along with perimeter chain link fencing, drive way and privately operated vehicle asphalt concrete pavements. The following buildings are to be demolished: Building 3110 (submarine squadron headquarters) 851 square meters, Building K-1 (administration) 429 square meters, Building K-2 (administration) 429 square meters, Building 3115 (academic training/video teleconferences Room) 372 square meters, and Building 3119 (operational storage) 418 square meters.</p>				
<b>11. Requirement:</b> <u>4,526 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> This project constructs a new consolidated joint use Submarine Learning Center training, and Submarine Squadron Headquarters facility. <b>(Current Mission)</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AH) NAVBASE GUAM (APRA HEIGHTS) APRA, GUAM		4. Project Title Consolidated SLC Training & CSS-15 HQ Fac.		
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P465	8. Project Cost (\$000) 45,309	

**REQUIREMENT:**

An adequate and efficiently configured consolidated Submarine Learning Center and Submarine Squadron headquarters facility is required on Guam: 1) To provide the academic and applied team training spaces necessary to maintain proficiency and certification requirements for Guam based and transient submarine crews, and 2) To allow frequent and timely interaction between Headquarters personnel, SLC instructors, and waterfront operations.

Various multiple team trainers to support instruction of homeported and transient submarine crews under various training scenarios are to be installed on Guam. A facility at Polaris Point is needed to house this high value equipment which includes the Submarine Multi-Mission Team Trainer (SMMTT), Ship's Control Operating Trainer (SCOT), Reconfigurable Ship Piloting and Navigation (RSPAN) Trainer, Multi-Reconfigurable Training System (MRTS), Modified Fleet Interactive Display Equipment, with space for classrooms, instructor/administrative offices, and operational storage. The above equipment has new capabilities to provide realistic submarine training scenarios.

The improved training capability provided by this project will maximize the training quality for submarine crews, while minimizing the need to conduct periodic visits to training facilities in Pearl Harbor for proficiency training and recertification.

**CURRENT SITUATION:**

The current Commander Submarine Squadron Fifteen (CSS-15) headquarters facility is housed at Victor Wharf in Building 3110. The headquarters building is undersized and located approximately five miles from Polaris Point. Frequent and timely interaction between headquarters personnel and waterfront operations is crucial to efficient operations, but are hampered by the time and effort required to travel between the facilities at Victor Wharf and Polaris Point. HQ personnel are utilized to operate trainers and provide instruction to the crews, in addition to performing regular squadron assignments, and therefore, are required to be located in close proximity to the training facilities.

The submarine squadron currently utilizes three multi-purpose classrooms in Building 3115 which provides approximately 1,800 SF of class room space. The existing facility, located in the Commander Submarine Squadron 15 compound at Main Base, is undersized and provides only academic classroom space with VTC capabilities. In addition, Guam SSN's are expected to execute highly complex anti-submarine warfare (ASW) exercises. The

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AH) NAVBASE GUAM (APRA HEIGHTS) APRA, GUAM			4. Project Title Consolidated SLC Training & CSS-15 HQ Fac.	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P465	8. Project Cost (\$000) 45,309	
<p>existing shore based trainers in Guam are inadequate for team training requirements needed to support ASW at this level. The existing facilities do not have adequate space to accommodate the SMMTT, SCOT, RSPAN, and MRTS due to be installed on Guam, along with the associated classroom and administrative spaces. Temporary classrooms have been established in trailers on Polaris Point to provide a dedicated space for crew members of the current 3 homeported submarines. However, the situation remains that there are no applied team training facilities in Guam that allow submarine crews to fulfill specialized training requirements.</p> <p>Current planning initiatives consider demolition of existing facilities on Victor Wharf, including the existing CSS-15 headquarters complex, to provide adequate embarkation space for Marine Corps operations that are planned to be relocated to Guam. The location of the Marine embarkation area on Victor Wharf would require new facilities for relocation and reconstruction of the existing CSS-15 headquarters and training facilities.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Submarine crews will not be able to meet training and mission requirements. Guam based submarines will not have access to advanced MCM and ASW training. The improved training capabilities provided by this project will not be available to maximize the training quality for submarine crews. Also submarine crews will periodically be required to conduct costly and time consuming visits to training facilities in Pearl Harbor for proficiency training and recertification. Daily operations of the remotely located CSS15 to support headquarters mission, training, and wharf operations will continue to function inefficiently due to the remoteness of headquarters from the center of its operations at Polaris Point.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				06/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				06/2009
(D) Percent completed as of September 2008				20%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				Yes
(B) Where design was previously used				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AH) NAVBASE GUAM (APRA HEIGHTS) APRA, GUAM			4. Project Title Consolidated SLC Training & CSS-15 HQ Fac.	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P465	8. Project Cost (\$000) 45,309	
3. Total Cost (C) = (A) + (B) = (D) + (E):				
(A) Production of plans and specifications				\$691
(B) All other design costs				\$1,036
(C) Total				\$1,727
(D) Contract				\$1,527
(E) In-house				\$200
4. Contract award:				12/2009
5. Construction start:				01/2010
6. Construction complete:				05/2012
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Electronic Security System	OPN	2011	773	
Furniture/Workstations	OMN	2011	3,000	
Submarine Trainers	OPN	2011	21,500	
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended.				
Activity POC: Philip Caswell			Phone No: 671-339-5113	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N61755(AH) NAVBASE GUAM (APRA HEIGHTS) APRA, GUAM			4. Project Title Consolidated SLC Training & CSS-15 HQ Fac.	
5. Program Element 0815976N	6. Category Code 17135	7. Project Number P465	8. Project Cost (\$000) 45,309	
<p><b>Blank Page</b></p>				

1. Component NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 11 MAY 2009			
3. Installation and Location: N62863 NAVSTA ROTA SP ROTA, SPAIN				4. Command Commander, Navy Region Europe			5. Area Const Cost Index 1.04				
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09-30-08		154	1037	181	0	0	0	155	245	0	1772
B. End FY 2013		157	1062	181	0	0	0	155	245	0	1800
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(5962 Acres)											
B. INVENTORY AS OF 30 SEP 2008 .....											1,442,562
C. AUTHORIZATION NOT YET IN INVENTORY .....											0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											26,278
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											9,235
G. REMAINING DEFICIENCY .....											356,447
<b>H. GRAND TOTAL .....</b>											<b>1,834,522</b>
8. Projects Requested In This Program											
<u>Cat</u>						<u>Design Status</u>					<u>Cost</u>
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>			<u>Scope</u>	<u>(\$000)</u>		
14112	Reception Airfield Facilities			12/2008	05/2009			6086 m2	26,278		
									TOTAL	26,278	
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
14120 Aircraft Fire and Rescue Station											9,235
									TOTAL	9,235	
C. R&M Unfunded Requirement (\$000):											372,803
10. Mission or Major Functions:											
Major air base for Navy anti-submarine warfare and ocean surveillance aircraft (P-3) covering western approaches to Gibraltar, Defense Communications Service in western Mediterranean and eastern Atlantic. Communication facility supports Defense Communications Service in western Mediterranean and maintains continuous contact with US 6th Fleet units afloat. Provides petroleum, oils and lubricants and ammunition storage. Major harbor facility (outside Mediterranean) supports transient 6th Fleet ship's logistics requirements. Military Aircraft Command passenger and cargo terminal.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 11 MAY 2009
3. Installation and Location: N62863 NAVSTA ROTA SP ROTA, SPAIN	4. Command Commander, Navy Region Europe	5. Area Const Cost Index 1.04

**Blank Page**

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62863 NAVSTA ROTA SP ROTA, SPAIN			4. Project Title Reception Airfield Facilities	
5. Program Element 0203176N	6. Category Code 14112	7. Project Number P898	8. Project Cost (\$000) 26,278	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RECEPTION AIRFIELD FACILITIES (65,509 SF)	m2	6,086		18,420
AIR CARGO FACILITY (49,966 SF)	m2	4,642	3,049.31	(14,150)
CHRIMP FACILITY (12,066 SF)	m2	1,121	1,668.58	(1,870)
MHE MAINTENANCE FACILITY (3,477 SF)	m2	323	2,934.83	(950)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
LEED AND EPACT 2005 COMPLIANCE	LS			(930)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(240)
INFORMATION SYSTEMS	LS			(180)
SUPPORTING FACILITIES				5,140
ELECTRICAL UTILITIES	LS			(1,020)
MECHANICAL UTILITIES	LS			(670)
PAVING AND SITE IMPROVEMENTS	LS			(2,080)
SITE PREPARATIONS	LS			(80)
DEMOLITION	LS			(1,290)
SUBTOTAL				23,560
CONTINGENCY (5%)				1,180
TOTAL CONTRACT COST				24,740
SIOH (6.2%)				1,530
SUBTOTAL				26,270
TOTAL REQUEST ROUNDED				26,270
TOTAL REQUEST				26,278
<b>10. Description of Proposed Construction:</b>				
<p>Construct a new Air Cargo Facility consisting of a space for Air Cargo terminal, hazardous cargo storage, fleet services storage, and air cargo terminal administrative spaces. Facility construction will be concrete and/or a structural steel frame building with insulated metal wall panels. Fleet services and support spaces will be heated and cooled and include information systems. Salt tracks will be provided around the facility perimeter to protect cargo from snails. Facility includes two dock levelers on loading docks. Fire protection includes in-rack sprinkler systems in all high stack storage areas. Pavement for the air cargo</p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62863 NAVSTA ROTA SP ROTA, SPAIN			4. Project Title Reception Airfield Facilities	
5. Program Element 0203176N	6. Category Code 14112	7. Project Number P898	8. Project Cost (\$000) 26,278	
<p>laydown area, material handling equipment parking, K-loader parking, and high-line loading area is included.</p> <p>Construct a new Material Handling Equipment (MHE) Maintenance Facility attached to Air Cargo. Facility construction will be concrete and/or a structural steel frame building with insulated metal wall panels. Facility does not require heating and cooling. Facility includes drive through bay for loader which requires concrete pavement for entrance and exit.</p> <p>Construct a new Consolidated Hazardous Material Reutilization and Inventory Management Program (CHRIMP) facility including hazardous material storage. Facility will be a pre-engineered metal building with electrical and mechanical utilities, fire protection system, security and communication systems, and information systems.</p> <p>Force protection measures will comply with European Command (EUCOM) and DOD Construction Standards for a low level of protection and for the EUCOM Baseline IED (improvised explosive device). The admin portion of Air Cargo is considered 'inhabited' and will meet the 25 M AT/FP setback requirement. Buildings will also comply with Spanish and U.S. seismic, fire, and life safety and ventilation criteria.</p> <p>Electrical service overhead to underground conversion: Replace and relocate double-circuit, 12.47 kV overhead primary distribution line with an underground system. Concrete encased duct banks will be installed for both the power and the communications lines. The duct banks will be installed in a new 5 m wide easement which will be located immediately north of the Air Cargo/MHE Facility. Concrete pullboxes will be provided at intervals to facilitate cable installation and connections to existing facilities that are to remain in service. The new underground feeders will reconnect to the existing overhead circuits through new primary riser assemblies at each end of the duck bank runs. The new underground circuits will have a current carrying capacity of 280 amps.</p> <p>The project will conform to anti-terrorism/force protection standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.</p> <p>Demolition: This project demolishes eight buildings including Bldg. 56 (252 m2), Bldg. 144 (372 m2), Bldg. 583 (2015 m2), Bldg. 1855 (301 m2), Bldg. 3154 (188 m2), Bldg. 3155 (246 m2), Bldg. 3156 (246 m2), and Bldg. 3157 (78 m2).</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62863 NAVSTA ROTA SP ROTA, SPAIN			4. Project Title Reception Airfield Facilities	
5. Program Element 0203176N	6. Category Code 14112	7. Project Number P898	8. Project Cost (\$000) 26,278	

11. Requirement: 6,086 m2 Adequate: 0 m2 Substandard: 0 m2

**PROJECT:**

This project constructs a new joint Spanish and US Navy air cargo terminal and hazardous material/waste complex. (Current mission)

**(Current Mission)**

**REQUIREMENT:**

Adequate facilities to provide air cargo support for En-Route mission. Replace CHRIMP facilities which are currently in footprint of new air cargo terminal.

Project is required to implement aviation regional plan recommendations: 1) improve operational and functional relationships through consolidation of scattered facilities, 2) remove and relocate non-conforming land use functions, and 3) modernize airfield and support infrastructure through elimination of operational inefficiencies and construction of adequately sized and energy efficient buildings.

Rota is a "reception" airfield and provides strategic military airlift support for NATO forces (C-5 and C-17) as well as tactical transport support (C-130). Rota provides a vital role in fulfilling the strategic airlift requirements for the European Theater. NAS Rota provides the capacity needed to maintain the required airlift detailed in the NATO contingency operating plans. This airlift includes all personnel, materials, supplies and munitions being transported from continental U.S. or embarking for NATO's southern region. This project supports forces assigned to NATO operations/missions and therefore conforms to NATO eligibility principles.

**CURRENT SITUATION:**

In February 2002, USAF Air Mobility Command established NS Rota as one of six En-Route, strategic air logistics hubs to support United States Transportation Command (TRANSCOM) requirements in Europe, Southwest Asia and Africa. By 2008, construction of aircraft parking and fueling systems will be completed and the Rota airfield will handle widebody C-5s aircraft. The existing cargo terminal was not designed for this mission. They are not adequately sized or located to meet the En-Route requirements.

The basic facility requirement for the air cargo terminal is two times larger than the existing cargo terminal. The terminal lacks logistics support equipment like pallet builders, ball-mats, and self-leveling loading docks. The cargo terminal also handles fleet support services which include supplying transient aircraft with everything from blankets to

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62863 NAVSTA ROTA SP ROTA, SPAIN			4. Project Title Reception Airfield Facilities	
5. Program Element 0203176N	6. Category Code 14112	7. Project Number P898	8. Project Cost (\$000) 26,278	
<p>coffee cups. Half of the supplies are kept at the other end of the airfield due to the lack of space. The Navy struggles to meet Air Mobility Command requirements for quick turnarounds of aircraft due to the scattered, unorganized supplies.</p> <p>The existing MHE maintenance facility is undersized and can only service a pickup truck. K-loaders, used to load/unload aircraft, are 50 ft long and 15 ft wide. Currently, the K-loaders must be driven off the airfield for maintenance. They require road closures and security escorts. One recently hit a parked car during a maintenance trip due to its size and poor maneuverability.</p> <p>The CHRIMP facility is located in the footprint of the proposed air cargo terminal. It is a collection of inadequate, temporary buildings that take up excessive land due to the layout. This location is ideal for airfield operations and using it for collecting hazardous materials is inconsistent with land use plans.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Air cargo requirements will continue to exceed the available space. Cargo will be stored outdoors and create maneuvering problems for material handling equipment.</p> <p>Supplies to support transient aircraft will continue to be stored on the far end of the airfield in an undersized facility. Resupply of aircraft will take additional time due to the poorly designed support infrastructure. As more aircraft parking is completed, delays and bottlenecks will be exacerbated due to the additional aircraft routed through Rota.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date design or Parametric Cost Estimate started				12/2008
(B) Date 35% Design or Parametric Cost Estimate complete				01/2009
(C) Date design completed				05/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				35%
(F) Type of design contract				Design Bid Build
(G) Parametric Estimate used to develop cost				No
(H) Energy Study/Life Cycle Analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design				No
(B) Where design was previously used				N/A

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009										
3. Installation(SA)& Location/UIC: N62863 NAVSTA ROTA SP ROTA, SPAIN			4. Project Title Reception Airfield Facilities											
5. Program Element 0203176N	6. Category Code 14112	7. Project Number P898	8. Project Cost (\$000) 26,278											
<p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$1,297</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$1,945</td> </tr> <tr> <td>(C) Total</td> <td>\$3,242</td> </tr> <tr> <td>(D) Contract</td> <td>\$3,242</td> </tr> <tr> <td>(E) In-house</td> <td>\$0</td> </tr> </table> <p>4. Contract award: 12/2009</p> <p>5. Construction start: 04/2010</p> <p>6. Construction complete: 04/2012</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended.</p> <p>Activity POC: LTjg Thomas Hartung                      Phone No: +34-956-82-2057</p>					(A) Production of plans and specifications	\$1,297	(B) All other design costs	\$1,945	(C) Total	\$3,242	(D) Contract	\$3,242	(E) In-house	\$0
(A) Production of plans and specifications	\$1,297													
(B) All other design costs	\$1,945													
(C) Total	\$3,242													
(D) Contract	\$3,242													
(E) In-house	\$0													

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N62863 NAVSTA ROTA SP ROTA, SPAIN			4. Project Title Reception Airfield Facilities	
5. Program Element 0203176N	6. Category Code 14112	7. Project Number P898	8. Project Cost (\$000) 26,278	
<b>Blank Page</b>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N64482 PLANNING /DESIGN WASHINGTON, DISTRICT OF COLUMBIA			4. Project Title Planning & Design	
5. Program Element	6. Category Code	7. Project Number P210	8. Project Cost (\$000) 166,896	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PLANNING & DESIGN	LS			166,900
DESIGN COSTS	LS			(166,900)
SUBTOTAL				166,900
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				166,900
SIOH (0%)				0
SUBTOTAL				166,900
TOTAL REQUEST ROUNDED				166,900
TOTAL REQUEST				166,896
<b>10. Description of Proposed Construction:</b>				
<p>Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.</p>				
<b>11. Requirement:</b>				
<b>PROJECT:</b>				
Planning and design funds.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
<p>All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those where Design/Build contracting method is used.</p>				
<b>CURRENT SITUATION:</b>				
N/A				
<b>IMPACT IF NOT PROVIDED:</b>				
N/A				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N64482 PLANNING /DESIGN WASHINGTON, DISTRICT OF COLUMBIA			4. Project Title Planning & Design	
5. Program Element	6. Category Code	7. Project Number P210	8. Project Cost (\$000) 166,896	
<p>(A) Date design or Parametric Cost Estimate started</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete</p> <p>(C) Date design completed</p> <p>(D) Percent completed as of September 2008</p> <p>(E) Percent completed as of January 2009</p> <p>(F) Type of design contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy Study/Life Cycle Analysis performed</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design</p> <p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications</p> <p>(B) All other design costs</p> <p>(C) Total <span style="float: right;">\$0</span></p> <p>(D) Contract</p> <p>(E) In-house</p> <p>4. Contract award:</p> <p>5. Construction start:</p> <p>6. Construction complete:</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: N/A</p> <p>Activity POC: <span style="float: right;">Phone No:</span></p>				

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N64481 MINOR CONSTRUCTION WASHINGTON, DISTRICT OF COLUMBIA			4. Project Title Unspecified Minor Construction	
5. Program Element	6. Category Code	7. Project Number P210	8. Project Cost (\$000) 12,483	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
UNSPECIFIED MINOR CONSTRUCTION	LS			12,480
UNSPECIFIED MINOR CONSTRUCTION	LS			(12,480)
SUBTOTAL				12,480
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				12,480
SIOH (0%)				0
SUBTOTAL				12,480
TOTAL REQUEST ROUNDED				12,480
TOTAL REQUEST				12,483
<b>10. Description of Proposed Construction:</b>				
<p>Projects authorized by Title 10 USC 2805 not otherwise authorized by law having an approved cost of \$2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than \$3,000,000. Total request includes funds for supervision, inspection, and overhead.</p>				
<b>11. Requirement:</b>				
<b>PROJECT:</b>				
Unspecified Minor Construction.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of \$2,000,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.				
<b>CURRENT SITUATION:</b>				
N/A				
<b>IMPACT IF NOT PROVIDED:</b>				
N/A				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N64481 MINOR CONSTRUCTION WASHINGTON, DISTRICT OF COLUMBIA			4. Project Title Unspecified Minor Construction	
5. Program Element	6. Category Code	7. Project Number P210	8. Project Cost (\$000) 12,483	
<p>1. Status:</p> <p>(A) Date design or Parametric Cost Estimate started</p> <p>(B) Date 35% Design or Parametric Cost Estimate complete</p> <p>(C) Date design completed</p> <p>(D) Percent completed as of September 2008</p> <p>(E) Percent completed as of January 2009</p> <p>(F) Type of design contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy Study/Life Cycle Analysis performed</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design</p> <p>(B) Where design was previously used</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E):</p> <p>(A) Production of plans and specifications</p> <p>(B) All other design costs</p> <p>(C) Total <span style="float: right;">\$0</span></p> <p>(D) Contract</p> <p>(E) In-house</p> <p>4. Contract award:</p> <p>5. Construction start:</p> <p>6. Construction complete:</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: N/A</p> <p>Activity POC: <span style="float: right;">Phone No:</span></p>				

**DEPARTMENT OF THE NAVY  
NAVY/MARINE CORPS MILITARY FAMILY HOUSING  
CONGRESSIONAL BUDGET SUBMISSION  
FISCAL YEAR 2010  
INDEX**

	<u>Page</u>
<b>INDEX</b>	<b>1</b>
 <b>SUMMARY</b>	
DoN Program Summary	3
Navy Inadequate Unit Elimination Exhibits (FH-7/8)	5
Marine Corps Inadequate Unit Elimination Exhibits (FH-7/8)	15
 <b>LEGISLATIVE LANGUAGE</b>	 <b>25</b>
 <b>NEW CONSTRUCTION</b>	
DoN New Construction Summary	27
Guam, NAVBASE Guam	
<i>DD Form 1390</i>	29
<i>DD Form 1391 (H-952)</i>	31
<i>DD Form 1523</i>	37
Korea, CFA Chinhae, Korea	
<i>DD Form 1391 (H-115)</i>	39
 <b>POST-ACQUISITION CONSTRUCTION</b>	
DoN Post-Acquisition Construction Summary	43
Navy Post-Acquisition Construction	45
Marine Corps Post-Acquisition Construction	55
 <b>ADVANCE PLANNING AND DESIGN</b>	
DoN Advance Planning and Design Summary	65
 <b>INVENTORY AND FUNDING SUMMARY</b>	
DoN Operations and Maintenance Summary	67
DoN Inventory Summary (FH-2)	69
Navy Inventory Summary (FH-2)	71
Marine Corps Inventory Summary (FH-2)	75
 <b>OPERATIONS</b>	
Navy Operations Exhibits (OP-5)	79
Marine Corps Operations Exhibits (OP-5)	87
 <b>UTILITIES</b>	
Navy Utilities Exhibit (OP-5)	95
Marine Corps Utilities Exhibit (OP-5)	97

<b>MAINTENANCE</b>	
Navy Maintenance Exhibit (OP-5)	99
Marine Corps Maintenance Exhibit (OP-5)	101
<b>MAINTENANCE &amp; REPAIR OVER \$20K</b>	
DoN Maintenance Exhibit	103
<b>GFOQ MAINTENANCE &amp; REPAIR OVER \$35K</b>	
DoN GFOQ M&R Over \$35K Exhibit (FH-5)	105
Navy GFOQ O&M Over \$35K Exhibit (FH-9)	111
Marine Corps GFOQ O&M Over \$35K Exhibit (FH-9)	112
Navy GFOQ Greater Than 6,000 NSF Exhibit (FH-10)	113
Marine Corps GFOQ Greater Than 6,000 NSF Exhibit (FH-10)	114
Navy PPV GFOQ FY08 Expenditure Exhibit (FH-12)	115
Marine Corps PPV GFOQ FY08 Expenditure Exhibit (FH-12)	116
<b>REIMBURSABLES</b>	
Navy Reimbursables Exhibit (OP-5)	117
Marine Corps Reimbursables Exhibit (OP-5)	119
<b>LEASING</b>	
DoN Leasing Summary	121
Navy Leasing Summary & Exhibits (FH-4)	123
Navy Leasing Exhibit (OP-5)	129
Marine Corps Leasing Summary & Exhibits (FH-4)	131
Marine Corps Leasing Exhibit (OP-5)	135
<b>PRIVATIZATION</b>	
DoN PPV Summary	137
Navy PPV Narrative & Detailed Summary (FH-6)	139
Navy Awarded Projects Summary	143
Navy Privatization Exhibit (OP-5)	147
Marine Corps PPV Narrative & Detailed Summary (FH-6)	149
Marine Corps Awarded Projects Summary	153
Marine Corps Privatization Exhibit (OP-5)	157
<b>FOREIGN CURRENCY</b>	
Navy Foreign Currency Exchange Data (PB-18)	159
Marine Corps Foreign Currency Exchange Data (PB-18)	161

DEPARTMENT OF THE NAVY  
 FAMILY HOUSING - FY 2010 BUDGET SUMMARY  
 PROGRAM SUMMARY

(In Thousands)

FY 2010 Program	\$515,109
FY 2009 Program	\$756,185

**Purpose and Scope**

This program provides for the support of military family housing functions within the Department of the Navy.

**Program Summary**

**Authorization is requested for:**

- (1) The performance of certain construction summarized hereafter; and
- (2) The appropriation of \$515,109
  - (a) to fund this construction; and
  - (b) to fund partially certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 2010 follows (\$000):

<u>Program</u>	<u>Navy</u>	<u>Marine Corps</u>	<u>DON Total</u>
<b><u>Construction</u></b>			
Appropriation Request	52,420	94,149	146,569
Reimbursements	0	0	0
<b>Total Program</b>	<b>52,420</b>	<b>94,149</b>	<b>146,569</b>
<b><u>Operations, Utilities, PPV Support, Maintenance, Leasing, and Debt Payment</u></b>			
Appropriation Request	334,798	33,742	368,540
Reimbursements	8,000	500	8,500
<b>Total Program</b>	<b>342,798</b>	<b>34,242</b>	<b>377,040</b>
<b><u>Total</u></b>			
Appropriation Request	387,218	127,891	515,109
Reimbursements	8,000	500	8,500
<b>Total Program</b>	<b>395,218</b>	<b>128,391</b>	<b>523,609</b>

BLANK PAGE

**Family Housing, Navy  
Summary of Inadequate Unit Elimination**

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
Beginning Fiscal Year Inventory	57,005	54,391	48,266	44,641	30,304	21,389	9,817	9,649	9,259
Adequate Inventory	34,699	34,647	32,450	31,274	21,701	16,152	9,817	9,649	9,259
Inadequate Inventory	22,306	19,744	15,816	13,367	8,603	5,237	0	0	0
Percent Inadequate	39%	36%	33%	30%	28%	24%	0%	0%	0%
Budget Impact*	2,863	5,608	3,642	14,695	9,226	11,602	0	0	0
Inadequates Reduced <sup>1</sup>	2,562	3,928	2,449	4,764	3,366	5,237	0	0	0
Milcon/O&M	1,283	659	190	69	522	249	0	0	0
PPV (Includes Demolition)	978	1,670	1,403	4,454	2,061	4,765	0	0	0
Demolition/Divestiture <sup>2</sup>	301	1,599	823	241	783	223	0	0	0
Adequate Units PPV	301	1,680	1,193	9,931	5,860	6,365	0	376	0
MILCON Deficit Reduction	160	0	0	0	0	0	0	0	0
Other Inventory Gains/Losses	(1,034)	(69)	561	314	161	255	(168)	15	1,407
Estimated EOY Inadequate Inventory	19,744	15,816	13,367	8,603	5,237	0	0	0	0
Estimated EOY Total Inventory <sup>3</sup>	54,391	48,266	44,641	30,304	21,389	9,817	9,649	9,259	10,666

Note: Inventory adjustments are based on estimated date the units are privatized (No longer requiring FH O&M funds) or year in which budgeted for traditional family housing construction.

<sup>1</sup> FY 2003 includes 33 additional Inadequate Units eliminated via Conversion (shown on FH-8 under "Other Inventory Gains/Losses")

<sup>2</sup> FY 2009 demolition of homes are due to reduced housing requirement & being at the end of their adequate condition.

<sup>3</sup> FY 2003-07 EOY Total Inventory includes adequate homes lost due to divestiture based on reduced housing requirements. The amount for each year is equal to Total Units Demolished/Divested minus the Inadequate Units Demolished/Divested shown on the FH-8 for that FY.

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2002**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2002</b>	<b>57,005</b>	<b>22,306</b>	
<b>FY 2002 traditional projects to eliminate inadequate housing units</b>	<b>0</b>		<b>1,283</b>
H-02-98-3; Annapolis, MD		177	42
H-1-01-2; Barking Sands, HI		69	69
H-12-99; Sasebo, Japan		52	52
H-13-95-4; Yokosuka, Japan		532	96
H-03-98-2; Yokosuka, Japan		532	78
H-13-95-5; Yokosuka, Japan		532	96
H-8-98-2; Guam, Marianas Is.		1,532	44
H-1-02; Keflavik, Iceland		793	95
H-1-01-2; Keflavik, Iceland		793	65
H-2-95-2; London, England		150	70
H-1-95-2; London, England		150	80
H-1-99-2; Meridian, MS		294	118
H-02-02; Hampton Roads, VA		547	12
H-1-95; Hampton Roads, VA		547	25
H-01-04; Patuxent River, MD		686	28
H-5-99; Pensacola, FL		139	36
H-7-99; Pensacola, FL		139	14
H-1-02; Wallops Island, VA		28	28
H-1-97; Whiting Field, FL		452	155
H-377; Pearl Harbor, HI		3,859	70
H-588; Sigonella, Italy		10	10
<b>FY 2002 Privatization Projects</b>	<b>1,279</b>		<b>978</b>
South Texas	781	680	680
New Orleans, LA	498	299	298
<b>Units Demolished/Divested</b>	<b>301</b>		<b>301</b>
Guam, Marianas Is.	106	1,532	106
Jacksonville, FL	5	530	5
Key West, FL	83	994	83
Lakehurst, NJ	24	134	24
Whiting Field, FL	83	452	83
<b>MILCON Deficit Reduction</b>	<b>160</b>	<b>0</b>	<b>0</b>
H-595; Gulfport/Pascagoula, MS	160		
<b>Other Inventory Gains/Losses*</b>	<b>(1,034)</b>	<b>0</b>	<b>0</b>
<b>Units at end of FY 2002</b>	<b>54,391</b>	<b>19,744</b>	<b>2,562</b>

\* Other Inventory Gains/Losses refers to actions such as temporary & permanent diversions, conversions, adds from previously approved construction projects, etc. They do not address the backlog of inadequate units and simply impact the total Navy-owned Inventory.

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2003**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2003</b>	<b>54,391</b>	<b>19,744</b>	
<b>FY 2003 traditional projects to eliminate inadequate housing units</b>	<b>0</b>		<b>659</b>
H-643; Lemoore, CA		368	178
H-669; Brunswick, ME		26	26
H-01-99-5; Ventura, CA		546	215
H-08-03; Washington, DC		1	1
H-03-03; New Orleans, LA		1	1
H-01-01; Thurmont, MD		1	1
H-01-02; Fallon, NV		1	1
H-61-97; Hampton Roads, VA		510	1
H-65-97; Hampton Roads, VA		510	1
H-66-97; Hampton Roads, VA		510	1
H-01-03; Keflavik, Iceland		633	1
H-01-97; Naples, Italy		1	1
H-03-98-3; Yokosuka, Japan		262	129
H-08-98-02; Guam, Marianas Is.		1,382	102
<b>FY 2003 Privatization Projects</b>	<b>3,350</b>		<b>1,670</b>
Beaufort, SC	53	53	53
San Diego, CA	3,297	1,734	1,617
<b>Units Demolished/Divested</b>	<b>2,706</b>		<b>1,599</b>
Annapolis, MD	43	135	0
Earle, NJ	258	24	12
East Sound, WA	3	0	0
Great Lakes, IL	3	682	3
Guam, Marianas Is.	64	1,382	64
Hampton Roads, VA	6	510	6
Jacksonville, FL	6	525	6
Key West, FL	234	911	233
Lakehurst, NJ	12	110	12
Memphis, TN	54	512	0
New London, CT	7	1,606	0
Pearl Harbor, HI	2,016	3,789	1,263
<b>MILCON Deficit Reduction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other Inventory Gains/Losses</b>	<b>(69)</b>	<b>0</b>	<b>0</b>
<b>Units at end of FY 2003</b>	<b>48,266</b>	<b>15,816</b>	<b>3,928</b>

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2004**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2004</b>	<b>48,266</b>	<b>15,816</b>	
<b>FY 2004 traditional projects to eliminate inadequate housing units</b>	<b>0</b>		<b>190</b>
H-671; Lemoore, CA		190	187
H-1-05; Lemoore, CA		190	3
<b>FY 2004 Privatization Projects</b>	<b>2,596</b>		<b>1,403</b>
Monterey, CA	593	252	252
Hawaii Region (PH I)	2,003	2,526	1,151
<b>Units Demolished/Divested</b>	<b>1,590</b>		<b>823</b>
Earle, NJ	11	12	11
Fallon, NV	8	0	0
Great Lakes, IL	50	679	50
Guam, Marianas Is.	418	1,216	418
Hampton Roads, VA	10	501	10
Indian Head, MD	2	161	2
Mayport, FL	16	0	0
Meridian, MS	19	176	19
Newport, RI	78	269	0
Pearl Harbor, HI	2	2,526	0
Roosevelt Roads, PR	974	313	313
Yokosuka, Japan	2	133	0
<b>MILCON Deficit Reduction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other Inventory Gains/Losses</b>	<b>561</b>	<b>0</b>	<b>33</b>
<b>Units at end of FY 2004</b>	<b>44,641</b>	<b>13,367</b>	<b>2,449</b>

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2005**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2005</b>	<b>44,641</b>	<b>13,367</b>	
<b>FY 2005 traditional projects to eliminate inadequate housing units</b>	<b>0</b>		<b>69</b>
H-03-98-4; Yokosuka, Japan	0	133	69
<b>FY 2005 Privatization Projects</b>	<b>14,385</b>		<b>4,454</b>
NE (East)	5,593	2,303	2,303
NW (PH I)	3,098	708	708
Mid-Atlantic	5,694	1,443	1,443
<b>Units Demolished/Divested</b>	<b>266</b>		<b>241</b>
Atlanta, GA	10	0	0
Crane, IN	1	0	0
Earle, NJ	5	1	1
Great Lakes, IL	8	629	4
Guam, Marianas Is.	124	798	124
Pearl Harbor, HI	57	1,375	56
Portsmouth, NH	5	32	0
Keflavik, Iceland	56	632	56
<b>MILCON Deficit Reduction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other Inventory Gains/Losses</b>	<b>314</b>	<b>0</b>	<b>0</b>
<b>Units at end of FY 2005</b>	<b>30,304</b>	<b>8,603</b>	<b>4,764</b>

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2006**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2006</b>	<b>30,304</b>	<b>8,603</b>	
<b>FY 2006 traditional projects to eliminate inadequate housing units</b>	<b>0</b>		<b>522</b>
H-04-97; Atsugi, Japan		114	114
H-649; Guam, Marianas Is.		674	126
H-06-92; Guam, Marianas Is.		674	132
H-12-00; Guam, Marianas Is.		674	22
H-12-98; Guam, Marianas Is.		674	67
H-03-98-5; Yokosuka, Japan		64	61
<b>FY 2006 Privatization Projects</b>	<b>7,921</b>		<b>2,061</b>
Midwest Region	2,764	625	625
San Diego, CA (PH III)	2,668	117	117
Hawaii Region (PH II)	2,489	1,319	1,319
<b>Units Demolished/Divested</b>	<b>1,155</b>		<b>783</b>
Guam, Marianas Is.	106	674	81
Mid-South, TN	126	512	126
Pearl Harbor, HI	34	1,319	0
Keflavik, Iceland*	889	576	576
<b>MILCON Deficit Reduction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other Inventory Gains/Losses</b>	<b>161</b>	<b>0</b>	<b>0</b>
<b>Units at end of FY 2006</b>	<b>21,389</b>	<b>5,237</b>	<b>3,366</b>

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2007**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2007</b>	<b>21,389</b>	<b>5,237</b>	
<b>FY 2007 traditional projects to eliminate inadequate housing units</b>	<b>0</b>		<b>249</b>
H-662; Guam, Marianas Is.		246	134
H-15-00; Guam, Marianas Is.		246	4
H-663; Guam, Marianas Is.		246	108
H-16-01; Yokosuka, Japan		3	1
H-14-01; Yokosuka, Japan		3	1
H-15-01; Yokosuka, Japan		3	1
<b>FY 2007 Privatization Projects</b>	<b>11,130</b>		<b>4,765</b>
SW Region	3,550	331	331
SE Region	7,178	4,173	4,152
Midwest Region PH II (Mid-South, TN)	401	386	282
Mid-Atlantic PH I (Tingey House)*	1	0	0
<b>Units Demolished/Divested</b>	<b>697</b>		<b>223</b>
El Centro, CA	48	0	0
Washington, DC	1	0	0
Jacksonville, FL	33	0	0
Mayport, FL	10	0	0
Pensacola, FL	6	89	0
Whiting Field, FL	1	214	0
Kings Bay, GA	22	631	21
Meridian, MS	12	157	0
Fallon, NV	122	0	0
Charleston, SC	98	1,889	98
Mid-South, TN	192	386	104
Guantanamo Bay, Cuba	89	0	0
Atsugi, Japan	10	0	0
Sasebo, Japan	48	0	0
Rota, Spain	5	0	0
<b>MILCON Deficit Reduction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other Inventory Gains/Losses</b>	<b>255</b>	<b>0</b>	<b>0</b>
Seal Beach, CA	2	0	0
Key West, FL	52	0	0
Gulfport, MS	205	0	0
Newport, RI	(1)	0	0
Sasebo, Japan	55	0	0
Yokosuka, Japan	(58)	0	0
<b>Units at end of FY 2007</b>	<b>9,817</b>	<b>0</b>	<b>5,237</b>

\* GFOQ added after-the-fact to FY05 Mid-Atlantic PH II PPV Project.

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2008**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
<b>Units at beginning of FY 2008</b>	9,817	0	
<b>FY 2008 Traditional MILCON Recapitalization Projects</b>	(19)	0	0
H-481; Guam, Marianas Is.			0
H-06-92-2; Guam, Marianas Is.			0
H-01-03; Guam, Marianas Is.			0
HRC-13-03; Atsugi, Japan			0
H-14-02-1; Sasebo, Japan			0
H-01-02; Chinhae, Korea			0
H-08-02; Rota, Spain (Conversion Project)	(19)		0
<b>FY 2008 Privatization Projects</b>	0	0	0
<b>Units Demolished/Divested</b>	0	0	0
<b>MILCON Deficit Reduction</b>	0	0	0
<b>Other Inventory Gains/Losses</b>	(149)	0	0
London, UK	(131)	0	0
Guam, Marianas Is.	(18)	0	0
<b>Units at end of FY 2008</b>	9,649	0	0

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2009**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2009</b>	<b>9,649</b>	<b>0</b>	
<b>FY 2009 Traditional MILCON Recapitalization Projects</b>	<b>0</b>	<b>0</b>	<b>0</b>
H-541; Guantanamo Bay, Cuba			0
H-543; Guantanamo Bay, Cuba			0
H-544; Guantanamo Bay, Cuba			0
H-02-03; Guam, Marianas Is.			0
HD-16-02; Sasebo, Japan			0
H-15-02-1; Sasebo, Japan			0
H-2-02; Sasebo, Japan			0
<b>FY 2009 Privatization Projects</b>	<b>376</b>	<b>0</b>	<b>0</b>
Mid-Atlantic PH II	376		0
<b>Units Demolished/Divested</b>	<b>29</b>	<b>0</b>	<b>0</b>
Philadelphia, PA	14		0
Ventura, CA	15		0
<b>MILCON Deficit Reduction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other Inventory Gains/Losses</b>	<b>15</b>	<b>0</b>	<b>0</b>
Yokosuka, Japan	15		
<b>Units at end of FY 2009</b>	<b>9,259</b>	<b>0</b>	<b>0</b>

**Department of the Navy  
Family Housing, Navy  
Inadequate Family Housing Units Eliminated in FY 2010**

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
<b>Units at beginning of FY 2010</b>	<b>9,259</b>	<b>0</b>	
<b>FY 2010 Traditional MILCON Recapitalization Projects</b>	<b>0</b>	<b>0</b>	<b>0</b>
H-115; Chinhae, Korea			0
H-952; Guam, Marianas Is.			0
H-12-10; Guam , Marianas Is.			0
H-14-11; Guam, Marianas Is.			0
H-08-03; Rota, Spain			0
HRC-5-07; Atsugi, Japan			0
<b>FY 2010 Privatization Projects</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Units Demolished/Divested</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MILCON Deficit Reduction</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Other Inventory Gains/Losses</b>	<b>1,407</b>	<b>0</b>	<b>0</b>
Sasebo, Japan	88	0	0
Guam, Marianas Is.*	1,319		
<b>Units at end of FY 2010</b>	<b>10,666</b>	<b>0</b>	<b>0</b>

\* Increase associated with gain from Air Force associated with Joint Basing

**Family Housing United States Marine Corps  
Summary of Inadequate Unit Elimination**

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
Beginning Fiscal Year Inventory	23,197	22,987	16,645	16,037	10,000	4,868	917	816	816
Adequate Inventory	6,788	7,011	7,542	8,685	5,972	2,189	917	814	815
Inadequate Inventory	16,409	15,976	9,103	7,352	4,028	2,679	0	2	1
Percent Inadequate	71%	70%	55%	46%	40%	55%	0%	0%	0%
Budget Impact	539	7,277	1,751	6,334	5,152	4,003	0	1	1
Inadequates Reduced	539	6,902	1,751	3,333	1,600	2,679	0	1	1
Milcon/O&M	244	943	957	0	0	175	0	1	1
Privatization	0	5,759	0	3,311	1,582	2,491	0	0	0
Demolition/Divestiture	295	200	794	22	18	13	0	0	0
Adequate units Privatized	0	375	0	3,001	3,552	1,324	0	0	0
MILCON Deficit Reduction	0	6	0	18	0	0	0	0	0
Other Inventory Gains/Losses	35	-14	191	279	20	-123	-101	0	0
Additional Inadequate Units Identified	106	29	0	9	251	0	2	0	0
Estimated EOY Inadequate Inventory*	15,976	9,103	7,352	4,028	2,679	0	2	1	0
Estimated EOY Total Inventory	22,987	16,645	16,037	10,000	4,868	917	816	816	816

Note: Inventory adjustments are based on estimated date the units are privatized (No longer requiring FH O&M funds) or year in which budgeted for traditional family housing construction.

\* Estimated EOY Inadequate Inventory = BOY Inadequate Inventory - Inadequates Reduced + Additional Inadequate Units Identified

**Department of the Navy  
Family Housing, Marine Corps  
Annual Inadequate Family Housing Units Elimination**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Total Units at beginning of FY 2002</b>	<b>23,197</b>	<b>16,409</b>	
<b>FY 2002 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>0</b>		<b>244</b>
H-635/MCAS Yuma, AZ	772	599	51
H-546/MCAGCC Twentynine Palms, CA	1,608	1,148	74
H-571/MCB Hawaii, HI **	2,202	1,786	**
PE-H-0522A-M2/MCB Camp Pendleton, CA	6,164	2,978	40
EI-H-0201-R2/MARBRKS 8th&I Washington, DC	5	5	1
EI-H-0202-R2/MARBRKS 8th&I Washington, DC	5	5	1
EI-H-0402-R2/MARBRKS 8th&I Washington, DC	5	5	1
LE-H-9906-R2/MCB Camp Lejeune, NC *	4,246	2,803	*
LE-H-0202-M2/MCB Camp Lejeune, NC **	4,246	2,803	**
LE-H-0301-M2/MCB Camp Lejeune, NC	4,246	2,803	30
IW-H-0301-R2/MCAS Iwakuni, JA	666	176	44
H-557/MCB Quantico, VA *		1,411	*
EI-H-0501-R2/MARBRKS 8th&I Washington, DC		5	2
CH-H-0001-R2/Westover ARB, Chicopee, MA **		279	**
<b>FY 2002 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>0</b>		<b>0</b>
Phase II/MCB Camp Pendleton, CA *	6,164	2,943	*
<b>FY 2002 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>295</b>		<b>295</b>
MCLB Barstow, CA	363	289	11
MCAS Cherry Point, NC	2,664	2,392	75
MCB Camp Lejeune, NC	4,246	2,803	114
MCAS Beaufort, SC	1,276	1,276	1
MCB Quantico, VA	1,508	1,411	94
<b>Additional inadequate units identified during FY 2002</b>	<b>4</b>		<b>106</b>
MCB Camp Pendleton, CA		2,978	5
MCAGCC Twentynine Palms, CA		1,148	1
MCB Hawaii, HI	4	1,786	4
MCB Quantico, VA		1,411	96
<b>MILCON Deficit Reduction</b>	<b>46</b>		
MCAS Iwakuni, JA (JFIP Construction)	46		
<b>Other Inventory Gains/Losses ##</b>	<b>35</b>		
MCAS Cherry Point, NC (units on-/off line)	-141		
MCB Camp Lejeune, NC (units on-/off line)	60		
MCAGCC Twentynine Palms, CA (units on-/off line)	114		
MCAS Yuma, AZ (units on-/off line)	-2		
MCB Hawaii, HI (units on-/off line)	4		
<b>Total Units at end of FY 2002</b>	<b>22,987</b>	<b>15,976</b>	<b>539</b>

\* Project used as seed funding for PPV in future Fiscal Year

\*\* Project executed in future Fiscal Year

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

<b>Department of the Navy Family Housing, Marine Corps Annual Inadequate Family Housing Units Elimination</b>			
	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Total Units at beginning of FY 2003</b>	<b>22,987</b>	<b>15,976</b>	
<b>FY 2003 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>0</b>		<b>943</b>
H-547/MCAGCC Twentynine Palms, CA	1,722	1,075	76
H-563/MCB Hawaii, HI #	2,210	1,790	10
H-613/MCB Camp Lejeune, NC	4,192	2,659	317
YU-H-0124-M2/MCAS Yuma, AZ	770	548	96
IW-H-0302-R2/MCAS Iwakuni, JA	712	132	44
IW-H-0304-R2/MCAS Iwakuni, JA	712	132	44
CH-H-0001-R2/Westover JARB, Chicopee, MA *	279	279	124
LE-H-0202-M2/MCB Camp Lejeune, NC * & #	4,192	2,659	60
H-571/MCB Hawaii, HI *	2,210	1,790	172
<b>FY 2003 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>6,134</b>		<b>5,759</b>
Phase II/MCB Camp Pendleton, CA **	6,164	2,943	2,939
MCAS Beaufort, SC/MCRD Parris Island, SC **	1,506	1,505	1,505
H-620/MCB Quantico, VA **	1,414	1,413	1,310
MCRD San Diego, CA	5	5	5
<b>FY 2003 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>201</b>		<b>200</b>
MCLB Barstow, CA	352	352	74
MCAS Cherry Point, NC	2,448	2,317	0
MCSA Kansas City, MO	240	240	6
MCB Quantico, VA	1,414	1,413	103
MCB Camp Pendleton, CA (MWTC Bridgeport)	6,164	2,943	1
MCB Camp Pendleton, CA	6,164	2,943	2
Westover JARB, Chicopee, MA	279	279	14
<b>Additional inadequate units identified during FY 2003</b>	<b>1</b>		<b>29</b>
MCAGCC Twentynine Palms, CA		1,075	28
MCLB Barstow, CA (Single Family Unit Converted to Duplex)	1		1
<b>MILCON Deficit Reduction</b>	<b>6</b>		
JFIP/MCAS Iwakuni, JA	6		
<b>Other Inventory Gains/Losses ##</b>	<b>-14</b>		
MCB Camp Lejeune, NC (units on-/off line)	136		
MCAGCC Twentynine Palms, CA (units on-/off line)	-125		
MCAS Yuma, AZ (units on-/off-line)	51		
MCB Hawaii, HI (units on-/off-line)	-76		
<b>Total Units at end of FY 2003</b>	<b>16,645</b>	<b>9,103</b>	<b>6,902</b>

\* Project Authorized in previous Fiscal Year, executed in this Fiscal Year

\*\* Includes Prior Year PPV seed funding

# Project partially executed in future Fiscal Year

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

<b>Department of the Navy Family Housing, Marine Corps Annual Inadequate Family Housing Units Elimination</b>			
	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2004</b>	<b>16,645</b>	<b>9,103</b>	
<b>FY 2004 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>0</b>		<b>957</b>
H-608/MCAS Cherry Point	2,447	2,317	339
H-614/MCB Camp Lejeune, NC	4,328	2,282	358
H-656/MCB Camp Lejeune, NC	4,328	2,282	161
IW-H-0303-R2/MCAS Iwakuni, JA	718	44	44
H-563/MCB Hawaii, HI *	2,134	1,608	55
<b>FY 2004 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>0</b>		<b>0</b>
<b>FY 2004 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>799</b>		<b>794</b>
Westover ARB, Chicopee, MA	265	141	133
MCLB Albany, GA	669	419	419
MCLB Barstow, CA	279	278	103
MCAS Cherry Point, NC	2,447	2,317	0
MCB Camp Lejeune, NC	4,328	2,282	2
MCB Hawaii, HI	2,134	1,068	0
MCAGCC Twentynine Palms, CA	1,597	1,027	136
MCLB Barstow, CA (Duplex Converted to Single Family Unit)	279		1
<b>Projects added by Congress</b>	<b>0</b>		<b>0</b>
<b>Additional inadequate units identified during FY 2004</b>	<b>0</b>		<b>0</b>
<b>MILCON Deficit Reduction</b>	<b>0</b>		<b>0</b>
<b>Other Inventory Gains/Losses ##</b>	<b>191</b>		<b>0</b>
MCAS Cherry Point, NC (units on-/off line)	140		0
MCB Hawaii, HI	137		0
MCB Camp Lejeune, NC (units on-/off line)	-194		0
MCAGCC Twentynine Palms, CA	108		
<b>Total Units at end of FY 2004</b>	<b>16,037</b>	<b>7,352</b>	<b>1,751</b>

\* Project Authorized in previous Fiscal Year, partially executed in this fiscal year

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

<b>Department of the Navy Family Housing, Marine Corps Annual Inadequate Family Housing Units Elimination</b>			
	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2005</b>	<b>16,037</b>	<b>7,352</b>	
<b>FY 2005 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>0</b>		<b>0</b>
<b>FY 2005 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>6,312</b>		<b>3,311</b>
MCAS Yuma, AZ PPV **	821	452	452
Phase III/MCB Camp Pendleton, CA **	2,848	1	0
H-609/MCAS Cherry Point, NC	2,585	1,978	400
MCSA Kansas City, MO PPV	234	234	234
MCB Camp Lejeune, NC PPV **	4,132	1,761	1,035
Stewart Army Subpost, New Windsor, NY	299	299	299
MCAGCC Twentynine Palms, CA PPV	1,567	891	891
<b>FY 2005 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>22</b>		<b>22</b>
MCB Camp Lejeune, NC	<b>4,132</b>	1,761	22
<b>Additional inadequate units identified during FY 2005</b>	<b>0</b>		<b>9</b>
MCB Hawaii, HI	2,335	1,553	9
<b>MILCON Deficit Reduction</b>	<b>18</b>		<b>0</b>
JFIP MCAS Iwakuni, JA	18		0
<b>Other Inventory Gains/Losses ##</b>	<b>279</b>		<b>0</b>
MCAS Cherry Point, NC (units on-/off-line)	0		
MCB Camp Lejeune, NC (units on-/off line)	214		
MCB Hawaii, HI	65		
<b>Total Units at end of FY 2005</b>	<b>10,000</b>	<b>4,028</b>	<b>3,333</b>

\*\* Includes Prior Year PPV seed funding

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

<b>Department of the Navy Family Housing, Marine Corps Annual Inadequate Family Housing Units Elimination</b>			
	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2006</b>	<b>10,000</b>	<b>4,028</b>	
<b>FY 2006 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>0</b>		<b>0</b>
<b>FY 2006 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>5,134</b>		<b>1,582</b>
MCAS Cherry Point, NC	2,030	1,578	800
MCB Hawaii Kaneohe Bay, HI PPV	2,335	1,562	614
MCB Camp Lejeune, NC PPV	1,600	704	167
MCB Camp Pendleton, CA PPV	2,772	1	1
<b>FY 2006 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>18</b>		<b>18</b>
Westover JARB Chicopee, MA	132	8	8
MCB Camp Lejeune, NC	1,600	704	5
MCB Hawaii Kaneohe Bay, HI	2,355	1,562	5
<b>Additional inadequate units identified during FY 2006</b>	<b>0</b>		<b>251</b>
MCLB Albany, GA PPV	250	0	250
MCAS Cherry Point, NC	2,030	1,578	1
<b>MILCON Deficit Reduction</b>	<b>0</b>		<b>0</b>
<b>Other Inventory Gains/Losses ##</b>	<b>20</b>		<b>0</b>
MCAS Cherry Point, NC	20		
<b>Total Units at end of FY 2006</b>	<b>4,868</b>	<b>2,679</b>	<b>1,600</b>

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

<b>Department of the Navy Family Housing, Marine Corps Annual Inadequate Family Housing Units Elimination</b>			
	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2007</b>	<b>4,868</b>	<b>2,679</b>	
<b>FY 2007 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>0</b>		<b>175</b>
H-654/MCLB Barstow, CA	175	175	175
<b>FY 2007 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>3,815</b>		<b>2,491</b>
MCLB Albany, GA PPV	250	250	250
MCAS Cherry Point, NC PPV	1,214	779	779
MCB Hawaii Kaneohe Bay, HI PPV	1,155	943	930
MCB Camp Lejeune, NC PPV	1,207	532	532
Westover JARB Chicopee, MA	124	0	0
<b>FY 2007 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>13</b>		<b>13</b>
MCB Hawaii Kaneohe Bay, HI	1,155	943	13
<b>Additional inadequate units identified during FY 2007</b>	<b>0</b>		<b>0</b>
<b>MILCON Deficit Reduction</b>	<b>0</b>		<b>0</b>
<b>Other Inventory Gains/Losses ##</b>	<b>-123</b>		<b>0</b>
MCAS Cherry Point, NC	-122		
MCB Camp Pendleton, CA	-1	0	0
<b>Total Units at end of FY 2007</b>	<b>917</b>	<b>0</b>	<b>2,679</b>

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

**Department of the Navy  
Family Housing, Marine Corps  
Annual Inadequate Family Housing Units Elimination**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2008</b>	<b>917</b>	<b>0</b>	
<b>FY 2008 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>0</b>		<b>0</b>
<b>FY 2008 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>0</b>		<b>0</b>
<b>FY 2008 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>0</b>		<b>0</b>
<b>Additional inadequate units identified during FY 2008</b>	<b>0</b>		<b>2</b>
MARBRKS 8th & I Streets, Washington DC	5	2	2
<b>MILCON Deficit Reduction</b>	<b>0</b>		<b>0</b>
<b>Other Inventory Gains/Losses ##</b>	<b>-101</b>		<b>0</b>
MCLB Barstow, CA	-101		0
<b>Total Units at end of FY 2008</b>	<b>816</b>	<b>2</b>	<b>0</b>

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

**Department of the Navy  
Family Housing, Marine Corps  
Annual Inadequate Family Housing Units Elimination**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2009</b>	<b>816</b>	<b>2</b>	
<b>FY 2009 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>5</b>		<b>1</b>
FHOPS M&R/MARBRKS 8th&I Streets, Washington, DC	5	2	1
<b>FY 2009 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing units</b>	<b>0</b>		<b>0</b>
<b>FY 2009 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>0</b>		<b>0</b>
<b>Additional inadequate units identified during FY 2009</b>	<b>0</b>		<b>0</b>
<b>MILCON Deficit Reduction</b>	<b>0</b>		<b>0</b>
<b>Other Inventory Gains/Losses ##</b>	<b>0</b>		<b>0</b>
			0
<b>Total Units at end of FY 2009</b>	<b>816</b>	<b>1</b>	<b>1</b>

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

**Department of the Navy  
Family Housing, Marine Corps  
Annual Inadequate Family Housing Units Elimination**

	<b>Total Inventory</b>	<b>Total Inadequate Inventory</b>	<b>Total Inadequate Addressed</b>
<b>Units at beginning of FY 2010</b>	<b>816</b>	<b>1</b>	
<b>FY 2010 total traditional military construction (Milcon) projects to eliminate inadequate housing units</b>	<b>5</b>		<b>1</b>
EI-H-1001-R2/MARBRKS 8th&I Streets, Washington, DC	5	1	1
<b>FY 2010 total units privatized (no longer required FH O&amp;M) to eliminate inadequate housing</b>	<b>0</b>		<b>0</b>
<b>FY 2010 total units demolished/divested or otherwise permanently removed from family housing inventory</b>	<b>0</b>		<b>0</b>
<b>Additional inadequate units identified during FY 2010</b>	<b>0</b>		<b>0</b>
<b>MILCON Deficit Reduction</b>	<b>0</b>		<b>0</b>
<b>Other Inventory Gains/Losses ##</b>	<b>0</b>		<b>0</b>
<b>Total Units at end of FY 2010</b>	<b>816</b>	<b>0</b>	<b>1</b>

## Other Inventory Gains/Losses refers to actions such as temporary and permanent diversions, conversions, add from previously approved construction projects. They do not address the backlog of inadequate units and simply impact the total Marine Corps-owned inventory.

**FAMILY HOUSING, NAVY AND MARINE CORPS**  
**FISCAL YEAR 2010**

FAMILY HOUSING CONSTRUCTION, NAVY AND MARINE COPRS

For expenses of family housing for the Navy and Marine Corps for construction, including acquisition, replacement, addition, expansion, and extension and alteration, as authorized by law, [\$380,123,000] \$146,569,000 to remain available until September 30, [2013] 2014.

FAMILY HOUSING OPERATIONS AND MAINTENANCE, NAVY AND MARINE  
CORPS

For expenses of family housing for the Navy and Marine Corps for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, [\$376,062,000] \$368,540,000.

BLANK PAGE

DEPARTMENT OF THE NAVY  
 FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
CONSTRUCTION OF NEW HOUSING

(In Thousands)

FY 2010 Program \$ 25,106  
 FY 2009 Program \$ 59,943

Purpose and Scope

This program provides for land acquisition, site preparation, acquisition and construction, and initial outfitting with fixtures and integral equipment of new and replacement family housing units and associated facilities such as roads, driveways, walks, and utility systems.

Program Summary

Authorization is requested for:

- (1) Construction of 30 replacement homes; construction of a new Welcome Center/Warehouse/Self-Help facility and,
- (2) Appropriation of \$25,106,000 to fund this construction program.

<u>Activity</u>	<u>Mission</u>	<u>No. of Homes</u>	<u>Amount</u>
<u>NAVY</u>			
NAVBASE Guam	Current	30	\$ 20,730
CFA Chinhae, Korea	Current	<u>N/A</u>	<u>\$ 4,376</u>
<b>TOTAL</b>		<b>30</b>	<b>\$ 25,106</b>

BLANK PAGE

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>									2. Date 17 APR 2009
3. Installation and Location NAVBASE GUAM GUAM, GUAM				4. Command				5. Area Const. Cost Index 2.64		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
	a.As Of 09/30/08	500	3,870	296	0	0	0	71	544	0
b.End FY 2013	482	3,159	295	0	0	0	71	544	0	4,551
<b>7. INVENTORY DATA (\$000)</b>										
a. TOTAL ACREAGE ..... ( 1,090 Acres) .....										
b. INVENTORY TOTAL AS OF 30 Sep 08 .....										990,506
c. AUTHORIZATION NOT YET IN INVENTORY .....										47,167
d. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										20,730
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
f. PLANNED IN NEXT THREE PROGRAM YEARS .....										0
g. REMAINING DEFICIENCY .....										0
<b>h. GRAND TOTAL .....</b>										<b>1,058,403</b>
8. Projects Requested In This Program:										
Category					Cost		Design Status			
<u>Code</u>	<u>Project Title</u>			<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>			
711	Family Housing			30	20,730	Turnkey				
9. Future Projects:										
a. Included in the following program						0 Replacement Homes				
b. Major planned next three years						0 Replacement Homes				
c. Family housing revitalization backlog (replacement, improvements, major repairs)						\$0 M				
10. Mission or Major Functions:										
To provide infrastructure, services, and support to Naval Forces, tenant activities and other customers. U.S. Naval Forces Marianas oversees the U.S. Navy's largest and most strategic island base located in the Western Pacific. 160,000 residents and more than 12,000 military members and their families. Guam is the most populated island in the geographical area known as Micronesia. U.S. Naval Forces Marianas serves as the representative to Commander, U.S. Pacific Fleet. They coordinate all shore-based Naval personnel and shore activities in Guam as well as the Navy's representative to the Guam community.										

BLANK PAGE

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2. Date 17 APR 2009
----------------------	---	------------------------

3. Installation and Location: NAVBASE GUAM GUAM, GUAM	4. Project Title REPLACEMENT, 30 UNITS AT NORTH TIPALAO PHASE III
---	---

5. Program Element 0808741N	6. Category Code 711	7. Project Number H-952	8. Project Cost (\$000) AUTH: \$20,730 APPR: \$20,730
--------------------------------	-------------------------	----------------------------	---

**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
Family Housing:	FA	30	442,467	13,274
Buildings	GSM	4,530	2,739	(12,406)
Renewable Energy Source Costs/Unit	EA	30	5,700	(171)
Other Special Construction/Unit	EA	30	23,233	(697)
Supporting Costs:				5,316
Lot Costs				(0)
Site Improvements				(945)
Utility Mains				(1,332)
Streets				(288)
Landscaping				(709)
Recreation				(480)
Environmental				(1,165)
Demolition				(66)
Other Site Work				(331)
Land Purchase				(0)
Subtotal				18,590
Contingency (5%)				930
Total Contract Cost				19,520
SIOH (6.2%)				1,210
Project Cost				20,730

**10. DESCRIPTION OF PROPOSED CONSTRUCTION**

This project proposes to construct fifteen (15) one story duplex reinforced concrete and/or pre-cast reinforced concrete typhoon shelter/ housing structures for Guam's hot humid climate. This is a total of thirty (30) three-bedroom family housing units. The fifteen (15) new duplex buildings will replace an equivalent number of old housing units that have been demolished in Phases I and II. The new housing units are to be designed vent-less and using hot humid design principles that apply to the Guam environment. These housing unit structures are to be built with reinforced concrete foundations, concrete floors, concrete walls, and concrete 4:12 minimum sloped roofs designed for 170 mph wind speed, exposure D, to withstand Guam's frequent typhoons. The structures will also be constructed for Zone 4 seismic conditions. As a safety issue, the Guam Navy families will take shelter in these housing units during

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date 17 APR 2009
3. Installation and Location: NAVBASE GUAM GUAM, GUAM		4. Project Title REPLACEMENT, 30 UNITS AT NORTH TIPALAO PHASE III	
5. Program Element 0808741N	6. Category Code 711	7. Project Number H-952	8. Project Cost (\$000) AUTH: \$20,730 APPR: \$20,730

typhoons. Other safety and health design issues that will be addressed in this project, are as follows. A mechanical radon mitigation system which will comply with Environmental Protection Agency (EPA) & Navy Radon Assessment Mitigation Program (NAVRAMP) standards will be provided in each housing unit. Condensation, moisture, and mold are to be addressed in this project through the design of the mechanical systems. This includes dehumidification, plus the proper choice of materials and coatings that resist mold, are self cleaning, have low maintenance, and prevent holding and penetration of moisture. Other issues that will be addressed in this project are termite resistant design, selection of materials and designs to address corrosion from the moist wind driven salt air Guam environment, providing separate emergency generator hook-up and separate electrical systems for frequent and long periods of electrical outages caused by high winds, power outages and typhoons and the installation of carbon monoxide detectors. This project's housing units shall be Energy Policy Act (EPA) certified Energy Star. Section 106 requirements and archaeological monitoring are a part of this project. The project will require asbestos, lead containing material, chlordane, mold, and PCB to be abated. The new duplexes will provide a significant upgrade in architectural appearance and functionality over the old housing units. To prevent bunker-like looking buildings and the common problem of leaking related to flat roofs, minimum roof slopes of 4:12 are required due to the heavy rains. Flat roofs or low sloped roofs are a major problem in housing. Exterior insulation on roofing is also a major problem as it easily gets damaged from flying debris during high winds.

In compliance with Family Housing United Facilities Criteria (UFC) 4-711-01, the following tests shall be performed prior to occupancy of the dwelling units. Testing for envelope and duct leakage; testing for air pressure relationships under operating conditions; testing for proper ventilation of combustion equipment and appliances under operating conditions; and testing of carbon monoxide output of combustion equipment and appliances. In addition, carbon monoxide detectors shall be installed inside the residential units and in the enclosed garage in accordance with UFC-711-01 requirements.

As indicated in the attached drawings, nine (9) duplex buildings shall be Type A, five (5) shall be Type B and one (1) shall be Type A1 (ADA). Each housing unit shall be complete with the following features:

Exterior Building Features: One car garage with corrosion resistant door opener; concrete driveway/parking; covered screened patio with storm shutters; exterior storage; entrance porch; courtyard with privacy fencing; trash enclosure with gate and trash container tie down ring; 170 mph wind speed exposure D rated garage door,

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date 17 APR 2009
3. Installation and Location: NAVBASE GUAM GUAM, GUAM		4. Project Title REPLACEMENT, 30 UNITS AT NORTH TIPALAO PHASE III	
5. Program Element 0808741N	6. Category Code 711	7. Project Number H-952	8. Project Cost (\$000) AUTH: \$20,730 APPR: \$20,730

exterior doors, windows, and hinged colonial style storm shutters with polycarbonate protective back sheets; wall coatings that are mildew resistant and self cleaning; roofing elastomeric membrane system that is mold resistant and self cleaning; incoming telephone, cable and electrical services to building shall be protected in an exterior closet; mechanical exterior equipment shall be surrounded by solid screen wall and solid gate; exterior envelope of the housing unit to have continuous vapor barrier that goes under slabs on grade, around footings, exterior walls, soffits and roofs as per designing for hot humid climates. The interior wall of the garage and the rest of the living space shall be reinforced Concrete Masonry Units and interior garage entrance door shall meet the 170 mph exposure D wind speed and be fire rated. (Note - 80% of the roof failures during Hurricane Andrew was due to the garage doors failing. On Guam, this would put the families at risk). All exterior hardware, framing, fasteners, mechanical disconnects and electrical boxes, transformers, switch gear are to be stainless steel.

Interior Building Features: Certified Energy Star housing, energy star rated appliances; energy efficient air conditioning supplemented by dehumidifier; low-flow plumbing fixtures; generator hook-up connection and separate emergency electrical system; fire protection in accordance with UFC 3-600-01; telephone and internet outlets; cable TV pull boxes; corrosion resistant energy efficient light fixtures; ceiling fans; minimum ceiling height 9'0"; emergency back-up lighting in living/dining areas, hallways, bedrooms and kitchen; ceramic tile flooring; paperless drywall to prevent mold growth; interior spray-on foam insulation for walls and under the roof concrete slab to prevent mold problems and seal off exterior structures from moisture penetration; vertical blinds shall be used on all windows; indoor corrosion shall be addressed using dehumidification, plastics, non-ferrous metals and stainless steel; conditioned interior storage spaces are important for protection of tenant's property from corrosion, moisture and mold damage; design indoor air quality using dehumidification for prevention of mold and ductwork plan that allows periodic duct cleaning; master bath to be shower only and other bathrooms to be tub/shower.

Design of the duplex reinforced concrete structures, other site structures, exterior doors, windows, storm shutters and roofing shall meet the Marianas Region Architectural and Construction Standards (MRACS) 170 MPH wind speed exposure D and Zone 4 seismic loading.

Site work shall include the installation of underground utilities for water, storm, sewer, power, cable TV, telephone and streetlights. Pad mounted transformers will be stainless steel and have decorative solid concrete enclosures with solid security gates. There will be minimum grading of the sites with roof downspouts connected to

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>		2. Date 17 APR 2009
3. Installation and Location: NAVBASE GUAM GUAM, GUAM		4. Project Title REPLACEMENT, 30 UNITS AT NORTH TIPALAO PHASE III	
5. Program Element 0808741N	6. Category Code 711	7. Project Number H-952	8. Project Cost (\$000) AUTH: \$20,730 APPR: \$20,730

the storm drainage system. The removal of existing AC paving and reconstruction with new AC paving will be done on Columbus Circle (Project 1A). The road reconstruction also includes sidewalks, curbs, gutters, ramps, signage, and pavement markings. Reconstruction of the AC pavement along Valencia Street (Project 1B) and Magellan Avenue (Project 1C) are already included in the North Tipalao Phases I & II projects. Mailboxes shall be installed at each project site (1A, 1B, & 1C). A covered bus shelter shall be constructed at Columbus Circle. The project site shall be landscaped upon completion of work and tot lots shall be provided at Sites 1A and 1B. The construction of multi-recreation facilities and jogging trails are already included in the Phases I and II projects.

The specific work required for this project is as follows:

- Grading, roads, driveways, sidewalks, curbs, gutters, ramps, street lights and signage
- Installation of underground utilities for water, storm, power, sewer, cable TV, and telephone
- Abating of asbestos containing material, lead containing material, chlordane, PCB and mold
- Construct fifteen (15) one story duplex reinforced concrete and/or pre-cast reinforced concrete typhoon shelter/ housing structures for Guam's hot humid climate
- EPA Certified Energy Star housing units
- Preventive design measures for condensation, moisture penetration and mold growth through selection of materials, coatings & mechanical systems with the use of dehumidification
- Construction of one bus shelter and installation of mailboxes
- Garage doors, exterior doors, windows, storm shutters, housing structures and site structures shall meet the MRACS 170 mph wind speed exposure D and Zone 4 seismic loading
- Landscaping
- Preventive design for Guam's corrosive environment and termites
- Section 106 requirements and archaeological monitoring required
- Radon mitigation system
- Demolition
- Fire alarm system, as well as carbon monoxide detectors
- Provide tot lots

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2. Date 17 APR 2009
----------------------	---	------------------------

3. Installation and Location: NAVBASE GUAM GUAM, GUAM	4. Project Title REPLACEMENT, 30 UNITS AT NORTH TIPALAO PHASE III
---	---

5. Program Element 0808741N	6. Category Code 711	7. Project Number H-952	8. Project Cost (\$000) AUTH: \$20,730 APPR: \$20,730
--------------------------------	-------------------------	----------------------------	---

Paygrade	Bedrooms	NSF	GSF	GSM	Project Factor	Cost Per GSM	No. Units	(\$000) Total
E1-E6	3	1,315	1,631	151	2.904	\$943	30	12,406
Total Project Size:		39,450	48,930	4,530			30	12,406

**11. REQUIREMENT**

PROJECT:

This project proposes to construct thirty (30) three-bedroom family housing units for Junior Enlisted families in North Tupalao Housing Area.

(Current Mission)

REQUIREMENT:

Adequate and permanent housing facilities are required to support married junior enlisted personnel and their families in Guam. The construction of 30 family housing units at North Tupalao will significantly upgrade the quality of family housing units available for occupancy and will bring the housing units up to acceptable standards. In addition, Guam Navy families will take shelter in these housing units during strong typhoon.

The new thirty (30) housing units shall comply with the MRACS, the Unified Facilities Criteria (UFC) 4-711-01 Family Housing, UFC 3-600-01 Fire Protection Engineering for Facilities and mechanical radon mitigation system which will comply with Environmental Protection Agency/Naval Radon Assessment Program (EPA/NAVRAMP) standards will be provided in each housing unit. In addition, the new housing units shall comply with Energy Policy Act (EPA) 2005 and will achieve U.S Green Building Council (USGBC) Leadership in Energy & Environmental Design (LEED Silver-Level Rating Certification with plaque, Executive Order 13123 and the certified Energy Star requirements. These requirements were not considered in the North Tupalao Phases I and II contracts.

CURRENT SITUATION:

The 30 junior enlisted 2-bedroom units were demolished in the awarded Phase I project of 126 units (Phase I requires demolition of 126 units and construction of 96 units only). The 30 units were deducted due to budget constraint. The demolished 30 units, 2-bedroom units will be replaced with new 30 junior enlisted 3-bedroom units.

IMPACT IF NOT PROVIDED:

Failure to execute the project will deprive the Navy Housing of thirty (30) new family housing units for occupancy by active military personnel. Military personnel will be forced to choose between involuntary separation from their families or accepting housing that is unsuitable for occupancy. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be

1.Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2.Date 17 APR 2009
---------------------	---	-----------------------

3. Installation and Location: NAVBASE GUAM GUAM, GUAM	4. Project Title REPLACEMENT, 30 UNITS AT NORTH TIPALAO PHASE III
---	---

5.Program Element 0808741N	6.Category Code 711	7. Project Number H-952	8. Project Cost (\$000) AUTH: \$20,730 APPR: \$20,730
-------------------------------	------------------------	----------------------------	---

adversely affected.

In addition, a delay in the execution of this Phase III project may increase the construction cost especially if the Phase I & II project has been completed. The Contractor will need to demolish newly paved road for utilities connections, thus increasing the cost. This may also create inconveniences to the Phase I & II future residents.

Activity POC: Ms. Benilda Dela Pena

Phone No: (671)339-2495

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT (YYMMDD) <b>080522</b>	2. FISCAL YEAR <b>2010</b>	REPORT CONTROL SYMBOL DD-A&L(AR)1716		
3. DOD COMPONENT <b>NAVY</b>					4. REPORTING INSTALLATION				
5. DATA AS OF <b>MARCH 2008</b>					a. NAME <b>GUAM NAVBASE COMNAVMARIANAS PG</b>			b. LOCATION <b>GUAM</b>	
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT (FY2010)				PROJECTED (FY2013)				
	OFFICER (a)	E9-E7 (b)	E6-E1 (c)	Total (d)	OFFICER (e)	E9-E7 (f)	E6-E1 (g)	Total (h)	
6. TOTAL PERSONNEL STRENGTH	728	607	3807	5142	710	487	3216	4413	
7. PERMANENT PARTY PERSONNEL	657	552	3318	4527	639	432	2727	3798	
8. GROSS FAMILY HOUSING REQUIREMENTS	439	398	1373	2210	428	310	1140	1878	
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)	94	136	660	890					
a. INVOLUNTARILY SEPARATED	0	0	0	0					
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	0	0					
c. UNACCEPTABLY HOUSED IN COMMUNITY	94	136	660	890					
10. VOLUNTARY SEPARATIONS	18	29	97	144	18	21	78	117	
11. EFFECTIVE HOUSING REQUIREMENTS	421	369	1276	2066	410	289	1062	1761	
12. ADEQUATE ASSETS (a + b)	425	270	1117	1812	422	250	1078	1750	
a. UNDER MILITARY CONTROL	346	206	953	1505	346	206	953	1505	
(1) Housed in Existing DOD Owned/Controlled	248	169	452	869	346	206	953	1505	
(2) Under Contract/Approved					0	0	0	0	
(3) Vacant	54	37	99	190					
(4) Inactive	44	0	402	446					
b. PRIVATE HOUSING	79	64	164	307	76	44	125	245	
(1) Acceptably Housed	79	64	164	307					
(2) Vacant Rental Housing									
13. EFFECTIVE HOUSING DEFICIT (11-12)	-4	99	159	254	-12	39	-16	11	
14. PROPOSED PROJECT					0	0	0	0	
15. REMARKS:									
<p>Programming decisions are to be based on projected data line 13 columns (e) through (h) only.</p> <p>Line 12.a. columns (a) through (d) reflect the demolition of 106 units at South Finegayan in SEP 2007.</p> <p>Line 12.b. PRIVATE HOUSING data is based on the Housing Requirements Market Analysis dated 30 March 2007 as updated for baseloading.</p>									

BLANK PAGE

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2. Date 17 APR 2009
----------------------	---	------------------------

3. Installation and Location: COMMANDER FLEET ACTIVITY CHINHAE, SOUTH KOREA	4. Project Title CONSTRUCT FH WELCOME CENTER, WAREHOUSE, SELF-HELP
---	--

5. Program Element 0808741N	6. Category Code 711	7. Project Number H-115	8. Project Cost (\$000) AUTH: \$4,376 APPR: \$4,376
--------------------------------	-------------------------	----------------------------	---

**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
Family Housing:	FA			0
Buildings	GSM			( )
Supporting Costs:				3,924
Lot Costs				(200)
Site Improvements				(141)
Utility Mains				(626)
Streets				(93)
Landscaping				(135)
Recreation				(0)
Environmental				(112)
Demolition				(0)
Other Site Work				(88)
Land Purchase				(0)
Housing Office	LS	1	1,323,000	(1,323)
Housing Warehouse	LS	1	1,206,000	(1,206)
Subtotal				3,924
Contingency (5%)				196
Total Contract Cost				4,120
SIOH (6.2%)				255
Rounding Adjustment				1
Project Cost				4,376

**10. DESCRIPTION OF PROPOSED CONSTRUCTION**

Construct a 2-story Family Housing Welcome Center, self help and warehouse facility northwest of the old antenna pad. The 3,600 SF Family Housing Welcome center consists of the Family Housing (FH) Office, FH conference room, FH waiting area, Welcome Center, Multi-use community center space, kitchen/break room and separate male and female restrooms. The FH Office, conference room, waiting area, and welcome center will be located on the first floor. The multi-use community center space, kitchen/break room and separate male and female restrooms will be located on the second floor with an open deck. The 1,200 SF self-help administrative space and self-help storage for minor (smaller) storage items will be located on the first floor. The remainder of the facility will be utilized as warehouse space (5,200 SF) with

1.Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2.Date 17 APR 2009
---------------------	---	-----------------------

3. Installation and Location: COMMANDER FLEET ACTIVITY CHINHAE, SOUTH KOREA	4. Project Title CONSTRUCT FH WELCOME CENTER, WAREHOUSE, SELF-HELP
---	--

5.Program Element 0808741N	6.Category Code 711	7. Project Number H-115	8. Project Cost (\$000) AUTH: \$4,376 APPR: \$4,376
-------------------------------	------------------------	----------------------------	---

mezzanine storage. Supporting facilities include site preparation, earthwork, grading, storm drainage, paving/parking, electrical, water, sewer services and landscaping.

Paygrade	Bedrooms	NSF	GSF	GSM	Project Cost Factor	Per GSM	No. Units	(\$000) Total
----------	----------	-----	-----	-----	---------------------	---------	-----------	---------------

Total Project Size:

**11. REQUIREMENT**

PROJECT:

This project constructs a 2-story Family Housing Welcome Center, self help and warehouse facility in support of the Family Housing mission at CFA Chinhae, Korea.  
(Current Mission)

REQUIREMENT:

The consolidated Welcome Center, Family Housing (FH) Offices, self-help admin/minor items storage, and multi-use community center space are required to provide adequate FH support services to the families of Commander, Fleet Activities, Chinhae (CFAC) and a centralized warehouse is required to address the existing family housing storage shortfall. Family housing also needs a humidity controlled warehouse in order to improve storage conditions. The existing warehouse is a temporary facility that is not humidity controlled.

CURRENT SITUATION:

The FH offices are in a portion of Bldg 726, with the self-help administrative space and minor storage items located in the PW Storage, Bldg 408. The location of these facilities makes it inconvenient for families trying to make housing arrangements and borrow self-help items. Additionally, CFAC does not have a multi-use community center space for families to congregate and have social gatherings. FH is also utilizing Facilities 212 and 744 to meet their existing storage demands. Facility 212 currently only has half of the storage space being used by FH. The other half of the facility is being used for Bachelor Housing storage. Facility 744 is a lean-to shed on the west end of the base that stores housing supplies for new families who have not received their household goods. The proposed FH facility will provide a centralized family housing storage located near the family housing units and address the family housing storage shortfall.

IMPACT IF NOT PROVIDED:

This project will centralize functions of FH Welcome Center, Self-Help and warehouse. Without this project, the decentralized locations of the family housing facilities will continue to make family housing operations inefficient and inconvenient for

1.Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2.Date 17 APR 2009
---------------------	---	-----------------------

3. Installation and Location: COMMANDER FLEET ACTIVITY CHINHAE, SOUTH KOREA	4. Project Title CONSTRUCT FH WELCOME CENTER, WAREHOUSE, SELF-HELP
---	--

5.Program Element 0808741N	6.Category Code 711	7. Project Number H-115	8. Project Cost (\$000) AUTH: \$4,376 APPR: \$4,376
-------------------------------	------------------------	----------------------------	---

personnel living on CFAC. Additionally, without the multi-use community center there would be a continued lack of adequate space for families to gather in larger groups. FH will continue to have a shortfall of storage space without the additional warehouse space being constructed by this project.

This project has been coordinated with the CFAC Capital Improvements Plan. Anti-Terrorism/Force Protection (AT/FP) requirements per UFC 4-010-01, dated 31 July 2002 will be applied to this project. There are no alternative methods of meeting this requirement. Therefore, an economic analysis is not required. This project is located on an installation which will be retained by the United States Forces Korea (USFK) for the foreseeable future. The proposed action will have no adverse impacts on natural resources and on historical, archeological, and cultural sites. The new facility is not anticipated to have an adverse impact to the local environment.

Activity POC: LT Troy Brown

Phone No: DSN 315-762-5809

BLANK PAGE

DEPARTMENT OF THE NAVY  
FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
POST ACQUISITION CONSTRUCTION

(In Thousands)

FY 2010 Program \$ 118,692  
FY 2009 Program \$ 318,011

Purpose and Scope

This program provides for improvements and/or major repairs to revitalize Navy family housing and the supporting neighborhood sites and facilities. This program is the primary vehicle for the Navy to ensure that our aging inventory of homes is kept suitable for occupancy; as such, this program has a major role in maintaining a high quality of life for Navy families. This program funds projects that will increase the useful life and livability of homes and neighborhoods, bring them up to Department of Defense standards, and make them more energy efficient and less costly to maintain.

Program Summary

Authorization is requested for:

(1) Various improvements and/or major repairs to revitalize existing family housing; and

(2) Appropriation of \$118,692,000 (\$24,967,000 for the Navy and \$93,725,000 for the Marine Corps) to fund these revitalization projects.

(3) We are continuing our emphasis on revitalization through whole-house projects, which will accomplish all required improvements and repairs at one time. This program also includes repair projects considered to be a major investment.

(4) A separate DD 1391 is attached for all projects exceeding \$50,000 per unit as adjusted by the area cost factor.

<b>1. COMPONENT</b> NAVY		<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. DATE</b> 17 APR 2009	
<b>3. INSTALLATION AND LOCATION</b> NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE UNITED STATES			<b>4. PROJECT TITLE</b> FAMILY HOUSING POST ACQUISITION CONSTRUCTION		
<b>5. PROGRAM ELEMENT</b> IMPROVEMENTS		<b>6. CATEGORY CODE</b> 711	<b>7. PROJECT NUMBER</b> VARIES		<b>8. PROJECT COST (\$000)</b> AUTH: \$118,692 APPR: \$118,692
<b>9. COST ESTIMATES</b>					
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
AUTHORIZATION REQUEST		L/S	---	---	118,692
TOTAL REQUEST					118,692
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b> Provides for the revitalization of family housing and neighborhood support facilities and infrastructure. Revitalization consists of alterations, additions, expansions, modernization, and major repairs. Typical work includes the revitalization of kitchens and bathrooms; upgrades and repairs to structural, electrical, and mechanical systems; repairs/replacements involving utility systems, streets and side walks, and other infrastructure; removal of hazardous materials; and enhancements to neighborhood support systems including landscaping and recreation.					
<b>11. REQUIREMENT:</b> Major investments to the Navy's family housing inventory are needed to achieve current DoD standards, extend the life of the homes by arresting and correcting deterioration, reduce maintenance and utility expenses, make the homes and surrounding neighborhoods quality places to live.					
<b>IMPACT IF NOT PROVIDED:</b> The Navy will have a large segment of the family housing inventory and supporting neighborhoods which fall below Department of Defense and Navy standards for quality housing, therefore creating a negative and adverse impact on the families who live in our homes. The Navy will miss a prime opportunity to reduce maintenance and utility costs and meet DoD standards in a more cost effective approach than replacing the existing homes and neighborhoods.					

1. COMPONENT NAVY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 17 APR 2009
3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING POST-ACQUISITION CONSTRUCTION	5. PROJECT NUMBER	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>
<u>INSIDE THE UNITED STATES</u>		
<u>OUTSIDE THE UNITED STATES</u>		
<u>GUAM</u>		
NAVBASE Guam (H-14-11)	1,448	
This project installs window shutters for 140 units in the Lockwood Terrace Housing Area to protect the windows during typhoon conditions up to 170 miles per hour. (See separate DD Form 1391)		
NAVBASE Guam (H-12-10)	1,439	
This project installs window shutters for 146 units in the New Apra Housing Area to protect the windows during typhoon conditions up to 170 miles per hour. (See separate DD Form 1391)		
<u>JAPAN</u>		
NAF Atsugi (HRC-5-07)	10,751	
This project will revitalize 44 townhomes including the following work: Complete kitchen replacement including cabinets and hardware, sinks, appliances, floor tiles, ceiling boards, fixtures, and counters; bathroom replacement including tubs, showers, cabinets, lavatories, and ventilation system; window and door replacement; Electrical replacement including new switches, fixtures, receptacles, and ground fault circuit interrupters (GFCIs), and phone and cable connections; floor covering replacement and trim throughout unit; replace all plumbing fixtures with low flow plumbing fixtures; replace interior finishes with low maintenance and durable materials; correct code deficiencies with the stairs; replace all window air conditioning units with combined heating/package air conditioning systems; and repair/replace patios, wood fences, and gates. (See separate DD Form 1391)		
<u>SPAIN</u>		
NS Rota (H-08-03)	11,329	
This project will convert 146 two-bedroom duplexes into 73 four-bedroom single-family homes. Work will include a new hallway/front entrance, connecting rear patios, modifying fencing to encompass both existing structures, combining the kitchen areas to include a breakfast area, including a bathroom in the master bedroom, larger closets and storage areas, a larger yard, and wall-to-wall carpeting throughout the house. (See separate DD Form 1391)		

BLANK PAGE









1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2. Date 17 APR 2009
----------------------	---	------------------------

3. Installation and Location: NAVAL AIR FACILITY ATSUGI, JAPAN	4. Project Title REVITALIZATION OF FAMILY HOUSING TOWNHOMES
--	---

5. Program Element 0808742N	6. Category Code 711	7. Project Number HRC-5-07	8. Project Cost (\$000) \$10,751
--------------------------------	-------------------------	-------------------------------	-------------------------------------

**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
WHOLEHOUSE IMPROVEMENT	EA	44	244	10751
Area Cost Factor: 1.45				

**10. DESCRIPTION OF PROPOSED CONSTRUCTION**

Project will revitalize 44 family housing townhouse units including 12 3-bedroom enlisted units (3054-3056), 24 3-bedroom officer units (3057, 3062-3066), and 8 4-bedroom units (3053, 3058).

Interior - Complete kitchen replacement including shelves, cabinets and hardware, sinks, garbage disposers, dishwashers, cooking stoves, exhaust hoods, floor tiles, ceiling boards, fixtures, counters, etc. Provide exhaust fans for the dryer exhaust ducts (36 each 3-bedroom units). Bathroom replacement including tubs, showers, cabinets, lavatories, water closets, floor tiles, ceiling boards, ventilation system, etc. Window and door replacement to include window sashes, doors and frames, window and door screens, hardware, blinds, etc. Electrical replacement including new switches, fixtures, receptacles, ground fault circuit interrupters (GFCIs) adjacent to sinks, weatherproof GFCIs at the front entrance and the lanais outside the living room and kitchen, phone and cable connections, panel and service disconnect. Floor covering replacement and trim throughout unit. Replace all plumbing fixtures with low flow plumbing fixtures. Replace interior finishes with low maintenance and durable materials. Correct code deficiencies with the stairs. Replace all window air conditioning units with combined heating/package air conditioning systems

Site & Pavements - Modify the slope at the back of building 3058 to slope away from the building and provide adequate drainage in area to prevent ponding. Repair/replace patios, wood fences and gates (replace w/mesh type), concrete dikes, etc.

Utilities - Install new fire hydrant on McCain Avenue to service buildings 3053 and 3054. Install new fire hydrants to Liberty Avenue for buildings 3062-3066. Repair storm drainage as required.

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>			2. Date 17 APR 2009
3. Installation and Location: NAVAL AIR FACILITY ATSUGI, JAPAN			4. Project Title REVITALIZATION OF FAMILY HOUSING TOWNHOMES	
5. Program Element 0808742N	6. Category Code 711	7. Project Number HRC-5-07	8. Project Cost (\$000) \$10,751	
<p>Utility Room - Replace hot water generator, heat exchanger, return tank, pump system, water supply pipe and reducing valve system, expansion tank, hot water supply pipe, heat pump, steam pipe, etc. in heat exchanger sheds 539 and 547. Replace roofs, seal shrinkage cracks, and paint heat exchanger sheds.</p> <p>Building - Replace front yard canopies</p>				
<p><b>11. REQUIREMENT:</b></p>				
<p><u>PROJECT:</u></p>				
<p>This project implements the military family housing revitalization of the townhouses as recommended in the Property Maintenance Management Plan of May 2002 and recommendations in the Fire Protection Engineering Survey Report of 28 Dec 2007. Project will renovate the interior, exterior, and landscaping of townhouse buildings 3053 to 3058 and 3062 to 3066.</p> <p>(Current Mission)</p>				
<p><u>REQUIREMENT:</u></p>				
<p>Quality housing and family living that will promote and sustain mental, physical and social well-being of our military personnel and their families are required. To meet this requirement, military family living quarters and amenities comparable to contemporary, American private-sector planned residential community standards should be provided for military personnel.</p>				
<p><u>CURRENT SITUATION:</u></p>				
<p>All the family housing townhouse units in this project were constructed in 1991 by the Government of Japan and have not had any major renovations since then. The structures are 2 stories in height with the unit living area located on the ground floor and bedrooms located on the second floor. The buildings are of concrete construction with concrete slab floors and reinforced concrete walls.</p>				
<p>There have been numerous complaints on the various deficiencies. The interior finishes of floors, walls, ceilings, doors, windows, cabinetry, and fixtures are aged and deteriorated. The existing stairway has inadequate width. There are a lack of electrical receptacles in the units and no GFCI receptacles around sinks.</p>				
<p><u>IMPACT IF NOT PROVIDED:</u></p>				
<p>Failure to address stated deficiencies will result in the failure to provide these quality homes for the service members and their families. Continued occupancy of these units will accelerate deterioration and maintenance backlog costs.</p>				
Activity POC: Mr. Douglas Hadorn			Phone No: DSN 243-8237	

1. Component NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	2. Date 17 APR 2009
----------------------	---	------------------------

3. Installation and Location: NAVAL STATION ROTA, SPAIN	4. Project Title DUPLEX CONVERSION PH II
---	---

5. Program Element 0808742N	6. Category Code 711	7. Project Number H-08-03	8. Project Cost (\$000) \$11,329
--------------------------------	-------------------------	------------------------------	-------------------------------------

**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
WHOLEHOUSE IMPROVEMENT	EA	146	78	11329
Area Cost Factor: 1.20				

**10. DESCRIPTION OF PROPOSED CONSTRUCTION**

This project will convert 146 2BR duplexes into 73 4BR Single Family Homes. One of the duplexes will be converted to the bedroom area with one master bedroom, three bedrooms and a full bathroom. The other duplex will be converted to the living space with a larger kitchen, formal dining room, family room/den and bathroom. A new hallway/front entrance will connect the two sides of the duplex to create a single family dwelling. The rear patios will be connected and the fencing modified to encompass both existing yards. The central wall between the two units will be opened and structurally braced. The combined kitchen will be modified to include a breakfast table area. The master bedroom will include a private bath. The new unit will include larger bedrooms, additional closets and storage areas, a larger yard, and wall-to-wall carpeting throughout the house.

**11. REQUIREMENT:**

PROJECT:

This project converts 146 2BR homes into 73 4BR homes to alleviate wait list times at NS Rota.

(Current Mission)

REQUIREMENT:

This project is required to decrease the existing four bedroom enlisted and officer waiting lists.

CURRENT SITUATION:

There are existing, vacant two bedroom enlisted and officer units in the Las Palmeras Housing area and a shortage of four bedroom units. All four bedroom enlisted units are currently in the Las Flores Housing area, which is scheduled for



<b>1. COMPONENT</b> MARINE CORPS	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>																
<b>3. INSTALLATION AND LOCATION</b> NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES																		
<b>4. PROJECT TITLE</b> FAMILY HOUSING POST-ACQUISITION CONSTRUCTION		<b>5. PROJECT NUMBER</b>																
<table border="0" style="width: 100%;"> <thead> <tr> <th data-bbox="214 514 1047 541" style="text-align: left;"><u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u></th> <th data-bbox="1047 514 1490 541" style="text-align: right;">(\$000) <u>CURRENT WORKING ESTIMATE</u></th> </tr> </thead> <tbody> <tr> <td colspan="2" data-bbox="673 604 1031 632" style="text-align: center;"><u>INSIDE THE UNITED STATES</u></td> </tr> <tr> <td colspan="2" data-bbox="214 667 527 695"><u>DISTRICT OF COLUMBIA</u></td> </tr> <tr> <td data-bbox="311 695 657 758">Marine Barracks, 8<sup>th</sup> &amp; I Streets (EI-H-1001-R2)</td> <td data-bbox="1312 695 1377 722" style="text-align: right;">4,140</td> </tr> <tr> <td colspan="2" data-bbox="311 793 1448 1129"> <p>This project provides whole house revitalization to the 15,605 SF historic “Home of the Commandants” located at Marine Barracks, 8<sup>th</sup> and I, Washington, DC. Sustainment work includes: repair or replacement of deteriorated first floor framing system, flooring, and wood molding; repair or replacement of deteriorated brick and mortar in the exterior and interior load bearing walls in the basement area; repair and re-pointing all deteriorated exterior brick mortar; repair, re-pointing and relining all brick chimneys; repair or replacement of all exterior wood cornices; exterior paint removal and application of a breathable masonry coating; waterproofing all exterior foundation walls. Items to be replaced with energy efficient upgrades include: one cooling tower, chiller, boiler, all fan-coil units and all controls for the Heating, Ventilation and Air Conditioning (HVAC) system. Includes installation of Building Integrated Photovoltaic (BIPV) membrane on flat portions of the roof, new energy saving insulation and caulking, and French drains. (See separate DD Form 1391)</p> </td> </tr> <tr> <td colspan="2" data-bbox="214 1165 454 1192"><u>NORTH CAROLINA</u></td> </tr> <tr> <td data-bbox="311 1192 535 1255">MCB Camp Lejeune (LE-H-1001)</td> <td data-bbox="1279 1192 1360 1220" style="text-align: right;">78,857</td> </tr> <tr> <td colspan="2" data-bbox="311 1291 1448 1596"> <p>Funds for this project will support the construction of 231 deficit reduction homes through privatization at MCB Camp Lejeune, NC resulting in the operation and maintenance and future recapitalization of these privatized units. This project also provides neighborhood amenities and community recreational facilities, and expanded common open spaces and an addition to the DoD Dependent School (DODDS) Brewster Middle School. The deficit reduction units address existing base loading requirements and help enable base-loading increases resulting from the “Grow the Force” end-strength augmentation. DODDS is in support of increased student enrollment generated by the additional housing. Additional PPV phases are planned to address deficit reduction and the concomitant DODDS space requirements increases. In accordance with 10 United States Code, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) for use at Camp Lejeune. (See Separate DD Form 1391).</p> </td> </tr> </tbody> </table>			<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>	(\$000) <u>CURRENT WORKING ESTIMATE</u>	<u>INSIDE THE UNITED STATES</u>		<u>DISTRICT OF COLUMBIA</u>		Marine Barracks, 8 <sup>th</sup> & I Streets (EI-H-1001-R2)	4,140	<p>This project provides whole house revitalization to the 15,605 SF historic “Home of the Commandants” located at Marine Barracks, 8<sup>th</sup> and I, Washington, DC. Sustainment work includes: repair or replacement of deteriorated first floor framing system, flooring, and wood molding; repair or replacement of deteriorated brick and mortar in the exterior and interior load bearing walls in the basement area; repair and re-pointing all deteriorated exterior brick mortar; repair, re-pointing and relining all brick chimneys; repair or replacement of all exterior wood cornices; exterior paint removal and application of a breathable masonry coating; waterproofing all exterior foundation walls. Items to be replaced with energy efficient upgrades include: one cooling tower, chiller, boiler, all fan-coil units and all controls for the Heating, Ventilation and Air Conditioning (HVAC) system. Includes installation of Building Integrated Photovoltaic (BIPV) membrane on flat portions of the roof, new energy saving insulation and caulking, and French drains. (See separate DD Form 1391)</p>		<u>NORTH CAROLINA</u>		MCB Camp Lejeune (LE-H-1001)	78,857	<p>Funds for this project will support the construction of 231 deficit reduction homes through privatization at MCB Camp Lejeune, NC resulting in the operation and maintenance and future recapitalization of these privatized units. This project also provides neighborhood amenities and community recreational facilities, and expanded common open spaces and an addition to the DoD Dependent School (DODDS) Brewster Middle School. The deficit reduction units address existing base loading requirements and help enable base-loading increases resulting from the “Grow the Force” end-strength augmentation. DODDS is in support of increased student enrollment generated by the additional housing. Additional PPV phases are planned to address deficit reduction and the concomitant DODDS space requirements increases. In accordance with 10 United States Code, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) for use at Camp Lejeune. (See Separate DD Form 1391).</p>	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>	(\$000) <u>CURRENT WORKING ESTIMATE</u>																	
<u>INSIDE THE UNITED STATES</u>																		
<u>DISTRICT OF COLUMBIA</u>																		
Marine Barracks, 8 <sup>th</sup> & I Streets (EI-H-1001-R2)	4,140																	
<p>This project provides whole house revitalization to the 15,605 SF historic “Home of the Commandants” located at Marine Barracks, 8<sup>th</sup> and I, Washington, DC. Sustainment work includes: repair or replacement of deteriorated first floor framing system, flooring, and wood molding; repair or replacement of deteriorated brick and mortar in the exterior and interior load bearing walls in the basement area; repair and re-pointing all deteriorated exterior brick mortar; repair, re-pointing and relining all brick chimneys; repair or replacement of all exterior wood cornices; exterior paint removal and application of a breathable masonry coating; waterproofing all exterior foundation walls. Items to be replaced with energy efficient upgrades include: one cooling tower, chiller, boiler, all fan-coil units and all controls for the Heating, Ventilation and Air Conditioning (HVAC) system. Includes installation of Building Integrated Photovoltaic (BIPV) membrane on flat portions of the roof, new energy saving insulation and caulking, and French drains. (See separate DD Form 1391)</p>																		
<u>NORTH CAROLINA</u>																		
MCB Camp Lejeune (LE-H-1001)	78,857																	
<p>Funds for this project will support the construction of 231 deficit reduction homes through privatization at MCB Camp Lejeune, NC resulting in the operation and maintenance and future recapitalization of these privatized units. This project also provides neighborhood amenities and community recreational facilities, and expanded common open spaces and an addition to the DoD Dependent School (DODDS) Brewster Middle School. The deficit reduction units address existing base loading requirements and help enable base-loading increases resulting from the “Grow the Force” end-strength augmentation. DODDS is in support of increased student enrollment generated by the additional housing. Additional PPV phases are planned to address deficit reduction and the concomitant DODDS space requirements increases. In accordance with 10 United States Code, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) for use at Camp Lejeune. (See Separate DD Form 1391).</p>																		

<b>1. COMPONENT</b> MARINE CORPS	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>
<b>3. INSTALLATION AND LOCATION</b> NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
<b>4. PROJECT TITLE</b> FAMILY HOUSING POST-ACQUISITION CONSTRUCTION		<b>5. PROJECT NUMBER</b>
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>
<u>OUTSIDE THE UNITED STATES</u>		
<u>JAPAN</u>		
MCAS Iwakuni (IW-H-0801-R2)		10,728
<p>This project revitalizes 44 officer and DoD Civilian family housing units located in Midrise 1200 at MCAS Iwakuni, Japan. Sustainment work includes: Repairing and painting/resurfacing all interior walls and ceilings, including all common/public areas; repairing and repainting all doors and hardware and closet shelving; repairing cracked/broken concrete sub-base. Removing roof top perimeter chain link fence and floor mounted fan coil units and associated piping, Installing recessed ceiling mounted fan coil units. Replacing: the cement roof cover and underlying membrane; all window screens and balcony fences/rails; all main entry doors; kitchen and bathroom cabinets, fixtures and hardware; all concrete finished, quarry tile, vinyl composition tile, sheet vinyl and carpet flooring materials; rooftop chiller, vent/plumbing exhaust fans, drain scuppers and associated piping; rooftop exhaust fan controls; all sewage/domestic drain piping, cold and hot water piping, heating and cooling piping, sewage/domestic vent piping and associated hardware such as gauges, valves and monitoring equipment; elevator motors and cabling; all lighting fixtures, switches, electrical outlets and wiring to meet the Electrical Safety Code; fire alarm system; and TV, Telephone and Internet Access receptacles and wiring.</p>		
<p>Modernization work includes: Reconfiguration of the main entry, community room, and storage areas to enclose the drive-thru entry to meet AT/FP requirement; installation of elevator safety devices per ASME A17.1-84; installation of security film on the single glazed door and windows; and installation of additional lighting fixtures, electrical outlets and TV, Telephone and Internet Access receptacles and wiring.. No improvements or major repairs were accomplished on these units in the past three years, nor are any planned for the following three years. (See Separate DD Form 1391).</p>		

<b>1. COMPONENT</b> MARINE CORPS		<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. DATE</b>	
<b>3. INSTALLATION AND LOCATION</b> MARINE BARRACKS, 8TH AND I WASHINGTON D.C.			<b>4. PROJECT TITLE</b> WHOLE HOUSE REVITALIZATION QUARTERS #6 (HOME OF THE COMMANDANTS)		
<b>5. PROGRAM ELEMENT</b> 0808742N		<b>6. CATEGORY CODE</b> 711	<b>7. PROJECT NUMBER</b> EI-H-1001-R2		<b>8. PROJECT COST (\$000)</b> \$4,140
<b>9. COST ESTIMATES</b>					
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
WHOLE HOUSE REVITALIZATION		EA	1	\$4,140,000	\$4,140
Area Cost Factor = 1.07					
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>					
<p>This project provides whole house revitalization to the 15,605 SF historic "Home of the Commandants" located at Marine Barracks, 8<sup>th</sup> and I, Washington, DC. Sustainment work includes: repair or replacement of deteriorated first floor framing system, flooring, and wood molding; repair or replacement of deteriorated brick and mortar in the exterior and interior load bearing walls in the basement area; repair and re-pointing all deteriorated exterior brick mortar; repair, re-pointing and relining all brick chimneys; repair or replacement of all exterior wood cornices; exterior paint removal and application of a breathable masonry coating; waterproofing all exterior foundation walls. Items to be replaced with energy efficient upgrades include: one cooling tower, chiller, boiler, all fan-coil units and all controls for the Heating, Ventilation and Air Conditioning (HVAC) system. Includes installation of Building Integrated Photovoltaic (BIPV) membrane on flat portions of the roof, new energy saving insulation and caulking, and French drains.</p>					
11. <u>REQUIREMENT</u> :					
<u>PROJECT</u> : This project encompasses whole house revitalization to the "Home of the Commandants" Quarters located at Marine Barracks, 8th and I, Washington D.C.					

<b>1. COMPONENT</b> MARINE CORPS	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>
<b>3. INSTALLATION AND LOCATION</b> MARINE CORPS BARRACKS 8TH AND I, WASHINGTON D.C.		
<b>4. PROJECT TITLE</b> WHOLE HOUSE REVITALIZATION, PHASE II OF II QUARTERS #6 (HOME OF THE COMMANDANTS)		<b>5. PROJECT NUMBER</b> EI-H-1001-R2

**REQUIREMENT:** Repair or replacement of structural and architectural components, exterior paint removal and application of a breathable masonry coating, foundation waterproofing, mechanical system replacement, and energy efficiency upgrades.

**CURRENT SITUATION:** This house was constructed in 1810. Emergency temporary shoring (installed in fall 2007) is stabilizing the first floor structure to allow for the continued use of the residence. Major first floor settlement is continuing to cause severe cracking of interior floors, walls and historic wood molding. In locations, interior and exterior load bearing wall joint mortar, and sometimes individual brick units, have lost their cohesive properties, are sand-like in consistency, and disintegrating. This brick and the mortar deterioration is allowing water/moisture penetration into the interior walls. The moisture is also trapped in the walls behind a barrier of many layers of non-breathable lead-based paint resulting in further brick deterioration. Chimneys require re-pointing due to sporadic re-pointing efforts in the past, combined with soft and friable mortar. Undertaking paint removal and application of a breathable masonry coating in conjunction with full scale re-pointing efforts will allow for the exposure and re-pointing of the mortar joints with minimal damage and overcutting of the adjacent brick. Poor drainage on the perimeter of the property and bituminous coatings on the interior side of the foundation wall is subjecting the brick walls to hold moisture for longer periods of time and causing the brick to suffer moisture related deterioration. Major components of the mechanical system are not energy efficient and beyond their useful service life. Intermittent valve failures and ventilation system control problems have resulted in excessive heat flows (measured up to 103 degrees in the winter with the window open) and further deterioration to structural and architectural elements. Fan-coil units are obsolete and are maintenance problems. One of the cooling towers is breaking down and is energy inefficient. Utility costs have exceeded \$60,000 in a year. The interior passenger lift is old, suffers from mechanical failures, and is not wheel-chair accessible.

**IMPACT IF NOT PROVIDED:** Failure to authorize this project will result in the further deterioration and increased maintenance costs. High-energy use, excessive maintenance efforts, uncorrected potential safety hazards, and occupant dissatisfaction will continue to increase. Historic elements of these quarters, listed on the National Register of Historic Places, will not be restored.

**ADDITIONAL:** Evaluation of the four family housing quarters reveals no alternative uses on the Marine Barracks. Transferring the quarters to the base merely shifts the burden of its support from FH,N&MC to O&M,MC. As previously reported to Congress, there is a shortage of General Officers Quarters for the Marine Corps in the National Capital Region. Without purchase of additional land replacement of the existing units could not be constructed without the demolition of the existing units. Demolition is rejected due to: the listing of all four homes, including the Home of the Commandants, on the National Register of Historic Places; the homes forming two sides of the Quadrangle that is a National Historic Landmark; and the Home of the Commandant's also being a National Historic Landmark. Privatization was considered and rejected due to: the cost to operate, maintain and sustain the homes due to their size and historic nature. The upfront cost of a privatization project was determined at \$26.6M. Project had a negative lifecycle savings of negative 68 percent and legislative compliance with section 2875 of Title 10 United States Code was not met. Sustainable principles will be integrated into the development, design and construction of the project in accordance with Executive Order 13123 and other applicable laws and executive orders.

<b>1. COMPONENT</b> MARINE CORPS		<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. DATE</b>	
<b>3. INSTALLATION AND LOCATION</b> MARINE CORPS BASE CAMP LEJEUNE, NC			<b>4. PROJECT TITLE</b> CAMP LEJEUNE PUBLIC PRIVATE VENTURE PHASE 6 WITH DOD DEPENDENT SCHOOL ADDITION		
<b>5. PROGRAM ELEMENT</b> 0808742		<b>6. CATEGORY CODE</b> 711		<b>7. PROJECT NUMBER</b> LE-H-1001	
<b>8. PROJECT COST (\$000)</b> \$78,857					
<b>9. COST ESTIMATES</b>					
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
FAMILY HOUSING		EA	231	268,121	61,936
DOD DEPENDENT SCHOOL ADDITION		SM	6,338	2,670	16,921
TOTAL					78,857
Area Cost Factor 1.01					
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>					
<p>Funds for this project will support the construction of 231 deficit reduction homes through privatization at MCB Camp Lejeune, NC resulting in the operation and maintenance and future recapitalization of these privatized units. This project also provides neighborhood amenities and community recreational facilities, and expanded common open spaces and an addition to the DoD Dependent School (DODDS) Brewster Middle School. In accordance with 10 United States Code, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) for use at Camp Lejeune.</p>					
<b>11. REQUIREMENT</b>					
<u>PROJECT:</u>					
<p>This project represents the sixth phase of a Public Private Venture (PPV) initiative that privatized all Camp Lejeune, NC family housing. This project phase will construct an additional 231 deficit reduction units resulting in the operation and maintenance and future recapitalization of these privatized units and will also construct a DODDS. The deficit reduction units address existing base loading requirements and help enable base-loading increases resulting from the "Grow the Force" end-strength augmentation. DODDS Brewster Middle School addition is in support of increased student enrollment generated by additional privatized housing. Additional PPV phases are planned to address deficit reduction and the existing DODDS space requirements increases.</p>					
<u>REQUIREMENT:</u>					
<p>Adequate family housing is needed for married personnel and their families. This project constructs 231 new units at Camp Lejeune. This project also provides neighborhood amenities and community recreational facilities, and expanded common open spaces. Recreational facilities include tot lots, jogging paths, and playing courts/fields.</p>					
<u>CURRENT SITUATION:</u>					
<p>Camp Lejeune, including MCAS New River, has a pre-existing deficit of over 2,700 adequate homes that will be exacerbated by a base-loading end-strength increase of over 6,000 personnel. All housing at Camp Lejeune has been privatized.</p>					
<u>IMPACT IF NOT PROVIDED:</u>					
<p>Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Marine Corps. Retention of quality personnel will be adversely impacted. The increase in space requirement resulting from student enrollment increases cannot be accommodated without new construction. Without the additional school capacity, the Marine Corps' "Grow the Force" initiative will be adversely affected.</p>					

BLANK PAGE

<b>1. COMPONENT</b> MARINE CORPS		<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>		<b>2. DATE</b>	
<b>3. INSTALLATION AND LOCATION</b> MARINE CORPS AIR STATION IWAKUNI, JA			<b>4. PROJECT TITLE</b> WHOLEHOUSE REVITALIZATION MIDRISE 1200		
<b>5. PROGRAM ELEMENT</b> 0808742		<b>6. CATEGORY CODE</b> 711		<b>7. PROJECT NUMBER</b> IW-H-0801-R2	
<b>8. PROJECT COST (\$000)</b> \$10,728					
<b>9. COST ESTIMATES</b>					
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
Family Housing Improvement		EA	44	243,818	10,728
Sustainment		EA	44	231,636	(10,192)
Modernization		EA	44	12,182	(536)
Total					10,728
Yen Exchange Rate 108.9969 Yen = \$1					
Area Cost Factor 1.43					
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>					
<p>This project revitalizes 44 officer and DoD Civilian family housing units located in Midrise 1200 at MCAS Iwakuni, Japan. Sustainment work includes: Repairing and painting/resurfacing all interior walls and ceilings, including all common/public areas; repairing and repainting all doors and hardware and closet shelving; repairing cracked/broken concrete sub-base. Removing roof top perimeter chain link fence and floor mounted fan coil units and associated piping, Installing recessed ceiling mounted fan coil units. Replacing: the cement roof cover and underlying membrane; all window screens and balcony fences/rails; all main entry doors; kitchen and bathroom cabinets, fixtures and hardware; all concrete finished, quarry tile, vinyl composition tile, sheet vinyl and carpet flooring materials; rooftop chiller, vent/plumbing exhaust fans, drain scuppers and associated piping; rooftop exhaust fan controls; all sewage/domestic drain piping, cold and hot water piping, heating and cooling piping, sewage/domestic vent piping and associated hardware such as gauges, valves and monitoring equipment; elevator motors and cabling; all lighting fixtures, switches, electrical outlets and wiring to meet the Electrical Safety Code; fire alarm system; and TV, Telephone and Internet Access receptacles and wiring.</p> <p>Modernization work includes: Reconfiguration of the main entry, community room, and storage areas to enclose the drive-thru entry to meet AT/FP requirement; installation of elevator safety devices per ASME A17.1-84; installation of security film on the single glazed door and windows; and installation of additional lighting fixtures, electrical outlets and TV, Telephone and Internet Access receptacles and wiring.</p>					
<b>11. REQUIREMENT</b>					
<u>PROJECT:</u>					
This project will repair Family Housing Midrise No. 1200, located in the North Side Housing Area, Marine Corps Air Station Iwakuni, Japan.					
<u>REQUIREMENT:</u>					
Family Housing Midrise No. 1200 is one of ten midrises on the Air Station. Family Housing Midrise No. 1200 contains 44 individual three-bedroom units, a community room, public toilet, a small storage area, mechanical rooms and miscellaneous ancillary spaces. Repair of the existing facility is required to correct life safety and					

<b>1. COMPONENT</b> MARINE CORPS	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>
<b>3. INSTALLATION AND LOCATION</b> MARINE CORPS AIR STATION IWAKUNI, JAPAN		
<b>4. PROJECT TITLE</b> WHOLEHOUSE REVITALIZATION MIDRISE 1200		<b>5. PROJECT NUMBER</b> IW-H-0801-R2

**REQUIREMENT:** (continued)

building code deficiencies and replace deteriorated and old/outdated equipment and fixtures, modernize the interior design and enhance the quality of the facilities for the current generation of tenants, and extend the useful life of this facility another 20+ years.

**CURRENT SITUATION:**

Constructed in 1986, Family Housing Midrise No. 1200 is showing its age and requires extensive repairs to continue providing comfortable living quarters to its overseas tenants. When this project is awarded, the facility will be 24 years into its 60-year life expectancy. To date, the only major improvement on this facility is the Fire Sprinkler System Installation completed in 2004. No other major improvements or repairs have been completed since its original construction. Most of the built-in furnishings, fixtures, hardware, piping, flooring and other items in the facility are either damaged or deteriorated beyond the point of being economically repaired and are in need of replacement.

The Architectural requirements of this project are as follows:

- The roof of the facility must be replaced, since it is deteriorated beyond economical repair. The life expectancy of similar roofing systems is estimated at 20 to 25 years.
- Main access points into the building must be enclosed and reconfigured because they do not comply with AT/FP security requirements. For example, the existing configuration allows a vehicle to be parked at the main entry of the building, which is under the building.
- The main entry doors and their associated hardware must be replaced, as the existing hardware does not provide a reliable locking mechanism for building security. The door hardware is also rusting and the doors are deteriorated.
- The balcony rails must be replaced since they do not meet the safety requirements set forth in the IBC. For example, the bar spacing is over four inches, where a small child could crawl through.
- The interior must be completely repainted after the damaged and unsightly walls and ceilings are repaired and replaced with new wall tile and other surface materials. The new interior wall and ceiling surfaces will help create a new and rejuvenated environment that will greatly appeal to its tenants. Most notably replacing the suspended ceiling in the community room will accommodate new light fixtures that will provide adequate light to a much needed facility.
- The flooring materials in all areas of the building must be removed and replaced after 24 years of severe wear. Much of the existing flooring is cracked or broken, deteriorated and worn out, stained and spotted. The cracked concrete sub-surface must also be repaired. Color enhancing materials must be used to rejuvenate the appearance of the facility and create a warm and inviting living environment
- All the interior doors and associated hardware in the facility, including closet doors and shelving show considerable damage over 24 years of frequent turnover of tenants and must be repaired and repainted
- The substandard and outdated kitchen and bathroom cabinets must be replaced due to 24 years of heavy usage and already undergo continual repairs. Due to their age, it is also more difficult to find matching replacement parts for built-in furnishings. The existing kitchen counter-tops are made of stainless steel and severely scarred from frequent use of cutting utensils. Extensive permanent rust stains are also common.

<b>1. COMPONENT</b> MARINE CORPS	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>
<b>3. INSTALLATION AND LOCATION</b> MARINE CORPS AIR STATION IWAKUNI, JAPAN		
<b>4. PROJECT TITLE</b> WHOLEHOUSE REVITALIZATION MIDRISE 1200		<b>5. PROJECT NUMBER</b> IW-H-0801-R2

CURRENT SITUATION: (Continued)

- The range hoods must be replaced, as they no longer adequately or effectively exhaust the air from the cooking area. The inadequate bathroom vanities and sinks are too small for modern toiletry essentials and must be replaced with more practical fixtures.

The Mechanical requirements of this facility are as follows:

- The roof top chiller unit, ventilation fans and controls no longer operate efficiently, are badly deteriorated and must be replaced.
- The roof top scuppers and drains must be replaced, as they are severely corroded and no longer function properly.
- The exhaust and ventilation systems located in both the kitchen and bathroom areas must be replaced, as they are no longer effectively recycle air at the required volume. Also the system does not contain any backflow prevention, so odors from other units often circulate through the units via vent pipes that the exhaust fans are connected to.
- The existing toilet fixtures, bathtubs, showers, lavatories and kitchen sinks have not been replaced since the facility was constructed in 1986, and have exceeded their life expectancy. They are inefficient and in frequent need of repair due to their age.
- All sewage and domestic drain piping, cold and hot water piping, heating and cooling piping, sewage and domestic vent piping must be replaced. Frequent service calls to unclog drains and stop leaks indicate that the existing piping throughout the building is extremely corroded and deteriorating rapidly. The expected durable life of such piping is normally between 14 and 18 years.
- The existing floor mounted fan coil units and all associated piping must be removed and replaced with recessed ceiling mounted fan coil units. The existing fan coil units are old and no longer working efficiently. They are in constant need of repair and occupy valuable living area space.
- Elevator safety devices will be installed to meet American Society of Mechanical Engineers (ASME) A17.1-84 safety code for elevator requirements. The elevator's electric motors and steel cabling will be replaced since the normal life cycle of each is approximately 20 years.

The Electrical requirements of this facility are as follows:

- The roof top exhaust fan controls must be replaced since they are severely deteriorated.
- The existing lighting fixtures and switches must be replaced with new energy efficient lighting that will not only save on energy consumption, but provide better illumination of the interior spaces and enhance the overall aesthetics of the interior design.
- The existing electrical outlets and wiring must be replaced to meet today's equipment needs. The current outlets in the kitchen and bathroom areas are in violation of the Electrical Safety Code since none have Ground Fault protection.
- The existing circuit breakers must be replaced to meet building service needs.
- Additional electrical outlets must be provided to meet current Electrical Codes. Power strips and extension cords are often used, creating a safety hazard.

<b>1. COMPONENT</b> MARINE CORPS	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>
<b>3. INSTALLATION AND LOCATION</b> MARINE CORPS AIR STATION IWAKUNI, JAPAN		
<b>4. PROJECT TITLE</b> WHOLEHOUSE REVITALIZATION MIDRISE 1200		<b>5. PROJECT NUMBER</b> IW-H-0801-R2

**CURRENT SITUATION:** (Continued)

- Additional lighting must be provided, since many areas within the individual housing units have no lighting. In areas where fixed lighting is provided, the lighting levels do not meet illumination standards.
- The aged fire alarm system must be replaced to meet current standards.
- The existing TV, Telephone and Internet Access receptacles and wiring must be replaced since the current configuration does not provide adequate service or capacity to all the required areas of the facility.
- Additional TV, Telephone and Internet Access receptacles and wiring is required to meet the current and future demand of family appliances and personal computer devices.

**IMPACT IF NOT PROVIDED:** If this project is not provided, family housing units will continue to fall short of DOD standards. Military personnel and their families will continue to live in an old facility that violates safety code requirements and contains deteriorated or damaged furnishings and equipment that require continuous repair. The Air Station’s Housing Division will continue to perform minor maintenance while furnishings, equipment and building problems continue to escalate. Quality of life and comfort of living standards will continue to degrade and compromise the Air Station’s vision as the “Assignment of Choice”

**WORK PROGRAMMED FOR NEXT THREE YEARS:** None.

**ADDITIONAL:** An economic analysis has been prepared comparing the alternatives of replacement, improvement, direct compensation and status quo operation. Based on the net present values and benefits of the respective alternatives, improvement was found to be the only viable alternative to satisfy the requirement. The life cycle cost to improve these units is 54% of the life cycle cost for replacement. The initial cost to improve these units, at 33% of the replacement cost, does not exceed the 70 percent of replacement threshold. In addition, these facilities were built by the Government of Japan and have a life expectancy of 60 years and when this project is awarded these facilities will be 24 years old. This project is not eligible for Host Nation Funding. Sustainable principles will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders. Anti-terrorism/force protection provisions include reconfiguration of the main entry, community room, and storage areas to enclose the drive-thru entry and installation of security film on the single glazed door and windows.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
ADVANCE PLANNING AND DESIGN

(In Thousands)

FY 2010 Program \$ 2,771  
FY 2009 Program \$ 2,169

Purpose and Scope

This program provides for working drawings, specifications and estimates, project planning reports, and final design drawings for construction projects (authorized or not yet authorized). This includes the use of architectural and engineering services in connection with any family housing new construction or construction improvements.

Program Summary

The amount requested will enable full execution of the construction program. Authorization is requested for the appropriation of \$2,771,000 (\$2,347,000 for the Navy and \$424,000 for the Marine Corps) to fund New Construction and Improvements design requirements.

<b>1. COMPONENT</b> NAVY	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b> 17 APR 2009	
<b>3. INSTALLATION AND LOCATION</b> NAVAL AND MARINE CORPS INSTALLATIONS VARLOCS INSIDE AND OUTSIDE UNITED STATES		<b>4. PROJECT TITLE</b> FAMILY HOUSING ADVANCE PLANNING AND DESIGN			
<b>5. PROGRAM ELEMENT</b> VARIES	<b>6. CATEGORY CODE</b> VARIES	<b>7. PROJECT NUMBER</b> VARIES	<b>8. PROJECT COST</b> \$2,771		
<b>9. COST ESTIMATES</b>					
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
ADVANCE PLANNING AND DESIGN			---	---	
NEW CONSTRUCTION		L/S	---	---	(587)
IMPROVEMENTS		L/S	---	---	(2,184)
<b>TOTAL REQUEST</b>					<b>\$2,771</b>
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION:</b>					
10 USC 2807 authorizes funding for architectural and engineering services and construction design of military family housing new construction and construction improvement projects.					
<b>11. REQUIREMENT: VARIES</b>					
All project estimates are based on sound engineering and the best cost data available. Design is initiated to establish project estimates authorized or not yet authorized in advance of program submittal to the Congress. At the preliminary design, final plans and specifications are then prepared. The request includes costs for architectural and engineering services, turnkey evaluation, and construction design.					
<u>IMPACT IF NOT PROVIDED:</u> Project execution schedules for Fiscal Years 2011 and 2012 will not be met.					

DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE

(\$000)  
FY 2010 Program \$239,961  
FY 2009 Program \$220,243

**Purpose and Scope**

a. **Operation.** This portion of the program provides for expenses in the following sub-accounts:

**Management.** Includes direct and indirect expenses incident to the administration of the family housing program such as housing office personnel and operations, administrative support, training, travel, programming and studies, and community liaison. All housing referral costs are also included, although the housing referral program assists personnel in locating housing in the private community, and is not related to the operation or management of military family housing units.

**Services.** Includes direct and indirect expenses incident to providing basic support services such as refuse collection and disposal, fire and police protection, pest control, custodial services for common areas, snow removal and street cleaning.

**Furnishings.** Includes the procurement for initial issue or replacement of household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; the control, moving and handling of furnishings inventories; and the maintenance and repair of such items.

**Miscellaneous.** Includes work or services performed for the benefit of family housing occupants, including mobile home hook-ups and disconnections, for which reimbursement will be received; payments to the U. S. Coast Guard for Navy occupancy of Coast Guard housing; and United Kingdom accommodation charges.

b. **Utilities.** Includes all utility services provided to family housing, such as electricity, gas, fuel oil, water and sewage. Excludes telephone services.

c. **Maintenance.** This portion of the program supports the upkeep of family housing real property, as follows:

**Maintenance/Repair of Dwelling.** Includes service calls, change of occupancy rehabilitation, routine maintenance, preventative maintenance, and interior and exterior painting.

**Exterior Utilities.** Includes maintenance, repair and replacement of electrical, gas, water, sewage and other utility distribution systems located within family housing areas, and the portion of activity utility rates attributable to distribution system maintenance when separately identified.

**Other Real Property.** Includes maintenance and repair of any other family housing real property, such as grounds, surfaced areas and family housing community facilities.

**Alterations and Additions.** Includes major repairs and minor incidental improvements to dwellings or other real property performed under the authority of 10 USC 2805. Larger scope or higher dollar value items are funded in the construction program.

**Reimbursable Collections.** This program includes collections received from rental of DoN family housing to foreign national, civilian and Coast Guard personnel; collections for rental of mobile home spaces; collections for burden sharing by the Government of Japan, and collections for occupant-caused damages.

**Program Summary**

Authorization is requested for an appropriation of \$239,961,000. This amount, together with estimated reimbursements of \$8,500,000, will fund the Fiscal Year 2010 program of \$248,461,000.

A summary of the funding program for Fiscal Year 2010 follows (in thousands):

	<u>Appropriation Request</u>				<u>Reiburse-</u>	<u>Total</u>
	<u>Operations</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total</u>	<u>ments</u>	<u>Program</u>
Navy	\$ 83,852	51,801	90,672	226,325	8,000	234,325
Marine Corps	\$ 7,969	2,155	3,512	13,636	500	14,136
Total DoN	\$ 91,821	53,956	94,184	239,961	8,500	248,461

**JUSTIFICATION:**

The Department of Navy family housing budget requests the minimum essential resources needed to provide military families with adequate housing either through the private community or in government quarters. Navy and Marine Corps installations are generally located in the high cost, coastal areas. Accordingly, the over-inflated cost of adequate housing in these areas cause many of our military families to reside in facilities that lack even the minimal amenities expected in a home. Therefore, emphasis is placed on the proper funding of the family housing Operations and Maintenance program.

The Fiscal Year 2010 estimated program was formulated utilizing the Office of Management and Budget's published inflationary factors and foreign currency exchange rates.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, DEPARTMENT OF THE NAVY  
FY 2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - WORLDWIDE

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
	Units in Beginning of Year	10,734		10,465		10,075
Units at End of Year	10,465		10,075		11,482	
Average Inventory for Year	10,684		10,451		11,438	
a. Average Historic Inventory for Year	49		49		8	
Requiring O&M Funding						
a. Conterminous U.S.	2,115		1,904		1,659	
b. U.S. Overseas	1,505		1,487		2,806	
c. Foreign	7,064		7,060		6,973	
d. Worldwide	10,684		10,451		11,438	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	56,566	5,294	60,063	5,747	60,278	5,270
(2) Services	12,370	1,158	13,347	1,277	16,462	1,439
(3) Furnishings	12,798	1,198	15,036	1,439	14,624	1,279
(4) Miscellaneous	311	29	655	63	457	40
Subtotal Direct Obligations	82,045	7,679	89,101	8,526	91,821	8,028
Anticipated Reimbursements	3,520	329	3,610	345	3,610	316
Estimated Gross Obligations	85,565	8,009	92,711	8,871	95,431	8,343
2. UTILITIES	44,286	4,145	44,068	4,217	53,956	4,717
Anticipated Reimbursements	1,000	94	1,090	104	1,090	95
Estimated Gross Obligations	45,286	4,239	45,158	4,321	55,046	4,813
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	57,712	5,402	59,393	10,107	66,395	5,805
b. Exterior Utilities	48	4	35	43	37	3
c. Maintenance & Repair of Other Real Property	96	9	89	109	91	8
d. Alterations and Additions	28,540	2,671	27,557	2,894	27,661	2,418
<b>e. Foreign Currency Fluctuation (PY Funds)</b>	<b>14,858</b>	<b>N/A</b>				
Subtotal Direct Obligations	101,254	9,477	87,074	8,332	94,184	8,234
Anticipated Reimbursements	3,733	349	3,800	730	3,800	332
Estimated Gross Obligations	104,987	9,827	90,874	8,695	97,984	8,567
<b>4. GRAND TOTAL, O&amp;M - Direct Obligations</b>	<b>227,585</b>	<b>21,301</b>	<b>220,243</b>	<b>21,074</b>	<b>239,961</b>	<b>20,979</b>
5. GRAND TOTAL -						
Anticipated Reimbursements	8,253	772	8,500	813	8,500	743
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	<b>235,838</b>	<b>22,074</b>	<b>228,743</b>	<b>21,887</b>	<b>248,461</b>	<b>21,722</b>

\* Actual Per Unit Cost for Management is 871 vice 5,270. The 60,278 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 50,319 in non-unit management costs.

BLANK PAGE

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, NAVY  
FY 2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - WORLDWIDE

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
	Units in Beginning of Year	9,817		9,649		9,259
Units at End of Year	9,649		9,259		10,666	
Average Inventory for Year	9,817		9,635		10,622	
a. Average Historic Inventory for Year	43		43		2	
Requiring O&M Funding						
a. Conterminous U.S.	1,984		1,824		1,579	
b. U.S. Overseas	1,505		1,487		2,806	
c. Foreign	6,328		6,324		6,237	
d. Worldwide	9,817		9,635		10,622	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
<b>1. OPERATIONS</b>						
a. Operating Expenses						
(1) Management*	50,403	5,134	54,016	5,606	53,796	5,065
(2) Services	11,494	1,171	12,515	1,299	15,613	1,470
(3) Furnishings	12,014	1,224	14,229	1,477	13,986	1,317
(4) Miscellaneous	311	32	655	68	457	43
Subtotal Direct Obligations	74,222	7,561	81,415	8,450	83,852	7,894
Anticipated Reimbursements	3,500	357	3,500	363	3,500	330
Estimated Gross Obligations	77,722	7,917	84,915	8,813	87,352	8,224
<b>2. UTILITIES</b>	42,284	4,307	41,927	4,352	51,801	4,877
Anticipated Reimbursements	1,000	102	1,000	104	1,000	94
Estimated Gross Obligations	43,284	4,409	42,927	4,455	52,801	4,971
<b>3. MAINTENANCE</b>						
a. Maintenance & Repair of Dwellings	54,061	5,507	55,867	5,798	63,011	5,932
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	0	0	0	0
d. Alterations and Additions	28,540	2,907	27,522	2,856	27,661	2,604
Subtotal Direct Obligations	82,601	8,414	83,389	8,655	90,672	8,536
Anticipated Reimbursements	3,500	357	3,500	363	3,500	330
Estimated Gross Obligations	86,101	8,771	86,889	9,018	94,172	8,866
<b>4. GRAND TOTAL, O&amp;M - Direct Obligations</b>	199,107	20,282	206,731	21,456	226,325	21,307
<b>5. GRAND TOTAL -</b>						
Anticipated Reimbursements	8,000	815	8,000	830	8,000	753
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	207,107	21,097	214,731	22,287	234,325	22,060

\* Actual Per Unit Cost for Management is 759 vice 5,065. The 53,796 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 45,729 in non-unit management costs.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, NAVY  
FY 2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - CONUS

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
Units in Beginning of Year	1,984		1,984		1,579	
Units at End of Year	1,984		1,579		1,579	
Average Inventory for Year	1,984		1,824		1,579	
a. Average Historic Inventory for Year	43		43		2	
Requiring O&M Funding						
a. Conterminous U.S.	1,984		1,824		1,579	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
<b>1. OPERATIONS</b>						
a. Operating Expenses						
(1) Management*	36,710	18,503	39,150	21,464	38,540	24,408
(2) Services	1,444	728	1,721	944	957	606
(3) Furnishings	262	132	403	221	95	60
(4) Miscellaneous	311	157	655	359	457	289
Subtotal Direct Obligations	38,727	19,520	41,929	22,987	40,049	25,364
Anticipated Reimbursements	1,000	504	1,000	548	1,000	633
Estimated Gross Obligations	39,727	20,024	42,929	23,536	41,049	25,997
<b>2. UTILITIES</b>	7,393	3,726	6,454	3,538	4,357	2,759
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	7,393	3,726	6,454	3,538	4,357	2,759
<b>3. MAINTENANCE</b>						
a. Maintenance & Repair of Dwellings	14,259	7,187	13,574	7,442	7,824	4,955
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	0	0	0	0
d. Alterations and Additions	3,909	1,970	0	0	0	0
Subtotal Direct Obligations	18,168	9,157	13,574	7,442	7,824	4,955
Anticipated Reimbursements	1,000	504	1,000	548	1,000	633
Estimated Gross Obligations	19,168	9,661	14,574	7,990	8,824	5,588
<b>4. GRAND TOTAL, O&amp;M - Direct Obligations</b>	64,288	32,403	61,957	33,968	52,230	33,078
<b>5. GRAND TOTAL -</b>						
Anticipated Reimbursements	2,000	1,008	2,000	1,096	2,000	1,267
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	66,288	33,411	63,957	35,064	54,230	34,345

\* Actual Per Unit Cost for Management is 1,147 vice 24,408. The 38,540 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 36,729 in non-unit management costs.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, NAVY  
FY 2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - US OVERSEAS

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
Units in Beginning of Year	1,505		1,487		1,487	
Units at End of Year	1,487		1,487		2,806	
Average Inventory for Year	1,505		1,487		2,806	
a. Average Historic Inventory for Year	0		0		0	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	1,505		1,487		2,806	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
<b>1. OPERATIONS</b>						
a. Operating Expenses						
(1) Management*	2,579	1,714	2,800	1,883	3,227	1,150
(2) Services	2,910	1,934	3,460	2,327	7,311	2,605
(3) Furnishings	1,842	1,224	3,167	2,130	3,213	1,145
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	7,331	4,871	9,427	6,340	13,751	4,901
Anticipated Reimbursements	1,000	664	1,000	672	1,000	356
Estimated Gross Obligations	8,331	5,536	10,427	7,012	14,751	5,257
<b>2. UTILITIES</b>	9,953	6,613	10,879	7,316	19,045	6,787
Anticipated Reimbursements	500	332	500	336	500	178
Estimated Gross Obligations	10,453	6,946	11,379	7,652	19,545	6,965
<b>3. MAINTENANCE</b>						
a. Maintenance & Repair of Dwellings	12,859	8,544	13,406	9,015	25,916	9,236
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	0	0	0	0
d. Alterations and Additions	10,819	7,189	9,692	6,518	13,315	4,745
Subtotal Direct Obligations	23,678	15,733	23,098	15,533	39,231	13,981
Anticipated Reimbursements	1,000	664	1,000	672	1,000	356
Estimated Gross Obligations	24,678	16,397	24,098	16,206	40,231	14,337
<b>4. GRAND TOTAL, O&amp;M - Direct Obligations</b>	40,962	27,217	43,404	29,189	72,027	25,669
<b>5. GRAND TOTAL -</b>						
Anticipated Reimbursements	2,500	1,661	2,500	1,681	2,500	891
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	43,462	28,878	45,904	30,870	74,527	26,560

\* Actual Per Unit Cost for Management is 561 vice 1,150. The 3,227 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 1,652 in non-unit management costs.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, NAVY  
FY 2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - FOREIGN

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
	Units in Beginning of Year	6,328		6,178		6,193
Units at End of Year	6,178		6,193		6,281	
Average Inventory for Year	6,328		6,324		6,237	
a. Average Historic Inventory for Year	0		0		0	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	6,328		6,324		6,237	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
<b>1. OPERATIONS</b>						
a. Operating Expenses						
(1) Management*	11,114	1,756	12,066	1,908	12,029	1,929
(2) Services	7,140	1,128	7,334	1,160	7,345	1,178
(3) Furnishings	9,910	1,566	10,659	1,685	10,678	1,712
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	28,164	4,451	30,059	4,753	30,052	4,818
Anticipated Reimbursements	1,500	237	1,500	237	1,500	241
Estimated Gross Obligations	29,664	4,688	31,559	4,990	31,552	5,059
<b>2. UTILITIES</b>	24,938	3,941	24,594	3,889	28,399	4,553
Anticipated Reimbursements	500	79	500	79	500	80
Estimated Gross Obligations	25,438	4,020	25,094	3,968	28,899	4,633
<b>3. MAINTENANCE</b>						
a. Maintenance & Repair of Dwellings	26,943	4,258	28,887	4,568	29,271	4,693
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	0	0	0	0	0	0
d. Alterations and Additions	13,812	2,183	17,830	2,819	14,346	2,300
Subtotal Direct Obligations	40,755	6,440	46,717	7,387	43,617	6,993
Anticipated Reimbursements	1,500	237	1,500	237	1,500	241
Estimated Gross Obligations	42,255	6,677	48,217	7,624	45,117	7,234
<b>4. GRAND TOTAL, O&amp;M - Direct Obligations</b>	<b>93,857</b>	<b>14,832</b>	<b>101,370</b>	<b>16,029</b>	<b>102,068</b>	<b>16,365</b>
<b>5. GRAND TOTAL -</b>						
Anticipated Reimbursements	3,500	553	3,500	553	3,500	561
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	<b>97,357</b>	<b>15,385</b>	<b>104,870</b>	<b>16,583</b>	<b>105,568</b>	<b>16,926</b>

\* Actual Per Unit Cost for Management is 7,502 vice 1,929. The 12,029 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 7,348 in non-unit management costs.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, MARINE CORPS  
FY 2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - WORLDWIDE

	FY 2008		FY 2009		FY 2010	
<b>A. INVENTORY DATA</b>						
Units in Beginning of Year	917		816		816	
Units at End of Year	816		816		816	
Average Inventory for Year	867		816		816	
a. Average Historic Inventory for Year	6		6		6	
Requiring O&M Funding						
a. Conterminous U.S.	131		80		80	
b. U.S. Overseas	0		0		0	
c. Foreign	736		736		736	
d. Worldwide	867		816		816	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
<b>1. OPERATIONS</b>						
a. Operating Expenses						
(1) Management *	6,163	7,108	6,047	7,411	6,482	7,944
(2) Services	876	1,010	832	1,020	849	1,040
(3) Furnishings	784	904	807	989	638	782
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	7,823	9,023	7,686	9,419	7,969	9,766
Anticipated Reimbursements	20	23	110	135	110	135
Estimated Gross Obligations	7,843	9,046	7,796	9,554	8,079	9,901
<b>2. UTILITIES</b>						
Anticipated Reimbursements	0	0	90	110	90	110
Estimated Gross Obligations	2,002	2,309	2,231	2,734	2,245	2,751
<b>3. MAINTENANCE</b>						
a. Maintenance & Repair of Dwellings	3,651	4,211	3,526	4,321	3,384	4,147
b. Exterior Utilities	48	55	35	43	37	45
c. Maintenance & Repair of Other Real Property	96	111	89	109	91	112
d. Alterations and Additions	0	0	35	43	0	0
Subtotal Direct Obligations	3,795	4,377	3,685	4,516	3,512	4,304
Anticipated Reimbursements	233	269	300	368	300	368
Estimated Gross Obligations	4,028	4,646	3,985	4,884	3,812	4,672
<b>4. GRAND TOTAL, O&amp;M - Direct Obligation</b>	<b>13,620</b>	<b>15,709</b>	<b>13,512</b>	<b>16,559</b>	<b>13,636</b>	<b>16,711</b>
<b>5. GRAND TOTAL -</b>						
Anticipated Reimbursements	253	292	500	613	500	613
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	<b>13,873</b>	<b>16,001</b>	<b>14,012</b>	<b>17,172</b>	<b>14,136</b>	<b>17,324</b>

\* Actual Per Unit Cost for Management is 2,182 vice 7,944. The 6,482 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 4,590 in non-unit management costs.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, MARINE CORPS  
FY2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - CONUS

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
	Units in Beginning of Year	181		80		80
Units at End of Year	80		80		80	
Average Inventory for Year	131		80		80	
a. Average Historic Inventory for Year	6		6		6	
Requiring O&M Funding						
a. Conterminous U.S.	131		80		80	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
1. OPERATIONS						
a. Operating Expenses						
(1) Management *	4,159	31,748	4,011	50,138	4,295	53,688
(2) Services	187	1,427	132	1,650	135	1,688
(3) Furnishings	9	69	53	663	55	688
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	4,355	33,244	4,196	52,450	4,485	56,063
Anticipated Reimbursements	10	76	45	563	45	563
Estimated Gross Obligations	4,365	33,321	4,241	53,013	4,530	56,625
2. UTILITIES	846	6,458	365	4,563	343	4,288
Anticipated Reimbursements	0	0	15	188	14	175
Estimated Gross Obligations	846	6,458	380	4,750	357	4,463
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	1,364	10,412	584	7,300	590	7,375
b. Exterior Utilities	6	46	9	113	10	125
c. Maintenance & Repair of Other Real Property	6	46	12	150	11	138
d. Alterations and Additions	0	0	9	113	0	0
Subtotal Direct Obligations	1,426	10,885	614	7,675	611	7,638
Anticipated Reimbursements	7	53	88	1,100	88	1,100
Estimated Gross Obligations	1,433	10,939	702	8,775	699	8,738
<b>4. GRAND TOTAL, O&amp;M - Direct Obligation</b>	<b>6,627</b>	<b>50,588</b>	<b>5,175</b>	<b>64,688</b>	<b>5,439</b>	<b>67,988</b>
5. GRAND TOTAL -						
Anticipated Reimbursements	17	130	148	1,850	147	1,838
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	<b>6,644</b>	<b>50,718</b>	<b>5,323</b>	<b>66,538</b>	<b>5,586</b>	<b>69,825</b>

\* Actual Per Unit Cost for Management is 2,438 vice 53,688. The 4,295 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 4,100 in non-unit management costs.

DEPARTMENT OF THE NAVY  
 FAMILY HOUSING, MARINE CORPS  
 FY 2010 OPERATIONS AND MAINTENANCE  
 (EXCLUDES LEASED UNITS AND COSTS)  
 GEOGRAPHIC - US OVERSEAS

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
Units in Beginning of Year	0		0		0	
Units at End of Year	0		0		0	
Average Inventory for Year	0		0		0	
a. Average Historic Inventory for Year	0		0		0	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	0		0		0	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
<b>1. OPERATIONS</b>						
a. Operating Expenses						
(1) Management	401	0	158	0	194	0
(2) Services	35	0	0	0	0	0
(3) Furnishings	350	0	539	0	364	0
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	786	0	697	0	558	0
Anticipated Reimbursements		0	15	0	15	0
Estimated Gross Obligations	786	0	712	0	573	0
<b>2. UTILITIES</b>	0	0	0	0	0	0
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	0	0	0	0	0	0
<b>3. MAINTENANCE</b>						
a. Maintenance & Repair of Dwellings	0	0	0	0	0	0
b. Exterior Utilities	0	0	0	0	0	0
c. Maintenance & Repair of Other Real Property	50	0	0	0	0	0
d. Alterations and Additions	0	0	0	0	0	0
Subtotal Direct Obligations	0	0	0	0	0	0
Anticipated Reimbursements	0	0	0	0	0	0
Estimated Gross Obligations	0	0	0	0	0	0
<b>4. GRAND TOTAL, O&amp;M - Direct Obligation</b>	786	0	697	0	558	0
<b>5. GRAND TOTAL -</b>						
Anticipated Reimbursements	0	0	15	0	15	0
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	786	0	712	0	573	0

\* The 194 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 194 in non-unit management costs.

DEPARTMENT OF THE NAVY  
FAMILY HOUSING, MARINE CORPS  
FY 2010 OPERATIONS AND MAINTENANCE  
(EXCLUDES LEASED UNITS AND COSTS)  
GEOGRAPHIC - FOREIGN

A. INVENTORY DATA	FY 2008		FY 2009		FY 2010	
	Units in Beginning of Year	736		736		736
Units at End of Year	736		736		736	
Average Inventory for Year	736		736		736	
a. Average Historic Inventory for Year	0		0		0	
Requiring O&M Funding						
a. Conterminous U.S.	0		0		0	
b. U.S. Overseas	0		0		0	
c. Foreign	736		736		736	
d. Worldwide	0		0		0	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
<b>B. FUNDING REQUIREMENT</b>						
1. OPERATIONS						
a. Operating Expenses						
(1) Management *	1,603	2,178	1,878	2,552	1,993	2,708
(2) Services	654	889	700	951	714	970
(3) Furnishings	425	577	215	292	219	298
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	2,682	3,644	2,793	3,795	2,926	3,976
Anticipated Reimbursements	10	14	50	68	50	68
Estimated Gross Obligations	2,692	3,658	2,843	3,863	2,976	4,043
2. UTILITIES	1,156	1,571	1,776	2,413	1,812	2,462
Anticipated Reimbursements	0	0	75	102	76	103
Estimated Gross Obligations	1,156	1,571	1,851	2,515	1,888	2,565
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	2,287	3,107	2,942	3,997	2,794	3,796
b. Exterior Utilities	42	57	26	35	27	37
c. Maintenance & Repair of Other Real Property	40	54	77	105	80	109
d. Alterations and Additions	0	0	26	35	0	0
Subtotal Direct Obligations	2,369	3,219	3,071	4,173	2,901	3,942
Anticipated Reimbursements	226	307	212	288	212	288
Estimated Gross Obligations	2,595	3,526	3,283	4,461	3,113	4,230
<b>4. GRAND TOTAL, O&amp;M - Direct Obligation</b>	<b>6,207</b>	<b>8,433</b>	<b>7,640</b>	<b>10,380</b>	<b>7,639</b>	<b>10,379</b>
5. GRAND TOTAL -						
Anticipated Reimbursements	236	321	337	458	338	459
<b>6. GRAND TOTAL, O&amp;M - Gross Obligations</b>	<b>6,443</b>	<b>8,754</b>	<b>7,977</b>	<b>12,509</b>	<b>7,977</b>	<b>10,838</b>

\* Actual Per Unit Cost for Management is 2,306 vice 2,708. The 1,993 cost includes program costs not associated with unit property management such as community housing referral, relocation assistance and housing market analyses which equate to 296 in non-unit management costs.

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**MANAGEMENT**

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>	
1. FY 2009 President's Budget Request		54,016
2. FY 2009 Appropriated Amount		54,016
3. FY 2009 Current Estimate		54,016
4. Price Growth:		1,044
a. Civilian Personnel Compensation	669	
b. Inflation	350	
c. Working Capital Fund	25	
5. Program Increases:		72
a. Joint Basing - Little Creek	72	
6. Program Decreases:		(1,336)
a. Joint Basing - Lakehurst	(228)	
b. Program Efficiencies - PPV	(1,108)	
7. FY 2010 President's Budget Request		53,796

**RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT**

Price growth in the Management account is due to Civilian Personnel Compensation, Inflation, and Working Capital Fund. The Program Increase is associated with the minor transfer of funding associated with Ft. Story/Little Creek AFB as part of Joint Basing. The Program Decreases are associated with minor transfer of funding associated with Lakehurst/Ft. Dix as part of Joint Basing, the award of the Mid-Atlantic PH II PPV project on 30 Sep 09, as well as continued reductions at privatized locations due to consolidation of staff and resources.

**IMPACT OF PRIVATIZATION:** Minor reduction in this account due to the privatization of 376 units in the Mid-Atlantic Region and continued efficiencies gained through PPV.

### Navy FH Management Civilian Personnel Breakdown (FY07-10)

Region	FY07 FTEs	FY08 FTEs	FY09 FTEs	FY10 FTEs
CNIC HQ	22	22	22	22
Mid-Atlantic	91	63	63	63
Midwest*	20	15	15	15
NDW	26	23	23	23
Northwest	24	16	16	16
Southeast*	72	33	26	26
Southwest	62	22	22	22
<b>CONUS Totals</b>	<b>317</b>	<b>194</b>	<b>187</b>	<b>187</b>
Hawaii	15	12	12	12
Guam	7	7	7	7
<b>US Overseas Totals</b>	<b>22</b>	<b>19</b>	<b>19</b>	<b>19</b>
Europe	106	93	93	93
Japan	74	74	74	74
Korea	2	2	2	2
Southeast (Guantanamo Bay)	4	4	4	4
<b>Foreign Totals</b>	<b>186</b>	<b>173</b>	<b>173</b>	<b>173</b>
<b>Management Account Totals</b>	<b>525</b>	<b>386</b>	<b>379</b>	<b>379</b>

\* Effective FY07, NSF Mid-South has been moved from Southeast Region to Midwest Region.

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**SERVICES**

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2009 President's Budget Request	12,515
2. FY 2009 Appropriated Amount	12,515
3. FY 2009 Current Estimate	12,515
4. Price Growth:	155
a. Civilian Personnel Compensation	1
b. Inflation	139
c. Working Capital Fund	15
5. Program Increases:	4,757
a. Joint Basing - Guam	4,757
6. Program Decreases:	(1,814)
a. Inventory Reduction - MA PH II PPV	(785)
b. Reduced Requirement at Foreign Locations	(1,029)
7. FY 2010 President's Budget Request	15,613

**RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT**

Pricing growth in the Services account is due to Civilian Personnel Compensation, Inflation, and Working Capital Fund. The Program Increase is associated with the transfer of funding associated with 1,319 units at Andersen AFB as part of Joint Basing. The Program Decrease is associated with reduced inventory due to the award of the Mid-Atlantic PH II PPV project on 30 Sep 09, as well as reductions at Foreign Locations to properly align requirements with recent execution.

**IMPACT OF PRIVATIZATION:** Minor reduction in this account due to the privatization of 376 units in the Mid-Atlantic Region.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**FURNISHINGS**

Reconciliation of Increases and Decreases

		<u>(Dollars in Thousands)</u>
1. FY 2009 President's Budget Request		14,229
2. FY 2009 Appropriated Amount		14,229
3. FY 2009 Current Estimate		14,229
4. Price Growth:		197
a. Civilian Personnel Compensation	35	
b. Inflation	141	
c. Working Capital Fund	21	
5. Program Decreases:		(440)
a. Inventory Reduction - MA PH II PPV	(314)	
b. Minor Reductions at Foreign Locations	(126)	
6. FY 2010 President's Budget Request		13,986

**RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT**

Price growth in the Furnishings Account is due to Civilian Personnel Compensation, Inflation, and Working Capital Fund. The Program Decrease is associated with reduced inventory due to the award of the Mid-Atlantic PH II PPV project on 30 Sep 09, as well as minor reductions at Foreign Locations due to less replacement furnishings required this year.

**IMPACT OF PRIVATIZATION:** Minor reduction in this account due to the privatization of 376 units in the Mid-Atlantic Region.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**MISCELLANEOUS**

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>	
1. FY 2009 President's Budget Request		655
2. FY 2009 Appropriated Amount		655
3. FY 2009 Current Estimate		655
4. Price Growth:		8
a. Inflation	8	
5. Program Decreases		(206)
a. Reduced Coast Guard Requirement	(206)	
6. FY 2010 President's Budget Request		457

**RATIONALE FOR CHANGES IN THE MISCELLANEOUS ACCOUNT**

Price growth in the Miscellaneous Account is due to Inflation. The Program Decrease is due to reduced requirements to reimburse the Coast Guard for Navy families living in their homes.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**OPERATING EXPENSES**

**MANAGEMENT**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY2009 President's Budget Request		6,047
2. FY2009 Appropriated Amount		6,047
3. FY2009 Current Estimate		6,047
4. Price Growth		418
a. Civilian Personnel Pricing Model	392	
b. Inflation	26	
5. Program Decreases		(190)
a. Program & Management Studies	(190)	
6. Program Increases		207
a. Automated Housing Referral Network (AHRN)	207	
7. FY2010 President's Budget Request		6,482

**RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT**

The management account provides for direct and indirect expenses in managing the family housing program and community housing referral program. Included in this account are costs associated with housing office and community referral office personnel payroll; civilian pay increases; community liaison, training and travel of housing personnel, vehicle leasing, costs associated with the Electronic Navy Housing (ENH) and Navy and Marine Corps Intranet (NMCI); and administrative support provided to housing by other base offices such as human resources services, purchasing, contracting, facilities management departments, public affairs, and field headquarters offices. Also included in the management account are costs associated with environmental compliance studies and housing requirements determination market analyses.

The management account funding adjustments reflect pricing changes associated with management of existing units and the community housing referral program. Program decrease reflects USMC overall decrease in management studies. Program growth reflects USMC allocated cost of OSD referral/relocation assistance program (Automated Housing Referral Network) Prescribed inflation rates and civilian pay raise rates were utilized. Installations continue to provide community housing referral services. Detailed calculations used to determine the FY10 requirement are provided below. A breakdown of civilian Full Time Equivalent requirements is also provided.

BLANK PAGE

## MARINE CORPS FAMILY HOUSING CIVPERS (FY08-10)

			FY08 FTE'S	FY09 FTE'S	FY10 FTE'S
Albany	BP11	Management	2	2	2
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	2	2	2
	Subtotal		4	4	4
Barstow	BP11	Management	2	2	2
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	1	1	1
	BP30	Privatization Support	0	0	0
	Subtotal		3	3	3
Kansas City	BP11	Management	1	1	1
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	2	2	2
	Subtotal		3	3	3
29 Palms	BP11	Management	5	5	5
	BP12	Furnishings	0	0	0
	BP16	Leasing	4	4	2
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	4	4	4
	Subtotal		13	13	11
Quantico	BP11	Management	4	4	4
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	6	6	6
	Subtotal		10	10	10
Beaufort	BP11	Management	2	2	2
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	4	4	4
	Subtotal		6	6	6
Parris Island	BP11	Management	2	2	2
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	1	1	1
	Subtotal		3	3	3
MARFORRES	BP11	Management	2	2	2
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	3	3	3
	Subtotal		5	5	5

## MARINE CORPS FAMILY HOUSING CIVPERS (FY08-10)

			FY08 FTE'S	FY09 FTE'S	FY10 FTE'S
8th & I	BP11	Management	0	0	0
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	0	0	0
	Subtotal		0	0	0
Iwakuni	BP11	Management	4	4	5
	BP12	Furnishings	0	0	1
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	0	0	0
	Subtotal		4	4	6
Cherry Point	BP11	Management	2	2	2
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	6	6	6
	Subtotal		8	8	8
Camp Lejeune	BP11	Management	14	14	14
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	11	11	11
	Subtotal		25	25	25
Camp Pendleton	BP11	Management	14	14	14
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	11	11	11
	Subtotal		25	25	25
Hawaii	BP11	Management	2	2	2
	BP12	Furnishings	4	4	4
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	5	5	5
	Subtotal		11	11	11
Yuma	BP11	Management	1	1	1
	BP12	Furnishings	0	0	0
	BP16	Leasing	0	0	0
	BP21	Maintenance	0	0	0
	BP30	Privatization Support	4	4	4
	Subtotal		5	5	5
<b>Totals</b>	<b>BP11</b>	<b>Management</b>	<b>57</b>	<b>57</b>	<b>58</b>
	<b>BP12</b>	<b>Furnishings</b>	<b>4</b>	<b>4</b>	<b>5</b>
	<b>BP16</b>	<b>Leasing</b>	<b>4</b>	<b>4</b>	<b>2</b>
	<b>BP21</b>	<b>Maintenance</b>	<b>1</b>	<b>1</b>	<b>1</b>
	<b>BP30</b>	<b>Privatization Support</b>	<b>59</b>	<b>59</b>	<b>59</b>
	<b>Totals</b>		<b>125</b>	<b>125</b>	<b>125</b>
<b>Direct</b>		<b>125</b>	<b>125</b>	<b>125</b>	
<b>Reimbursable</b>		<b>0</b>	<b>0</b>	<b>0</b>	

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**SERVICES**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY2009 President's Budget Request	832
2. FY2009 Appropriated Amount	832
3. FY2009 Current Estimate	832
4. Price Growth	17
a. Inflation	17
5. FY2010 President's Budget Request	849

**RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT**

Includes direct and indirect expenses incident to providing basic support services such as refuse collection and disposal, fire and police protection, pest control, custodial services, snow removal, street cleaning and entomological services.

The services account funding adjustments reflect pricing and program changes associated with existing units. Prescribed inflation rates were utilized.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**FURNISHINGS**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY2009 President's Budget Request		807
2. FY2009 Appropriated Amount		807
3. FY2009 Current Estimate		807
4. Price Growth		24
a. Civilian Pay Raise	21	
b. Inflation	3	
5. Program Decreases		(193)
a. Hawaii FY09 one time loaner furniture purchase	(193)	
6. FY2010 President's Budget Request		638

**RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT**

Furnishings subaccount includes the procurement of initial issue or replacement of household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; the control, moving and handling of equipment and furnishings inventories; and the maintenance and repair of equipment and furnishings.

The furnishings account funding adjustments reflect pricing and program changes associated with existing units and the overseas loaner furnishings program. Prescribed inflation rates and civilian pay raise rates were utilized.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**UTILITIES**

Reconciliation of Increases and Decreases

		<u>(Dollars in Thousands)</u>
1. FY 2009 President's Budget Request		41,927
2. FY 2009 Appropriated Amount		41,927
3. FY 2009 Current Estimate		41,927
4. Price Growth:		1,457
a. Inflation	104	
b. Working Capital Fund	1,353	
5. Program Increases:		8,712
a. Joint Basing - Guam	8,712	
6. Program Decreases:		(295)
a. Inventory Reduction - MA PH II PPV	(295)	
7. FY 2010 President's Budget Request		51,801

**RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT**

Price growth in the Utilities Account is due to Inflation and Working Capital Fund. The Program Increase is associated with the transfer of funding associated with 1,319 units at Andersen AFB as part of Joint Basing. The Program Decrease is associated with reduced inventory due to the award of the Mid-Atlantic PH II PPV project on 30 Sep 09.

**IMPACT OF PRIVATIZATION:** Minor reduction in this account due to the privatization of 376 units in the Mid-Atlantic Region.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**UTILITIES**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY2009 President's Budget Request	2,141
2. FY2009 Appropriated Amount	2,141
3. FY2009 Current Estimate	2,141
4. Price Growth	14
a. Inflation	14
5. FY2010 President's Budget Request	2,155

**RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT**

Utilities account includes all utility services provided to family housing, such as electricity, gas, fuel oil, water and sewage, excluding telephone service.

The utilities account funding adjustments reflect pricing and program changes associated with existing units. Prescribed inflation rates were utilized.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**MAINTENANCE**

Reconciliation of Increases and Decreases

		<u>(Dollars in Thousands)</u>
1. FY 2009 President's Budget Request		83,389
2. FY 2009 Appropriated Amount		83,389
3. FY 2009 Current Estimate		83,389
4. Price Growth:		1,003
a. Civilian Personnel Compensation	80	
b. Inflation	863	
c. Working Capital Fund	60	
5. Program Increases:		10,484
a. Joint Basing - Guam	10,484	
6. Program Decreases:		<span style="color: red;">(4,204)</span>
a. Inventory Reduction - MA PH II PPV	<span style="color: red;">(4,204)</span>	
7. FY 2010 President's Budget Request		90,672

**RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT**

Price growth in the Maintenance account is due to Civilian Personnel Compensation, Inflation, and Working Capital Fund. The Program Increase is associated with the transfer of funding associated with 1,319 units at Andersen AFB as part of Joint Basing. The Program Decrease is associated with reduced inventory due to the award of the Mid-Atlantic PH II PPV project on 30 Sep 09.

**IMPACT OF PRIVATIZATION:** Minor reduction in this account due to the privatization of 376 units in the Mid-Atlantic Region.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**MAINTENANCE**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY2009 President's Budget Request		3,685
2. FY2009 Appropriated Amount		3,685
3. FY2009 Current Estimate		3,685
4. Price Change		(124)
a. Civilian Pay Raise	2	
b. Inflation	43	
c. Foreign Currency Adjustment	(169)	
5. Program Decrease		(49)
a. Reduced maintenance due to increased units off-line for renovati	(49)	
6. FY2010 President's Budget Request		3,512

**RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT**

Maintenance Subaccount includes the following areas:

Maintenance/Repair of Dwellings. Includes service calls, change of occupancy rehabilitation, routine maintenance, preventive maintenance, interior and exterior painting, and major repairs when dollars associated with major repairs may be in alterations and additions.

Exterior Utilities. Includes maintenance, repair and replacement of electricity, gas, water, sewage and other utility distribution systems located within family housing areas, and the portion of activity utility rates attributable to distribution system maintenance when separately identified.

Other Real Property. Includes maintenance and repair of any other family housing real property, such as grounds, surfaced areas, and community facilities.

Alterations and Additions. Includes minor incidental improvements to dwellings or other real property performed with operation and maintenance funds under the minor construction authority provided in the annual Appropriations Act.

The maintenance account funding adjustments reflect pricing changes associated with remaining existing units. This funding profile is necessary to prevent deterioration of the housing assets, which could result in degradation of quality of life for military personnel and their families, the closure of units or greater financial outlays in the out years. Prescribed inflation rates and civilian pay raise rates were utilized.

BLANK PAGE

<b>1. COMPONENT</b> DoN	<b>FY 2010 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b>
<b>3. INSTALLATION AND LOCATION</b> NAVAL INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
<b>4. PROJECT TITLE</b> FAMILY HOUSING REPAIRS GREATER THAN \$20K/UNIT	<b>5. PROJECT MANAGER</b>	
INSTALLATION/LOCATION /PROJECT DESCRIPTION		(\$000) CURRENT WORKING ESTIMATE
<p style="text-align: center;"><b><u>INSIDE THE UNITED STATES</u></b></p> <p><b><u>DISTRICT OF COLUMBIA</u></b> Marine Barracks, 8<sup>th</sup> &amp; I (Quarters 3) <span style="float: right;">61.5</span></p> <p>This project will conduct major maintenance on the home's chimney to stop water from leaking into the home (\$47.5K). Current working estimate includes routine recurring maintenance, service calls and grounds maintenance.</p>		

BLANK PAGE

DEPARTMENT OF THE NAVY  
FY 2010 BUDGET  
GENERAL/FLAG OFFICERS QUARTERS (GFOQs)  
WHERE ANTICIPATED MAINTENANCE AND REPAIR  
WILL EXCEED \$35,000 PER UNIT

This information is provided in accordance with the reporting requirement established by Section 123 of the Fiscal Year 2009 Military Construction, Veterans Affairs and Related Agencies Appropriation Bill, P.L. 110-329. The information provides the details for those GFOQs where the maintenance and repair obligations in FY 2010 are expected to exceed \$35,000 per unit. Operations include the prorated costs for management of family housing, services such as refuse collection, entomology, snow removal, and furnishings. Utilities include applicable costs for energy (electricity, gas, fuel oil, steam, and geothermal), water and sewerage. Maintenance and repairs include recurring work such as service calls, preventive maintenance, routine change of occupancy work, and major repairs. This includes all operation and maintenance costs to the dwelling unit, appurtenant structures and other related area and facilities intended for the use of the general or flag officer. In those quarters designated as historical, major work is coordinated with the appropriate State Historic Preservation office. These quarters are identified as National Historic Register (NHR) or National Historic Landmark (NHL) or eligible to be on the National Historic Register (ELIG) or are in a Historical Thematic District (HTD).

1. COMPONENT NAVY/MARINE CORPS	FY 2010 MILITARY CONSTRUCTION PROJECT DATA					2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS						5. PROJECT NUMBER	
STATE/ <u>INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT &amp; RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<b><u>INSIDE THE UNITED STATES</u></b>							
<b><u>DISTRICT OF COLUMBIA</u></b>							
NSA Washington DC	10 ASC	29,300	6,700	48,300	0	84,300	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, replacing the carpet, cleaning the ducts, repairs to the interior walls and interior painting. (Year built: 1930; NSF: 1,564)							
NSA Washington DC	A-NNMC	33,000	8,900	54,900	0	96,800	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, replacing the carpet, cleaning the ducts, repairs to the interior walls and interior painting. (Year built: 1941; NSF: 3,064; ELIG)							
NSA Washington DC	AA Potomac Annex	44,300	13,700	61,200	0	119,200	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1910; NSF: 5,425; HTD)							
NSA Washington DC	B-NNMC	32,900	6,800	46,600	0	86,300	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, replacing the carpet, cleaning the ducts, repairs to the interior walls and interior painting. (Year built: 1941; NSF: 3,805; HTD)							
NSA Washington DC	B-NOBSY	32,000	5,900	53,500	0	91,400	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes interior painting, replacing the carpet, duct cleaning and miscellaneous minor repairs. (Year built: 1897; NSF: 2,333; NHL)							
NSA Washington DC	B-WNY	32,500	18,300	65,200	0	116,000	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1802; NSF: 4,459; NHL)							
NSA Washington DC	BB Potomac Annex	36,800	7,700	77,200	0	121,700	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, replacing the kitchen floor, interior painting, duct cleaning, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1910; NSF: 3,949; HTD)							

1. COMPONENT NAVY/MARINE CORPS	FY 2010 MILITARY CONSTRUCTION PROJECT DATA					2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS						5. PROJECT NUMBER	
<u>STATE/ INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT &amp; RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
NSA Washington DC	C-NOBSY	31,400	9,900	53,800	0	95,100	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, replacing the carpet, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1897; NSF: 1,844; NHL)							
NSA Washington DC	C-WNY	36,200	14,700	45,000	0	95,900	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, replacing the carpet, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1879; NSF: 3,200; NHL)							
NSA Washington DC	D-NNMC	30,800	6,400	54,200	0	91,400	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, replacing the carpet, replacing bathroom tile, and miscellaneous minor repairs. (Year built: 1941; NSF: 2,250; HTD)							
NSA Washington DC	D-WNY	33,000	8,900	45,400	0	87,300	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, repairs to the interior walls, duct cleaning, interior painting and miscellaneous minor repairs. (Year built: 1879; NSF: 3,220; NHL)							
NSA Washington DC	E-NNMC	30,400	8,500	54,500	0	93,400	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1941; NSF: 3,549; HTD)							
NSA Washington DC	E-WNY	41,100	8,800	52,200	0	102,100	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, replacing the carpet, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1880; NSF: 4,130; NHL)							
NSA Washington DC	F-NOBSY	30,700	9,200	52,400	0	92,300	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes repairs to the interior walls, interior painting, refinishing the hardwood floors, duct cleaning, replacing the carpet and miscellaneous minor repairs. (Year built: 1946; NSF: 2,100; NHL)							
NSA Washington DC	G-WNY	41,100	7,500	50,000	0	98,600	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, replacing the carpet, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1880; NSF: 3,690; NHL)							

1. COMPONENT NAVY/MARINE CORPS	FY 2010 MILITARY CONSTRUCTION PROJECT DATA					2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS						5. PROJECT NUMBER	
STATE/ <u>INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT &amp; RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
NSA Washington DC	L-1-WNY	31,100	7,100	41,700	0	79,900	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, repairs to the interior walls, duct cleaning, interior painting, replacing the carpet and miscellaneous minor repairs. (Year built: 1868; NSF: 2,320; NHL)							
NSA Washington DC	O-WNY	29,900	8,300	50,900	0	89,100	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, replacing the carpet, repairs to the interior walls, interior painting, duct cleaning and miscellaneous minor repairs. (Year built: 1866; NSF: 2,680; NHL)							
NSA Washington DC	R-WNY	31,700	9,000	55,300	0	96,000	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, replacing the carpet, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1857; NSF: 2,945; NHL)							
NSA Washington DC	U-WNY	30,100	15,500	47,900	0	93,500	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes duct cleaning, replacing the carpet, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1937; NSF: 5,373)							
NSA Washington DC	V-WNY	32,200	8,600	52,000	0	92,800	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Change of occupancy maintenance includes refinishing the hardwood floors, interior painting, duct cleaning, replacing the carpet, repairs to the interior walls and miscellaneous minor repairs. (Year built: 1901; NSF: 3,020; NHL)							
<b><u>MARYLAND</u></b>							
USNA Annapolis	1 Buchanan	34,400	21,900	172,500	0	228,800	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance to include removing and installing the awnings, staining/waterproofing the exterior fence, service calls and grounds maintenance. Change of occupancy maintenance includes miscellaneous plumbing and electrical repairs, interior painting, refinishing the hardwood floors and replacing the carpet. (Year built: 1906; NSF: 13,048; NHR)							
<b><u>SOUTH CAROLINA</u></b>							
MCRD Parris Island	Quarters 1	9,300	4,800	307,300	0	312,100	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, and a historical study conducted by the National Park Services. The historical study will consist of collecting and verifying historical documentation, reviewing structural, mechanical, and electrical conditions of the home, advice of current deficiencies, and provide a long-range maintenance plan. Change of occupancy maintenance includes repairs to the interior walls and miscellaneous minor repairs. (Year built: 1889; NSF: 5,929; NHR)							

1. COMPONENT NAVY/MARINE CORPS	FY 2010 MILITARY CONSTRUCTION PROJECT DATA					2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS						5. PROJECT NUMBER	
STATE/ <u>INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT &amp; RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<b><u>TEXAS</u></b>							
NAS Corpus Christi	SOQ 1	21,800	6,900	180,800	0	209,500	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Major repairs include replacing the windows, exterior wood repairs and paint and repairs to the front porch columns, seal and paint. (Year built: 1941; NSF: 4,584; HTD)							
<b><u>OUTSIDE THE UNITED STATES</u></b>							
<b><u>ITALY</u></b>							
NSA Naples	Villa Nike	32,100	91,400	66,700	0	190,200	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. (Year built: 1949; NSF: 11,322)							
<b><u>JAPAN</u></b>							
COMNAVFOR Japan	11 Nimitz	16,600	4,700	252,000	0	273,300	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Major repairs include replacing the A/C system, repairing the built up roofing, replacing flooring and carpeting, exterior painting and a complete interior painting. (Year built: 1992; NSF: 2,259)							
COMNAVFOR Japan	16 Halsey	17,700	10,100	52,600	0	80,400	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. (Year built: 1940; NSF: 3,223)							
COMNAVFOR Japan	17 Halsey	20,700	6,700	75,300	0	102,700	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Major repairs include a complete interior painting. (Year built: 1948; NSF: 4,140)							
COMNAVFOR Japan	18 Halsey	17,700	10,400	67,900	0	96,000	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Major repairs include a complete interior painting. (Year built: 1948; NSF: 4,216)							
<b><u>MARIANAS ISLAND</u></b>							
COMNAVFOR Guam	4 Flag Circle	8,900	23,100	45,500	0	77,500	0
Operations consist of management, services and furnishings. Maintenance and repairs include routine, recurring maintenance, service calls and grounds maintenance. Major repairs include the installation of hookups for a portable generator. (Year built: 1945; NSF: 3,448)							

BLANK PAGE

Department of the Navy  
Navy General and Flag Officers' Quarters  
Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for Fiscal Year 2010  
(Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Ops Cost	Maint. Cost	Repair Cost	Total O&M	Utility Cost	Leasing Cost	Hist. Pres. Cost	Total FH O&M Cost
District of Columbia	Washington, DC*	10-ASC	1930	1564	\$29.3	\$48.3	\$0.0	\$77.6	\$6.7	\$0.0	\$0.0	\$84.3
		A-NNMC	1941	3064	\$33.0	\$54.9	\$0.0	\$87.9	\$8.9	\$0.0	\$0.0	\$96.8
		A-NAC	1922	4260	\$40.4	\$32.7	\$0.0	\$73.1	\$12.2	\$0.0	\$0.0	\$85.3
		AA Potomac Annex	1910	5425	\$44.3	\$61.2	\$0.0	\$105.5	\$13.7	\$0.0	\$0.0	\$119.2
		B-NNMC	1941	3805	\$32.9	\$46.6	\$0.0	\$79.5	\$6.8	\$0.0	\$0.0	\$86.3
		B-NOBSY	1897	2333	\$32.0	\$53.5	\$0.0	\$85.5	\$5.9	\$0.0	\$0.0	\$91.4
		B-WNY	1802	4459	\$32.5	\$65.2	\$0.0	\$97.7	\$18.3	\$0.0	\$0.0	\$116.0
		BB Potomac Annex	1910	3949	\$36.8	\$77.2	\$0.0	\$114.0	\$7.7	\$0.0	\$0.0	\$121.7
		C-NOBSY	1897	1844	\$31.4	\$53.8	\$0.0	\$85.2	\$9.9	\$0.0	\$0.0	\$95.1
		C-WNY	1879	3200	\$36.2	\$45.0	\$0.0	\$81.2	\$14.7	\$0.0	\$0.0	\$95.9
		CC Potomac Annex	1910	5252	\$39.5	\$26.2	\$0.0	\$65.7	\$11.4	\$0.0	\$0.0	\$77.1
		D-NNMC	1941	2250	\$30.8	\$54.2	\$0.0	\$85.0	\$6.4	\$0.0	\$0.0	\$91.4
		D-NOBSY	1900	2450	\$31.2	\$31.3	\$0.0	\$62.5	\$5.2	\$0.0	\$0.0	\$67.7
		D-WNY	1879	3220	\$33.0	\$45.4	\$0.0	\$78.4	\$8.9	\$0.0	\$0.0	\$87.3
		E-NNMC	1941	3549	\$30.4	\$54.5	\$0.0	\$84.9	\$8.5	\$0.0	\$0.0	\$93.4
		E-WNY	1880	4130	\$41.1	\$52.2	\$0.0	\$93.3	\$8.8	\$0.0	\$0.0	\$102.1
		F-NOBSY	1946	2100	\$30.7	\$52.4	\$0.0	\$83.1	\$9.2	\$0.0	\$0.0	\$92.3
		F-WNY	1880	3880	\$37.3	\$23.3	\$0.0	\$60.6	\$7.4	\$0.0	\$0.0	\$68.0
		G-WNY	1880	3690	\$41.1	\$50.0	\$0.0	\$91.1	\$7.5	\$0.0	\$0.0	\$98.6
H-WNY	1880	4030	\$32.4	\$30.5	\$0.0	\$62.9	\$15.0	\$0.0	\$0.0	\$77.9		
L-WNY	1868	2410	\$29.4	\$28.4	\$0.0	\$57.8	\$5.8	\$0.0	\$0.0	\$63.6		
L-1-WNY	1868	2320	\$31.1	\$41.7	\$0.0	\$72.8	\$7.1	\$0.0	\$0.0	\$79.9		
M-1-WNY	1868	3160	\$29.9	\$28.3	\$0.0	\$58.2	\$10.4	\$0.0	\$0.0	\$68.6		
M-WNY	1868	2320	\$29.9	\$28.2	\$0.0	\$58.1	\$7.0	\$0.0	\$0.0	\$65.1		
N-WNY	1868	2720	\$29.9	\$29.8	\$0.0	\$59.7	\$5.5	\$0.0	\$0.0	\$65.2		
O-WNY	1866	2680	\$29.9	\$50.9	\$0.0	\$80.8	\$8.3	\$0.0	\$0.0	\$89.1		
R-WNY	1857	2945	\$31.7	\$55.3	\$0.0	\$87.0	\$9.0	\$0.0	\$0.0	\$96.0		
U-WNY	1937	5373	\$30.1	\$47.9	\$0.0	\$78.0	\$15.5	\$0.0	\$0.0	\$93.5		
V-WNY	1901	3020	\$32.2	\$52.0	\$0.0	\$84.2	\$8.6	\$0.0	\$0.0	\$92.8		
Maryland	Annapolis*	1 Buchanan	1906	13048	\$34.4	\$172.5	\$0.0	\$206.9	\$21.9	\$0.0	\$0.0	\$228.8
Texas	Corpus Christi	SOQ 1	1941	4584	\$21.8	\$31.0	\$149.8	\$202.6	\$6.9	\$0.0	\$0.0	\$209.5
		SOQ II	1936	3353	\$22.8	\$26.2	\$0.0	\$49.0	\$5.6	\$0.0	\$0.0	\$54.6
Cuba	Guantanamo Bay	M-101	1941	4704	\$14.3	\$24.6	\$0.0	\$38.9	\$40.0	\$0.0	\$0.0	\$78.9
Italy	Naples	Villa Nike	1949	11322	\$32.1	\$66.7	\$0.0	\$98.8	\$91.4	\$0.0	\$0.0	\$190.2
Japan	Yokosuka	11 Nimitz	1992	2259	\$16.6	\$38.9	\$213.1	\$268.6	\$4.7	\$0.0	\$0.0	\$273.3
		16 Halsey	1940	3223	\$17.7	\$52.6	\$0.0	\$70.3	\$10.1	\$0.0	\$0.0	\$80.4
		17 Halsey	1948	4140	\$20.7	\$69.8	\$5.5	\$96.0	\$10.7	\$0.0	\$0.0	\$102.7
Marianas Islands	Guam	18 Halsey	1948	4216	\$17.7	\$62.4	\$5.5	\$85.6	\$10.4	\$0.0	\$0.0	\$96.0
		4 Flag Circle	1945	3448	\$8.9	\$27.5	\$18.0	\$54.4	\$23.1	\$0.0	\$0.0	\$77.5
<b>Totals</b>	<b>GFOQ Units</b>	<b>39</b>			<b>\$1,177.4</b>	<b>\$1,893.1</b>	<b>\$391.9</b>	<b>\$3,462.4</b>	<b>\$491.1</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3,953.5</b>

\* District of Columbia & Maryland G&FOQS are to be privatized in FY09. Authority requested only in case project delays require these quarters to be supported by FH O&M funding in FY10. No funding for these quarters has been included in this request.

Department of the Navy  
 Marine Corps General and Flag Officers' Quarters  
 Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for for Fiscal Year 2010  
 (Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Ops Cost	Maint. Cost	Repair Cost	Total O&M	Utility Cost	Leasing Cost	Hist. Pres. Cost	Total FH O&M Cost
South Carolina	Parris Island	1	1889	5,929	\$9.3	\$298.0	\$0.0	\$307.3	\$4.8	\$0.0	\$0.0	\$312.1
District of Columbia	8th & I Streets	6	1810	15,605	\$207.4	\$22.6	\$0.0	\$230.0	\$62.4	\$0.0	\$0.0	\$292.4
<b>Totals</b>	<b>GFOQ Units</b>	<b>2</b>			<b>\$216.7</b>	<b>\$320.6</b>	<b>\$0.0</b>	<b>\$537.3</b>	<b>\$67.2</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$604.5</b>

Department of the Navy - Navy  
 General and Flag Officers' Quarters  
 6,000NSF Units for Fiscal Year 2010  
 (Dollars in Thousands)

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Total FH O&M Cost*	Alternative Use	Cost to Convert Unit	If O&M or Constr. > \$100K Demolish & Rebuild Cost
Italy	Naples	Villa Nike	1949	11,322	\$190.2	Not considered <sup>1</sup>	N/A	N/A
<b>TOTAL:</b>	<b>1 GFOQ Unit</b>				<b>\$190.2</b>		<b>\$0.0</b>	<b>\$0.0</b>

\* O&M costs includes Utilities.

<sup>1</sup> Villa Nike is home to the four-star billet, Commander, USNAVEUR/JFC. The government of Italy technically owns this quarters, although the agreement with the government of Italy is that the US will occupy and maintain the quarters with Navy FH,N. Consequently, alternative uses or demolition are not options. When there ceases to be a need to house a four-star Flag or General Officer in a secure location in Naples, the US can vacate the house and return it to Italy.

**Department of the Navy - Marine Corps  
General and Flag Officers' Quarters  
6,000NSF Units for Fiscal Year 2010  
(Dollars in Thousands)**

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Total FH O&M Cost*	Alternative Use	Cost to Convert Unit	If O&M or Constr. > \$100K Demolish & Rebuild Cost
District of Columbia	8th & I Streets	1	1908	7,376	\$46.0	Considered and rejected <sup>1</sup>	N/A	N/A
	8th & I Streets	2	1908	6,084	\$42.0	Considered and rejected <sup>1</sup>	N/A	N/A
	8th & I Streets	4	1908	6,084	\$41.2	Considered and rejected <sup>1</sup>	N/A	N/A
	8th & I Streets	6*	1810	15,605	\$292.4	Considered and rejected <sup>1</sup>	N/A	N/A
<b>TOTAL:</b>	<b>4 GFOQ Units</b>				<b>\$421.6</b>		<b>\$0.0</b>	<b>\$0.0</b>

\* O&M costs includes Utilities.

<sup>1</sup> Evaluation of the four family housing quarters reveal no alternative uses on the Marine Barracks. Transferring the quarters to the base merely shifts the burden of its support from FH,N&MC to O&M,MC. As previously reported to Congress, there is a shortage of General Officers Quarters for the Marine Corps in the National Capital Region. Without purchase of additional land replacement of the existing units could not be constructed without the demolition of the existing units. Demolition is rejected due to: the recent extensive renovations to all four quarters; the listing of all four homes, including the Home of the Commandants, on the National Register of Historic Places; the homes forming two sides of the Quadrangle that is a National Historic Landmark; and the Home of the Commandant's also being a National Historic Landmark. Privatization was considered and rejected due to: the cost to operate, maintain and sustain the homes due to their size and historic nature. The up-front seed-privatization funding cost was determined at \$26.6 million and the project had negative life cycle savings of \$13.2 million. Privatization savings equated to a negative 68 percent. One of the factors contributing to the historic designation of the Home of the Commandants is that it is a public building and is the oldest continuously occupied public building in the District of Columbia.

\* Qtrs 6 has a planned \$4.14M renovation project planned for FY10 to correct deteriorating foundation/brick work, and to conduct mechanical repairs/replacements for energy efficiency.

Department of the Navy  
**Navy Privatized General and Flag Officers' Quarters**  
**Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner**  
**Exceeding \$50K per Unit for Fiscal Year 2008**  
(Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Operation Cost (1)	Maintenance Cost (2)	Repair Cost (3)	Total FH O&M Cost
District of Columbia	Washington	A Tingey House*	1804	8940	\$15.9	\$73.8	\$2,824.1	\$2,913.8
Florida	Jacksonville	A*	1940	3749	\$11.7	\$17.7	\$200.1	\$229.4
Hawaii	Pearl Harbor	25 Makalapa*	1941	2681	\$15.9	\$12.4	\$231.0	\$259.2
	Pearl Harbor	35 Makalapa*	1941	2653	\$18.2	\$7.6	\$273.2	\$299.0
	Pearl Harbor	37 Makalapa*	1941	3983	\$20.3	\$17.6	\$24.9	\$62.7
	Pearl Harbor	39 Makalapa*	1941	2783	\$11.3	\$8.0	\$32.6	\$51.9
	Pearl Harbor	A Hale Alii*	1914	5588	\$45.3	\$25.7	\$4.3	\$75.4
	Pearl Harbor	B Hale Alii*	1914	3279	\$18.6	\$19.6	\$59.6	\$97.8
	Pearl Harbor	C Hale Alii*	1914	2951	\$22.6	\$15.1	\$15.8	\$53.5
Illinois	Great Lakes	AA*	1911	8923	\$19.3	\$38.1	\$0.0	\$57.5
Maryland	Patuxent River	A, Mattapani*	1742	10000	\$9.9	\$9.4	\$175.0	\$194.3
	Patuxent River	A, Solomons Island*	1840	5158	\$12.8	\$19.2	\$80.5	\$112.5
Rhode Island	Newport	AA-CHI*	1896	6020	\$26.6	\$41.8	\$0.0	\$68.4
Virginia	Hampton Roads	A-39*	1907	2880	\$9.0	\$4.3	\$261.6	\$274.9
	Hampton Roads	F*	1922	2920	\$9.5	\$15.8	\$290.5	\$315.8
	Hampton Roads	F-35W*	1907	4400	\$17.9	\$7.4	\$33.3	\$58.7
	Hampton Roads	G-8*	1907	5990	\$17.7	\$60.0	\$6.0	\$83.7
	Hampton Roads	G-28*	1930	4,522	\$16.1	\$7.5	\$44.3	\$67.9
	Hampton Roads	G-30*	1907	12,660	\$3.8	\$4.4	\$62.1	\$70.3
	Hampton Roads	M-6*	1907	4,950	\$22.7	\$7.9	\$315.4	\$346.0
	Hampton Roads	SP-19*	1941	2,026	\$9.0	\$11.3	\$203.1	\$223.3
	Hampton Roads	SP-20*	1941	2,026	\$7.3	\$8.4	\$84.4	\$100.1
	Hampton Roads	SP-21*	1941	2,026	\$7.4	\$8.9	\$112.7	\$129.0
	Hampton Roads	SP-23*	1941	2,026	\$13.0	\$12.8	\$24.5	\$50.3
	Hampton Roads	SP-26*	1941	2,026	\$6.4	\$10.5	\$160.7	\$177.7
	Hampton Roads	A-Little Creek*	1947	2,524	\$15.8	\$13.0	\$137.7	\$166.5
	Hampton Roads	A-NMC (MOQC)*	1905	5,218	\$11.3	\$19.6	\$83.9	\$114.8
	<b>Totals</b>				<b>\$415.3</b>	<b>\$497.9</b>	<b>\$5,741.0</b>	<b>\$6,654.3</b>

**Notes:**

- (1) (\*) GFOQ units where Utility Costs are included as part of Operation Costs.
- (2) Minor, Unscheduled Maintenance Costs.
- (3) Capital Repair and Recovery Costs.

Department of the Navy  
 Marine Corps Privatized General and Flag Officers' Quarters  
 Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner  
 Exceeding \$50K per Unit for Fiscal Year 2008  
 (Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Operation Cost (1)	Maintenance Cost (2)	Repair Cost (3)	Total FH O&M Cost
Virginia	MCB Quantico	1 Neville Road*	1920	5050	\$25.1	\$37.6	\$93.2	\$155.8
	<b>Totals</b>				<b>\$25.1</b>	<b>\$37.6</b>	<b>\$93.2</b>	<b>\$155.8</b>

**Notes:**

- (1) (\*) GFOQ units where Utility Costs are included as part of Operation Costs.
- (2) Minor, Unscheduled Maintenance Costs.
- (3) Capital Repair and Recovery Costs.

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**REIMBURSABLE AUTHORITY**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY 2009 President's Budget Request	8,000
2. FY 2009 Appropriated Amount	8,000
3. FY 2009 Current Estimate	8,000
4. FY 2010 President's Budget Request	8,000

**RATIONALE FOR CHANGES IN THE REIMBURSABLE AUTHORITY ACCOUNT**

This program includes collections received from rental of DoN family housing to foreign national, civilian and Coast Guard personnel; collections for rental of mobile home spaces; collections for burden sharing by the Government of Japan, and collections for occupant-caused damages.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**REIMBURSEMENTS**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY2009 President's Budget Request	500
2. FY2009 Appropriated Amount	500
3. FY2009 Current Estimate	500
4. FY2010 President's Budget Request	500

**RATIONALE FOR CHANGES IN THE REIMBURSEMENT ACCOUNT**

Includes collections received from rental of Marine Corps Family Housing to civilians, foreign nationals and Coast Guard personnel; collection for rental of mobile home park spaces, and collections for occupant-caused damages. The Fiscal Year 2010 estimate reflects estimated collections for damages and rent.

BLANK PAGE

DEPARTMENT OF THE NAVY  
 FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
DEPARTMENT OF THE NAVY LEASING

(In Thousands)

FY 2010 Program     \$101,432  
 FY 2009 Program     \$130,261

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

	FY 2008			FY 2009			FY 2010		
	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)
<b>Domestic</b>	<b>700</b>	<b>330</b>	<b>7,043</b>	<b>700</b>	<b>360</b>	<b>7,200</b>	<b>700</b>	<b>360</b>	<b>7,499</b>
Navy	700	330	7,043	700	360	7,200	700	360	7,499
<b>801</b>	<b>3,014</b>	<b>2,789</b>	<b>44,997</b>	<b>2,774</b>	<b>2,597</b>	<b>46,791</b>	<b>2,100</b>	<b>1,675</b>	<b>28,165</b>
Navy	2,414	2,189	33,632	2,114	1,997	35,067	1,500	1,375	22,103
MarCps	600	600	11,365	600	600	11,724	600	300	6,062
<b>802</b>	<b>276</b>	<b>276</b>	<b>1,782</b>	<b>276</b>	<b>276</b>	<b>1,333</b>	<b>276</b>	<b>138</b>	<b>681</b>
MarCps	276	276	1,782	276	276	1,333	276	138	681
<b>Foreign</b>	<b>4,351</b>	<b>2,196</b>	<b>70,503</b>	<b>4,352</b>	<b>2,198</b>	<b>74,937</b>	<b>4,357</b>	<b>2,193</b>	<b>65,087</b>
Navy	4,346	2,191	70,225	4,346	2,192	74,440	4,346	2,182	64,156
MarCps	5	5	278	6	6	497	11	11	931
<b>DoN Total</b>	<b>8,341</b>	<b>5,591</b>	<b>124,325</b>	<b>8,102</b>	<b>5,431</b>	<b>130,261</b>	<b>7,433</b>	<b>4,366</b>	<b>101,432</b>

JUSTIFICATION

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation. This program consists of leasing on an interim basis until Section 801, military construction (MILCON) units, and homes undergoing revitalization come on-line.

Section 801 of the FY 1984 Military Construction Authorization Act (PL 98-115) authorized the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was considered a test and would have expired upon execution of contracts no later than 1 October 1985. The Navy sites chosen for testing Section 801 were Norfolk, Virginia, and Earle, New Jersey. The Section 801 program was made permanent and codified as Section 2835 of Title 10, United States Code, in FY 1992. The Department of the Navy has awarded contracts for Section 801 projects at Norfolk, VA (300 units), Earle, NJ (300 units), Mayport, FL (200 units), Staten Island, NY (1,000 units), Washington, DC-Woodbridge (600 units), Washington, DC-Summerfield (414 units), Port Hueneme/Point Mugu, CA (300 units), Pensacola, FL (300 units), and Twentynine Palms, CA (600 Units).

Section 802 of the FY84 Military Construction Authorization Act (PL 98-115, 10 U.S.C. 2821 note) authorizes the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. The Department of the Army awarded this project in 1992 under U.S. Army Garrison, Hawaii (USAG-HI). The authority transferred to the Marine Corps on 1 Oct 1998. The Marine Corps took over a Section 802 contract at MCB Hawaii for 276 units.

Foreign Leasing: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

Under Title 10 USC 2834, the Secretary concerned may enter into an agreement with the Secretary of State under which the Secretary of State agrees to provide housing and related services for personnel under jurisdiction of the Secretary concerned who are assigned duty in a foreign country. To the extent that the lease amounts for units of housing made available under this subsection exceed maximum lease amounts in Title 10 USC 2828(e)(1), such units shall not be counted in applying the limitations contained in such section on the number of units of family housing for which the Secretary concerned may waive such maximum lease amounts.

DEPARTMENT OF THE NAVY  
 FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
NAVY LEASING

(In Thousands)

FY 2010 Program     \$ 93,758  
 FY 2009 Program     \$116,707

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

	FY 2008			FY 2009			FY 2010		
	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)
<b>Domestic</b>	700	330	7,043	700	360	7,200	700	360	7,499
<b>801</b>	2,414	2,189	33,632	2,114	1,997	35,067	1,500	1,375	22,103
<b>Foreign</b>	4,346	2,191	70,225	4,346	2,192	74,440	4,346	2,182	64,156
<b>Navy Total</b>	<b>7,460</b>	<b>4,710</b>	<b>110,900</b>	<b>7,160</b>	<b>4,549</b>	<b>116,707</b>	<b>6,546</b>	<b>3,917</b>	<b>93,758</b>

JUSTIFICATION

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation. This program consists of leasing on an interim basis until Section 801, military construction (MILCON) units, and homes undergoing revitalization come on-line.

Section 801 of the FY 1984 Military Construction Authorization Act (PL 98-115) authorized the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was considered a test and would have expired upon execution of contracts no later than 1 October 1985. The Navy sites chosen for testing Section 801 were Norfolk, Virginia, and Earle, New Jersey. The Section 801 program was made permanent and codified as Section 2835 of Title 10, United States Code, in FY 1992. The Navy has awarded contracts for Section 801 projects at Norfolk, VA (300 units), Earle, NJ (300 units), Mayport, FL (200 units), Staten Island, NY (1,000 units), Washington, DC-Woodbridge (600 units), Washington, DC-Summerfield (414 units), Port Hueneme/Point Mugu, CA (300 units), and Pensacola, FL (300 units).

Domestic Leasing Fiscal Year Summary:

FY 2008 - The Domestic Lease Program consists of 2,519 (average) units required funding of \$40.675 million. Funding in the amount of \$33.632 million provided full funding for Section 801 projects at Earle, Norfolk, Mayport, Washington, DC, Pensacola, and Port Hueneme. The Norfolk 801 project was terminated in early FY08. The remaining \$7.043 million was required to support 330 leases for recruiters at high-cost locations not supported by a military installation.

FY 2009 - The Domestic Lease Program consists of 2,357 (average) units requiring funding of \$42.267 million. Funding in the amount of \$35.067 million

provides full funding for Section 801 projects at Earle, Mayport, Washington, DC, Pensacola, and Port Hueneme. The Mayport 801 project was terminated in the 2<sup>nd</sup> quarter FY09. The remaining \$7.200 million is required to support 360 leases for recruiters at high-cost locations not supported by a military installation.

FY 2010 - The Domestic Lease Program consists of 1,735 (average) units requiring funding of \$29.602 million. Funding in the amount of \$22.103 million provides full funding for Section 801 projects at Earle, Washington, DC, Pensacola, and Port Hueneme. The Earle 801 project will terminate late FY10 and there is a proposed buyout of the Washington DC-Summerfield 801 project that is planned for the end of FY09. The remaining \$7.499 million is required to support 360 leases for recruiters at high-cost locations not supported by a military installation.

Foreign Leasing Program Summary: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

Foreign Leasing Fiscal Year Summary:

The FY 2008 unit authorization consists of 4,346 units and funding for 2,191 (average) of those units. The authorization difference of 2,155 is for different cost limits to support lease initiatives at Naples, and Sigonella, IT as well as other potential foreign countries the Navy may be entering. Cost increases are for Air Force transfer of all leased units at Singapore and the associated repair work required to maintain their suitability.

The FY 2009 unit authorization consists of 4,346 units and funding for 2,192 (average) of those units. The authorization difference of 2,154 is for different cost limits to support lease initiatives at Naples, and Sigonella, IT as well as other potential foreign countries the Navy may be entering. Increased costs are associated with the completion of necessary repair work on the Singapore leases recently transferred from the Air Force.

The FY 2010 unit authorization consists of 4,346 units and funding for 2,182 (average) of those units. The authorization difference of 2,164 is for different cost limits to support lease initiatives at Naples, and Sigonella, IT as well as other potential foreign countries the Navy may be entering. Decrease costs are due reduced leasing requirements in Italy (Naples & Sigonella).

**FAMILY HOUSING - NAVY**  
 (Other than Section 801 and Section 802 Units)

FY 2010

Location	FY 2008			FY 2009			FY 2010		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
<b>Domestic Leasing</b>									
Recruiters, Var Locs	700	3,960	7,043	700	4,320	7,200	700	4,320	7,499
<b>Total Domestic Leases</b>	<b>700</b>	<b>3,960</b>	<b>7,043</b>	<b>700</b>	<b>4,320</b>	<b>7,200</b>	<b>700</b>	<b>4,320</b>	<b>7,499</b>

**FAMILY HOUSING - NAVY**

**Section 801 Units\***

**FY 2010**

Location	FY 2008			FY 2009			FY 2010		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
Earle, NJ <sup>1</sup>	300	3,600	4,945	300	3,600	5,631	300	2,100	4,873
Pensacola, FL <sup>2</sup>	300	3,600	4,218	300	3,600	4,257	300	3,600	4,321
Ventura, CA <sup>3</sup>	300	3,600	6,722	300	3,600	6,856	300	3,600	6,994
Washington, DC <sup>4</sup>	1,014	12,168	15,091	1,014	12,168	16,429	600	7,200	5,915
Mayport, FL	200	2,400	2,057	200	996	1,894	0	0	0
Norfolk, VA	300	900	599	0	0	0	0	0	0
<b>Total 801 Leases</b>	<b>2,414</b>	<b>26,268</b>	<b>33,632</b>	<b>2,114</b>	<b>23,964</b>	<b>35,067</b>	<b>1,500</b>	<b>16,500</b>	<b>22,103</b>

\* Reflects all Operations & Maintenance Costs associated with the 801 Units

<sup>1</sup> Earle 801 lease agreement expires on 30 Apr 2010

<sup>2</sup> Pensacola 801 lease agreement expires on 11 Oct 2013

<sup>3</sup> Ventura 801 lease agreement expires on 1 Feb 2014

<sup>4</sup> Washington 801 lease agreement expires on 30 Sep 2011 (600 Units) and assumes AF buyout of 414 Unit leased by 30 Sep 2009.

**FAMILY HOUSING - NAVY**  
(Other than Section 801 and Section 802 Units)

FY 2010

Location	FY 2008			FY 2009			FY 2010		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
<b>Foreign Leasing</b>									
Baku, Azerbaijan	1	12	64	1	12	65	1	12	66
Cairo, Egypt	30	192	932	18	192	951	18	216	584
Dubai, U.A.E.	1	12	58	1	12	59	1	12	61
Hanoi, Vietnam	3	12	49	3	12	50	3	24	87
Hong Kong, China	4	48	499	4	48	509	6	72	540
Jakarta, Indonesia	14	120	806	14	120	822	14	120	858
Kuala Lumpur, Malaysia	1	12	30	1	12	31	2	24	70
LaMaddalena, Italy	484	0	392	0	0	0	0	0	0
LaMarisa, Tunisia	0	0	0	0	0	0	1	12	34
Larissa, Greece	91	12	320	1	12	330	1	12	343
Lima, Peru	9	108	382	10	120	437	12	144	655
Lisbon, Portugal	1	12	215	1	12	181	1	12	201
Manama, Bahrain	2	24	239	2	24	232	2	24	258
Naples, Italy	1,984	13,080	28,305	1,984	13,080	28,379	1,984	12,792	26,491
New Delhi, India	5	48	200	5	48	204	7	84	290
Oslo, Norway	1	12	41	1	12	42	1	12	58
Sigonella, Italy	1,496	11,160	29,198	1,496	11,160	29,782	1,496	11,160	28,426
Singapore, Singapore	118	1,380	8,186	118	1,380	12,104	118	1,380	4,671
Souda Bay, Crete	1	12	218	1	12	168	1	12	302
Tel Aviv, Israel	1	12	36	1	12	37	1	12	39
Vientiane, Laos	2	24	55	2	24	57	4	48	122
Unallocated	97	0	0	682	0	0	672	0	0
<b>Total Foreign Leases</b>	<b>4,346</b>	<b>26,292</b>	<b>70,225</b>	<b>4,346</b>	<b>26,304</b>	<b>74,440</b>	<b>4,346</b>	<b>26,184</b>	<b>64,156</b>

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**LEASING**

Reconciliation of Increases and Decreases

	<u>(Dollars in Thousands)</u>
1. FY 2009 President's Budget Request	116,707
2. FY 2009 Appropriated Amount	116,707
3. FY 2009 Current Estimate	116,707
4. Price Growth:	2,271
a. Civilian Personnel Compensation	96
b. Inflation	2,090
c. Working Capital Fund	85
5. Program Decreases	(25,220)
a. Section 801 (Washington, DC; Mayport, FL; & Earle, NJ)	(13,485)
b. Foreign Leasing Reduction	(11,735)
6. FY 2010 President's Budget Request	93,758

**RATIONALE FOR CHANGES IN THE LEASING ACCOUNT**

Price growth in the Leasing Account is due to Civilian Personnel Compensation, Inflation and Working Capital Fund. The Program Decreases are due to the expiration/buyout of three Section 801 Domestic Lease agreements in Washington, DC, Mayport, FL and Earle, NJ and reduced Foreign Leasing requirements in Italy (Naples and Sigonella) and Singapore. For additional detail, please see Navy FH-4: Analysis of Leased Units.

**IMPACT OF PRIVATIZATION:** None.

BLANK PAGE

**DEPARTMENT OF NAVY  
Family Housing, Marine Corps  
FY 2010 BUDGET**

**LEASING**

**(In Thousands)**

**FY 2010 Program \$ 7,674  
FY 2009 Program \$ 13,554**

**PURPOSE AND SCOPE**

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

**PROGRAM SUMMARY**

	FY 2008		FY 2009		FY 2010	
	Yr End Units	Costs (\$000)	Auth Units	Costs (\$000)	Auth Units	Costs (\$000)
<b>Domestic</b>	0	0	0	0	0	0
<b>Section 801</b>	600	11,365	600	11,724	600	6,062
<b>Section 802</b>	276	1,782	276	1,333	276	681
<b>Foreign</b>	5	278	6	497	11	931
<b>Total</b>	<b>876</b>	<b>13,425</b>	<b>876</b>	<b>13,554</b>	<b>876</b>	<b>7,674</b>

**JUSTIFICATION:**

**Domestic Leasing Program Summary:** The domestic leasing program is authorized in Title 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum costs limitation. This program consists of leasing on an interim basis until Section 801 and/or military construction (MILCON) units come on line. USMC has no domestic leases.

**Section 801** of the FY84 Military Construction Authorization Act (PL 98-115) authorizes the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was granted in FY86. The Marine Corps awarded a Section 801 contract at MCAGCC, Twentynine Palms, CA, for 600 units. The costs for FY 2007 through FY 2009 include the lease and operation and maintenance costs for these units. The FY2009 program includes a project to purchase and renovate, through Military Housing Privatization Initiative (MHPI) authorities, the 600 units at MCAGCC, Twentynine Palms, CA., with purchase to be effective in Second Quarter FY2010. Program reflects funding for six months. (See separate DD Form 1391)

**Section 802** of the FY84 Military Construction Authorization Act (PL 98-115, Title 10 U.S.C. 2821 note) authorizes the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. The Department of the Army awarded this project in 1992 under U.S. Army Garrison, Hawaii (USAG-HI). The authority transferred to the Marine Corps on 1 Oct 1998. The Marine Corps took over a Section 802 contract at MCB Hawaii for 276 units. The costs for

FY 2007 through 2009 include the operations of these units. The FY2009 program includes a project to purchase and renovate, through Military Housing Privatization Initiative (MHPI) authorities, the 276 units at MCB Hawaii, with purchase to be effective in Second Quarter FY2010. Program reflects funding for six months. (See separate DD Form 1391)

**Foreign Leasing:** Leasing in foreign countries is authorized in Title 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation. The Marine Corps has no foreign leases under Title 10 USC 2828.

Under Title 10 USC 2834, the Secretary concerned may enter into an agreement with the Secretary of State under which the Secretary of State agrees to provide housing and related services for personnel under jurisdiction of the Secretary concerned who are assigned duty in a foreign country. To the extent that the lease amounts for units of housing made available under this subsection exceed maximum lease amounts in Title 10 USC 2828(e)(1), such units shall not be counted in applying the limitations contained in such section on the number of units of family housing for which the Secretary concerned may waive such maximum lease amounts.

The FY 2010 unit authorization consists of leases provided for members in overseas locations in which the Department of State International Cooperative Administrative Support Services (ICASS) program administers the lease with the Marine Corps providing the appropriated funding.

**FAMILY HOUSING - MARINE CORPS**  
**Analysis of Leased Units\***  
**FY 2010**

Location	FY 2008			FY 2009			FY 2010		
	Units Authorized	Lease Months	Costs (\$000)	Units Authorized	Lease Months	Costs (\$000)	Units Authorized	Lease Months	Costs (\$000)
<b>Section 801 Leases</b>									
MCAGCC 29 Palms, CA**	600	7,200	11,365	600	7,200	11,724	600	3,600	6,062
<b>Total Section 801 Leases</b>	<b>600</b>	<b>7,200</b>	<b>11,365</b>	<b>600</b>	<b>7,200</b>	<b>11,724</b>	<b>600</b>	<b>3,600</b>	<b>6,060</b>
<b>Section 802 Leases</b>									
MCB Hawaii, HI***	276	3,312	1,782	276	3,312	1,333	276	1,656	681
<b>Total Section 802 Leases</b>	<b>276</b>	<b>3,312</b>	<b>1,782</b>	<b>276</b>	<b>3,312</b>	<b>1,333</b>	<b>276</b>	<b>1,656</b>	<b>681</b>
<b>Total Section 801/802 Leases</b>	<b>876</b>	<b>10,512</b>	<b>13,147</b>	<b>876</b>	<b>10,512</b>	<b>13,057</b>	<b>876</b>	<b>5,256</b>	<b>6,741</b>

\* Reflects all Operations & Maintenance Costs associated with the Section 801 Units, and all Operations Costs Associated with Section 802 units through second quarter FY10.

\*\* Awarded 09/91; Date of Full Occupancy 09/94

\*\*\* Awarded 11/92; Date of Full Occupancy 11/92

**FAMILY HOUSING - MARINE CORPS**  
 (Other than Section 801 and Section 802 Units)  
 FY 2010

Location	FY 2008			FY 2009			FY 2010		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
<b>Foreign Leasing</b>									
*Cairo, Egypt	2	24	59	1	12	61	2	12	80
*Accra, Ghana	0	0	0	1	12	88	1	12	88
*New Delhi, India	0	0	0	0	0	0	2	12	180
*Tel Aviv, Israel	1	6	55	0	0	0	1	12	60
*Amman, Jordan	0	0	0	1	12	75	0	0	0
*Nairobi, Kenya	0	0	0	0	0	0	1	12	80
*Muscat, Oman	0	0	0	1	12	61	0	0	0
*Moscow, Russia	0	0	0	1	12	151	2	12	302
*Dakar, Senegal	0	0	0	1	12	61	1	12	61
*Belgrade, Serbia	0	0	0	0	0	0	0	0	0
*Tunis, Tunisia	0	0	0	0	0	0	1	12	80
*Ankara, Turkey	1	12	81	0	0	0	0	0	0
*Hanoi, Vietnam	1	12	83	0	0	0	0	0	0
<b>Total Foreign Leases</b>	<b>5</b>	<b>54</b>	<b>278</b>	<b>6</b>	<b>72</b>	<b>497</b>	<b>11</b>	<b>96</b>	<b>931</b>

\* STATE DEPARTMENT pool leases do not count against the total number of high cost leases allowed.

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**LEASING**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY 2009 President's Budget Request		13,554
2. FY 2009 Appropriated Amount		13,554
3. FY 2009 Current Estimate		13,554
4. Price Growth:		150
a. Pay Raise	4	
b. Inflation	146	
5. Program Increases		434
a. Foreign Leasing Addition	434	
6. Program Decreases		(6,464)
a. 801/802 Lease Termination effective midyear FY10	(6,464)	
7. FY 2010 President's Budget Request		7,674

**RATIONALE FOR CHANGES IN THE LEASING ACCOUNT**

Pricing adjustments are proposed in the Leasing Account for Civilian Personnel Compensation and Inflation. Program Increases are due to the addition of foreign leased units in support of Other Foreign Support Programs (which include Foreign Area Officer (FAO) and Regional Area Officer (RAO) leases, Olmsted Scholar leases, School of Other Nations Program leases, and other Foreign Professional Military Education leases). Program Decreases are due to the planned FY09 Military Housing Privatization Initiative projects to buy out of the Section 801 (MCAGCC 29 Palms) and Section 802 (MCB Hawaii) Leases. For additional detail, please see Marine Corps FH-4: Analysis of Leased Units.

**IMPACT OF PRIVATIZATION:** None.

BLANK PAGE

DEPARTMENT OF THE NAVY  
 FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
DEPARTMENT OF NAVY PRIVATIZATION NARRATIVE SUMMARY

	<u>(\$000)</u>
<b>FY 2010 Program</b>	<b>\$27,147</b>
<b>FY 2009 Program</b>	<b>\$25,558</b>

Purpose and Scope

The Fiscal Year 1996 Military Housing Privatization Initiative (MHPI) included in Public Law 104-106 is an essential tool used by the Department of the Navy (DON) to meet its goal of eliminating inadequate housing by 2007. The purpose of the Privatization Initiative is to permit the Navy to enter into business agreements with the private sector to utilize private sector resources, leveraged by Navy assets (inventory, land, & funding), to improve, replace, and build family housing faster than could otherwise be accomplished through the traditional military construction approach. Private business entities will own, operate & maintain housing on behalf of the Navy and lease quality homes to military personnel and their families at affordable rates.

Program Summary

To date the Department of Navy has awarded 30 Public Private Venture (PPV) projects. The Department of the Navy (DON) took a deliberate, measured approach in evaluating which blend of authorities would provide the desired leverage of resources with sufficient protection of the Government's resources and interests over the long-term. These 30 projects have been through FY 2008, totaling 61,376 homes. This number reflects privatized housing end states. Total Department of Navy projects awarded are:

FY 1996	Kingsville, TX (Kingsville I)	404 homes
FY 1997	Everett, WA (Everett I)	0 homes*
FY 2001	Kingsville, TX (Kingsville II)	150 homes
	Everett, WA (Everett II)	288 homes
	San Diego I	3,248 homes
	Camp Pendleton I	712 homes
FY 2002	New Orleans	941 homes
	South Texas	415 homes
FY 2003	San Diego II	3,217 homes
	Beaufort/Parris Island	1,718 homes
	Camp Pendleton II/Quantico	4,534 homes
FY 2004	Hawaii I	1,948 homes
FY 2005	Northeast Region	3,187 homes
	Northwest Region	2,986 homes
	Mid-Atlantic Region	5,826 homes
	Camp Pendleton III/Yuma	897 homes
	Camp Lejeune/Cherry Pt. I	3,405 homes
	Twentynine Palms/Kansas City	1,488 homes

FY 2006	Midwest Region	1,658 homes
	San Diego III	4,268 homes
	Hawaii II (Navy)	2,517 homes
	Hawaii III (Marine Corps)	1,175 homes
	Camp Lejeune/Cherry Pt. II	954 homes
	Camp Pendleton IV	3,162 homes
FY 2007	Southeast Region	5,269 homes
	San Diego PH IV	3,532 homes
	Midwest Region PH II	318 homes
	Camp Lejeune/Cherry Pt. III	1,985 homes
	Camp Pendleton/Albany V	257 homes
	Hawaii IV	917 homes

\* Project originally 185 homes, however all homes have since been sold.

DEPARTMENT OF THE NAVY  
 FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
NAVY PRIVATIZATION NARRATIVE SUMMARY

	<u>(\$000)</u>
<b>FY 2010 Program</b>	<b>\$14,715</b>
<b>FY 2009 Program</b>	<b>\$15,530</b>

Purpose and Scope

The Fiscal Year 1996 Military Housing Privatization Initiative (MHPI) included in Public Law 104-106 is an essential tool used by the Department of the Navy (DON) to meet its goal of eliminating inadequate housing by 2007. The purpose of the Privatization Initiative is to permit the Navy to enter into business agreements with the private sector to utilize private sector resources, leveraged by Navy assets (inventory, land, & funding), to improve, replace, and build family housing faster than could otherwise be accomplished through the traditional military construction approach. Private business entities will own, operate and maintain housing on behalf of the Navy & lease quality homes to military personnel and their families at affordable rates.

Program Summary

The Navy successfully awarded the first two Public Private Venture (PPV) projects in 1996 and 1997 at Corpus Christi/Ingleside/Kingsville, Texas, and Everett, Washington, respectively, under 1995 Limited Partnership legislative authority available only to the Navy. The Navy subsequently modified both projects to pay differential lease payments to reduce the rents paid by military members, eliminating out-of-pocket expenses. The Department of the Navy (DON) took a deliberate, measured approach in evaluating which blend of authorities would provide the desired leverage of resources with sufficient protection of the Government's resources and interests over the long-term. With this approach in place, Navy has awarded sixteen additional projects, three in FY 2001, two in FY 2002, one in FY 2003, one in FY 2004, three in FY 2005, three in FY 2006, and three in FY 2007, for an overall total of 40,172 homes. This number reflects privatized housing end states. Total Navy projects awarded are:

FY 1996	Kingsville, TX (Kingsville I)	404 homes
FY 1997	Everett, WA (Everett I)	0 homes*
FY 2001	Kingsville, TX (Kingsville II)	150 homes
	Everett, WA (Everett II)	288 homes
	San Diego I	3,248 homes
FY 2002	New Orleans	941 homes
	South Texas	415 homes
FY 2003	San Diego II	3,217 homes
FY 2004	Hawaii I	1,948 homes
FY 2005	Northeast Region	3,187 homes
	Northwest Region	2,986 homes
	Mid-Atlantic Region	5,826 homes
FY 2006	Midwest Region	1,658 homes
	San Diego III	4,268 homes
	Hawaii III	2,517 homes
FY 2007	Southeast Region	5,269 homes
	San Diego PH IV	3,532 homes
	Midwest Region PH II	318 homes

\* Project originally 185 homes, however all homes have since been sold.

Details for all projects are included in the tables that follow. There are an additional 646 Navy homes that were privatized within another Service's project not included in the tables. There is an Army RCI project that includes the privatization of 593 Navy homes at Monterey, CA and a Marine Corps project that includes the privatization of 53 Navy homes at Beaufort, SC.

We are utilizing a three-pronged approach for eliminating inadequate homes including reliance on Basic Allowance for Housing (BAH), PPVs, and traditional construction funding. PPV has been the most successful approach used to eliminate inadequate homes, as it has been used to eliminate 69% of our inadequate units, allowing the Navy to achieve the goal of zero inadequate units by 2007.

**FY 2010 Budget Estimate  
Military Housing Privatization Initiative**

Privatization Date	Installation/Project	Conveyed Units	End-State Units	Scored Cost (\$M)	Expected Source of Funds			Authorities (Use key below)
					Amount (\$M)	Budget Year	Type Project	
Sep-99	Kingsville I Kingsville, TX	0	404	18.0	9.500	FY96	FHIF PL 104-32	#3 & 10 USC 2837
					1.800	FY95	FHNC H291 CMP Pendleton	
					6.700	FY96	FHNC H314 PWC San Diego	
Sep-99	Everett I Everett, WA	0	0 (Current) 185 (Original)	8.5	3.000	FY96	FHNC H314 PWC San Diego	#3 & 10 USC 2837
					2.900	FY97	FHNC H315 PWC San Diego	
					2.600	FY99	PL 105-237	
Nov-00	Kingsville II Kingsville, TX	244	150	6.2	6.200	FY97	FHNC H400 NAS Kingsville	#1, #2, #4 & 10 USC 2880, 2881
Dec-00	Everett II Everett, WA	0	288	18.9	12.200	FY97	FHNC H508 NS Puget Sound	#2, #3 & 10 USC 2880, 2881
					2.800	FY97	FHNC H508 NS Puget Sound	
					3.400	FY99	PL 105-237	
					0.500	FY99	FHIF H379 NPWC Pearl Harbor	
Aug-01	San Diego PH I San Diego, CA	2,660	3,248	20.9	11.900	FY98	FHNC H-571 PWC San Diego	#2, #4 & 10 USC 2880, 2881
					9.000	FY99	PL 100-202	
Oct-01	New Orleans, LA	498	941	23.1	6.200	FY97	H-365 FY97 MCAS Beaufort	#2, #3, #4 & 10 USC 2880, 2881
					11.900	FY98	H-389 NAS JR BASE New Orleans	
					5.000	FY01	FHNC H-535 NSA New Orleans	
Feb-02	South Texas Corpus Christi, TX; Kingsville, TX	537	415	29.4	22.300	FY98	FHNC H-581 NAS Corpus Christi	#2, #3, #4 & 10 USC 2880, 2881
					7.100	N/A	FHIF H-365 FY97 MCAS Beaufort	
May-03	San Diego PH II San Diego, CA	3,302	3,217	0.0				#2, #3, #4 & 10 USC 2880, 2881
May-04	Hawaii Region PH I Oahu, HI	2,003	1,948	25.0	24.742	FY03	FHIMP H-1-03 - Pearl Harbor PPV Seed	#2, #4 & 10 USC 2880, 2881, 2882 (c)
Nov-04	Northeast Regional Lakehurst, NJ; New London, CT; Newport, RI; Portsmouth, NH; Saratoga Springs, NY; Mitchel, NY; Brunswick, ME; Earle, NJ	5,593	3,187	0.0	0.258	FY03	Design	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Feb-05	Northwest Regional PH I Everett, WA; Whidbey Island, WA; Bangor/ Bremerton, WA	3,098	2,986	15.9	10.112	FY01	Design	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Aug-05	Mid-Atlantic Regional Hampton Roads, VA; Sugar Grove, WV; Dahlgren, VA; Pax River, MD; Indian Head, MD; Annapolis, MD	5,695	5,826	0.0	5.762	FY02	FHIMP H-1-01-03 - San Diego, CA	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Jan-06	Midwest Regional PH I Great Lakes, IL; Crane, IN	2,764	1,658	24.1	24.079	FY03	FHNC H-642 - New London, CT	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
May-06	San Diego PH III San Diego, CA	2,667	4,268	0.0				#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Sep-06	Hawaii Region PH III Oahu, HI; Kauai, HI	2,489	2,517	0.0				#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)

**FY 2010 Budget Estimate  
Military Housing Privatization Initiative**

Privatization Date	Installation/Project	Conveyed Units	End-State Units	Scored Cost (\$M)	Expected Source of Funds				Authorities (Use key below)
					Amount (\$M)	Budget Year	Type	Project	
Sep-07	Southeast Region Jacksonville, FL; Key West, FL; Mayport, FL; Panama City, FL; Pensacola, FL; Whiting Field, FL; Kings Bay, GA; Gulfport, MS; Meridian, MS; Charleston, SC; Fort Worth, TX	7,178	5,269	64.8	16.981	FY03	FHIMP	H-1-97-1 - Charleston, SC	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
					3.874	FY03	Design		
					5.059	FY06	FHIMP	H-04-97 - Atsugi, Japan	
					6.306	FY06	FHIMP	H-06-92 - Guam, Guam	
					2.000	FY06	Design		
					10.700	FY06	FHNC	H-439 - Gulfport, MS	
					19.900	FY07	FHIMP	H-01-07 - Southeast Region PPV Seed	
Sep-07	Midwest Regional PH II Memphis, TN	401	318	22.0	7.867	FY03	FHNC	H-643 - Lemoore, CA	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
					0.888	FY03	FHNC	H-595 - Pascagoula, MS	
					1.014	FY03	Design		
					12.231	FY06	FHIMP	H-04-97 - Atsugi, Japan	
Sep-07	San Diego PH IV Ventura County, CA; El Centro, CA; Seal Beach, CA; China Lake, CA; Lemoore, CA; Fallon, NV	3,550	3,532	0.0					#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Sep-09	Mid-Atlantic Region PH II Washington, DC; Annapolis, MD; Thurmont, MD; Mechanicsburg, PA	376	317	0.0					#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Sep-09	Southeast Region PH II Gulfport, MS	0	46	8.4	8.400	FY09	FHIMP	H-1-09 - Gulfport, MS	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Sep-13	Northwest Region PH II Bangor/ Bremerton, WA	870	870	0.0					#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
TBD	Southeast Region PH III Gulfport, MS	0	60	10.5	10.500	TBD	FHIF	TBD	#3, #4 & 10 USC 2872(a), 2880, 2881, 2882 (c)
Authorities									
1) 2873 "Direct Loans and Loan Guarantees"									
2) 2875 "Investments in Nongovernmental Entities"									
3) 2877 "Differential Lease Payments"									
4) 2878 "Conveyance or Lease of Existing Property and Facilities"									
* Authorities may be subject to change as project is defined									

<b>DEPARTMENT OF THE NAVY NAVY FAMILY HOUSING PRIVATIZATION PROJECTS AWARDED</b>									
<b>INSTALLATION</b>	<b>AWARD DATE</b>	<b>TYPE OF FINANCING</b>	<b>AMOUNT USED PER TYPE OF FINANCING</b>	<b>TERM OF THE DEAL</b>	<b>TOTAL NUMBER OF UNITS CONVEYED</b>	<b>TOTAL NUMBER OF UNITS RENOVATED</b>	<b>TOTAL NUMBER OF UNITS REPLACED</b>	<b>TOTAL NUMBER OF NEW/ADDED UNITS</b>	
Kingsville I Corpus Christi, TX; Kingsville, TX	Jul-96	Private Debt Differential Lease Payment Navy Equity Investment	\$18.4M \$8.5M \$9.5M	15 Yrs	0	0	0	404	
Everett I Everett, WA	Mar-97	Private Debt Differential Lease Payment Navy Equity Investment Private Equity Investment	\$12.8M \$2.6M \$5.9M \$5.8M	10 Yrs	0	0	0	185	
Kingsville II Kingsville, TX	Nov-00	Private Debt Direct Loan Navy Equity Investment Private Equity Investment	\$3.3M \$1.9M \$4.3M \$4.1M	15 Yrs  (w/15 yr option)	244	0	150	0	
Everett II Everett, WA	Dec-00	Private Debt Differential Lease Payment Navy Equity Investment Private Equity Investment	\$27.8M \$6.7M \$12.2M \$1.8M	30 Yrs	0	0	0	288	
San Diego I San Diego, CA	Aug-01	Private Debt Navy Equity Investment Private Equity Investment	\$235.0M \$20.9M \$5.0M	50 yrs	2,660	1,058	812	588	
New Orleans, LA	Oct-01	Private Debt Navy Equity Investment Private Equity Investment	\$54.0M \$23.1M \$2.0M	50 yrs	498	216	82	443	

DEPARTMENT OF THE NAVY NAVY FAMILY HOUSING PRIVATIZATION PROJECTS AWARDED									
INSTALLATION	AWARD DATE	TYPE OF FINANCING	AMOUNT USED PER TYPE OF FINANCING	TERM OF THE DEAL	TOTAL NUMBER OF UNITS CONVEYED	TOTAL NUMBER OF UNITS RENOVATED	TOTAL NUMBER OF UNITS REPLACED	TOTAL NUMBER OF NEW/ADDED UNITS	
South Texas	Feb-02	Private Debt Navy Equity Investment Private Equity Investment	\$39.3M \$29.4M \$3.0M \$380.0M	50 yrs	537	102	312	0	
San Diego II San Diego, CA	May-03	Private Debt Navy Equity Investment Private Equity Investment	\$0.0M \$5.0M \$289.0M \$25.0M	48.5 yrs	3,302	1,069	464	0	
Hawaii I Pearl Harbor, HI	May-04	Private Debt Navy Equity Investment Private Equity Investment	\$3.8M \$464.1M \$0.0M \$10.6M	50 yrs	2,003	940	906	0	
Northeast Regional Lakehurst, NJ; New London, CT; Newport, RI; Portsmouth, NH; Saratoga Springs, NY; Mitchel, NY; Brunswick, ME; Earle, NJ	Nov-04	Private Debt Navy Equity Investment Private Equity Investment	\$226.0M \$15.9M \$5.5M \$537.0M	50 yrs	5,593	1,232	660	0	
Northwest Regional Everett, WA; Whidbey Island, WA; Bangor/Bremerton, WA	Feb-05	Private Debt Navy Equity Investment Private Equity Investment	\$0.0M \$2.413M \$819.5M \$0.0M \$3.0M	50 yrs	3,098	1,639	604	20	
Mid-Atlantic Regional Hampton Roads, VA; Dahlgren, VA; Sugar Grove, WV; Pax River, MD; Indian Head, MD; Annapolis, MD	Aug-05	Private Debt Navy Equity Investment Private Equity Investment	\$3.6M \$138.9M \$24.1M \$2.413M	50 yrs	5,695	547	873	414	
Midwest Regional Great Lakes, IL; Crane, IN	Jan-06	Private Debt Navy Equity Investment Private Equity Investment	\$0.0M \$0.0M	50 yrs	2,764	31	750	0	
San Diego III San Diego, CA	May-06	Private Debt Navy Equity Investment Private Equity Investment	\$0.0M \$3.0M	45 yrs	2,667	2,314	123	1,601	

<b>DEPARTMENT OF THE NAVY NAVY FAMILY HOUSING PRIVATIZATION PROJECTS AWARDED</b>									
<b>INSTALLATION</b>	<b>AWARD DATE</b>	<b>TYPE OF FINANCING</b>	<b>AMOUNT USED PER TYPE OF FINANCING</b>	<b>TERM OF THE DEAL</b>	<b>TOTAL NUMBER OF UNITS CONVEYED</b>	<b>TOTAL NUMBER OF UNITS RENOVATED</b>	<b>TOTAL NUMBER OF UNITS REPLACED</b>	<b>TOTAL NUMBER OF NEW/ADDED UNITS</b>	
Hawaii III Pearl Harbor, HI; Kauai, HI	Sep-06	Private Debt Navy Equity Investment Private Equity Investment	\$510.4M \$0.0M \$2.5M	48 yrs	2,489	967	824	0	
Southeast Regional Jacksonville, FL; Key West, FL; Mayport, FL; Panama City, FL; Pensacola, FL; Whiting Field, FL; Kings Bay, GA; Gulfport, MS; Meridian, MS; Charleston, SC; Fort Worth, TX	Sep-07	Private Debt Navy Equity Investment Private Equity Investment	\$558.4M \$64.82M \$7.5M	50 yrs	7,178	2,170	1,436	84	
Midwest Regional Memphis, TN	Sep-07	Private Debt Navy Equity Investment Private Equity Investment	\$31.5M \$22.0M \$2.5M	48 yrs	401	31	58	73	
San Diego IV Ventura County, CA; El Centro, CA; Seal Beach, CA; China Lake, CA; Lemoore, CA; Fallon, NV	Sep-07	Private Debt Navy Equity Investment Private Equity Investment	\$203.6M \$0.0M \$1.7M	44 yrs	3,550	9	439	0	

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
NAVY**

**PRIVATIZATION SUPPORT COSTS**

Reconciliation of Increases and Decreases

		<u>(Dollars in Thousands)</u>
1. FY 2009 President's Budget Request		15,530
2. FY 2009 Appropriated Amount		15,530
3. FY 2009 Current Estimate		15,530
4. Price Growth:		306
a. Civilian Personnel Compensation	207	
b. Inflation	99	
5. Program Decreases:		(1,121)
a. Program Reduction	(1,121)	
6. FY 2010 President's Budget Request		14,715

**RATIONALE FOR CHANGES IN THE PRIVATIZATION SUPPORT ACCOUNT**

This program includes all costs related to the development, evaluation, and oversight of family housing privatization projects and reflects estimated costs associated with both in-house and contractor support of housing privatization efforts within the Navy. Price growth in the PPV Support account is due to Civilian Personnel Compensation and Inflation. The Program Decrease refers to the decrease in workload associated with the eventual completion of all planned PPV projects.

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - FY 2010 BUDGET ESTIMATE  
MARINE CORPS PRIVATIZATION NARRATIVE SUMMARY**

(In Thousands)

FY 2010 Program	\$12,432
FY 2009 Program	\$10,028

**Purpose and Scope**

The Fiscal Year 1996 Military Housing Privatization Initiative (MHPI) included in Public Law 104-106 is an essential tool used by the Department of the Navy (DON) to meet its goal of eliminating inadequate housing by 2007 and to reduce the shortfall of adequate and affordable private sector housing in the local community available for military members and their families. The purpose of the Privatization Initiative is to permit DON to enter into business agreements with the private sector to utilize private sector resources, leveraged by DON assets (inventory, land and funding), to improve, replace, and build family housing faster than could otherwise be accomplished through the traditional military construction approach. Private business entities will own, operate and maintain housing and lease quality homes to military personnel and their families at affordable rates.

**Accomplishments**

The Marine Corps initially took a deliberate, measured approach in evaluating which blend of authorities would provide the desired leverage of resources with sufficient protection of the Government's resources and interests over the long term. With the Marine Corps subsequent aggressive pursuit of privatization, 96 percent of the Marine Corps worldwide housing inventory (over 99 percent of the Marine Corps United States inventory) has now been privatized through the award of following twelve public-private venture projects:

Installation	Phase	End-State Units	Date Awarded
MCB Camp Pendleton, CA	1	712	Nov-00
MCAS Beaufort, SC; MCRD Parris Island, SC; NH Beaufort, SC	1	1,718	Mar-03
MCB Camp Pendleton, CA; MCRD San Diego, CA; MWTC Bridgeport (Coleville Housing); MCB Quantico VA	2	4,534	Sep-03
MCAS Yuma, AZ; MCB Camp Penelton, CA	3	897	Oct-04
MCB Camp Lejeune, NC; MCAS New River, NC; MCAS Cherry Point, NC; Stewart, NY	1	3,405	Sep-05
MCAGCC Twentynine Palms, CA; MOBCOM Kansas City, MO	1	1,488	Sep-05
MCB Camp Lejeune, NC; MCAS New River, NC; MCAS Cherry Point, NC; Stewart, NY	2	954	Sep-06
MCB Camp Pendleton, CA	4	3,162	Sep-06
Hawaii Regional (MCB Hawaii, Phase 1)	2	1,175	Sep-06
MCB Camp Lejeune, NC; MCAS Cherry Point, NC; Westover JARB; Chicopee, MA	3	1,985	Sep-07
MCLB Albany, GA; MCB Camp Pendleton, CA	5	257	Sep-07
Hawaii Regional (MCB Hawaii, Phase 2)	4	917	Sep-07

By the end of fiscal year 2007, contracts were in place to eliminate all remaining inadequate family housing.

The Marine Corps' has eight additional projects, totaling up to 3,199 homes, under solicitation or in development with the following planned awards: Three in fiscal year 2009 and five in fiscal year 2010. When awarded, approximately 97 percent of Marine Corps' worldwide inventory (99.7 percent of the Marine Corps' United States inventory) will be privatized. Details for these projects are addressed in the tables that follow.

### **Progress**

The Marine Corps is constantly incorporating lessons learned from the expanding portfolio of the Department of Navy awarded projects to refine its Privatization Portfolio Management Program. Projects are developed with a business-based approach and structured to ensure rents and reasonable utilities do not exceed a service member's basic allowance for housing rate, and ensure sufficient cash flow exists to adequately operate, maintain and revitalize the inventory over the life of the 50-year business agreement.

The Marine Corps has successfully collaborated with its Naval partners and both improved the effectiveness of its portfolio management and enhanced the level of oversight provided.

Feedback from residents of existing privatized housing not only continues to be positive, particularly in areas relating to quality of services and responsiveness of property management; but, indicates resident satisfaction continues to rise as the program matures. The residents remain pleased with the turnaround time on maintenance trouble calls and change of occupancy.

**FY 2010 Budget Estimate  
Military Housing Privatization Initiative**

Privatization Date	Installation/State	Conveyed Units	End-State Units	Scored Cost (\$M)	Expected Source of Funds			Authorities (Use key below)
					Amount (\$M)	Budget Year	Type	
Nov-00	MCB Camp Pendleton, CA	512	712	19.4	20	FY96	Construction MCB Camp Pendleton	1,4
Mar-03	MCAS Beaufort, SC MCRD Parris Island, SC NH Beaufort, SC (see Note 1)	1,558	1,718	26.5	14	FY97	Construction MCAS Beaufort	
					0.2	FY02	Improvement MCAS Beaufort	
					7.886	FY02	Improvement MCRD Parris Island	2,4
					4.41	FY01	Construction Pearl Harbor	
Sep-03	MCB Camp Pendleton, CA MCB Quantico, VA MCRD San Diego, CA	4,631	4,534	70.7	0.621	FY00	Improvement MCAS Beaufort	
					0.885	FY00	Construction NPWC Pearl Harbor	
					0.061	FY01	Improvement MCAS Beaufort	
					0.307	FY01	Improvement MCB Camp Pendleton	
					0.332	FY01	Improvement MCAS Cherry Point	
					2.72	FY01	Improvement MCAS Iwakuni, JA	2,4
					0.327	FY01	Improvement MCRD Parris Island	
					1.014	FY01	Improvement MCAGCC Twentynine Palms	
					6.921	FY02	Construction MCB Quantico	
					14.571	FY02	Improvement MCB Camp Pendleton	
					41.515	FY03	Construction MCB Quantico	
					1.388	FHIF	Construction MCB Camp Pendleton	
Oct-04	MCAS Yuma, AZ MCB Camp Pendleton, CA	897	897	18.7	0.728	FY01	Design MCB Camp Pendleton	
					0.96	FY01	Design MCB Quantico	
					0.728	FY02	Design MCB Quantico	2,4
					2.537	FY02	Design MCB Camp Lejeune	
					0.143	FY02	Improvement NAS Pensacola	
					0.904	FY03	Design MCB Camp Lejeune	
					12.654	FY04	Improvement MCAS Yuma	
Sep-05	MCB Camp Lejeune, NC MCAS Cherry Point, NC Stewart, NY	3,614	3,426	83.2	27.002	FY05	Construction MCAS Cherry Point	
					56.165	FY05	Improvement MCB Camp Lejeune	2,4
Sep-05	MCAGCC Twentynine Palms, CA MOBCOM Kansas City, MO	1,801	1,488	45.9	25.702	FY05	Improvement MCAGCC Twentynine Palms	
					20.238	FY05	Improvement MCRSC Kansas City, MO	2,4
Sep-06	MCB Hawaii, HI	1,175	1,175	65.1	65.124	FY06	Improvement MCB Hawaii	2,4
Sep-06	MCB Camp Lejeune, NC (MCAS New River, NC) (see Note 2)	0	-21	0.0				2,4
Sep-06	MCB Camp Lejeune, NC MCAS Cherry Point, NC (see Note 2)	1,188	954	37.9	37.303	FY06	Improvement MCB Camp Lejeune	
					0.25	FY03	Design MCAS Cherry Point	
					0.377	FY06	Improvement MCB Hawaii	2,4
Sep-06	MCB Camp Pendleton, CA (see Note 3)	2,771	3,162	30.9	0.069	FY03	Improvement MCAS Yuma	
					0.695	FY03	Improvement MCAS Iwakuni, JA	
					21.724	FY03	Construction NAS Lemore	2,4
					0.084	FY06	Improvement MCB Hawaii	
					8.316	FY06	Improvement MCB Camp Pendleton	

**FY 2010 Budget Estimate  
Military Housing Privatization Initiative**

Privatization Date	Installation/State	Conveyed Units	End-State Units	Scored Cost (\$M)	Expected Source of Funds			Authorities (Use key below)
					Amount (\$M)	Budget Year	Type	
Sep-06	MCB Camp Pendleton, CA (see Note 3)	0	0 (see Note 3)	0.0				2,4
Sep-07	MCB Hawaii, HI	1,142	917	56.1	56.052	FY07	Improvement MCB Hawaii	2,4
Sep-07	MCB Camp Lejeune, NC MCAS Cherry Point, NC Westover JARB, Chicopee, MA	2,423	1,985	79.0	78.951	FY07	Improvement MCB Camp Lejeune	2,4
Sep-07	MCB Camp Pendleton, CA MCLB Albany, GA	250	251	23.7	19.564 1.777 0.724 1.666	FY07 FY04 FY04 FY04	Improvement MCB Camp Pendleton Construction MCAS Cherry Point Improvement MCAS Iwakuni, JA Design	2,4
May-09	MCB Camp Lejeune, NC	0	451	88.0	87.951	FY08	Improvement MCB Camp Lejeune	2,4
May-09	MCAGCC Twentynine Palms, CA	0	285	51.1	50 1.074	FY08 FY08 GWOT	Improvement MCAGCC Twentynine Palms Improvement MCAGCC Twentynine Palms	2,4
Sep-09	MCB Camp Pendleton, CA	0	367	60.9	50.175 10.692	FY08 FY08 GWOT	Improvement MCB Camp Pendleton Improvement MCB Camp Pendleton	2,4
Mar-10	MCB Camp Lejeune, NC	0	394	82.0	81.987	FY09	Improvement MCB Camp Lejeune	2,4
Mar-10	MCB Camp Pendleton, CA	0	351	59.0	59.026	FY09	Improvement MCB Camp Pendleton	2,4
Mar-10	MCAGCC Twentynine Palms, CA	0	up to 600 units	49.6	49.6	FY09	Improvement MCAGCC Twentynine Palms	2,4
Mar-10	MCB Hawaii, HI	0	up to 520 units	60.0	60	FY09	Improvement MCB Hawaii	2,4
Sep-10	MCB Camp Lejeune, NC	0	231	78.9	78.857	FY10	Improvement MCB Camp Lejeune	2,4
Authorities								
1) 2873 "Direct Loans and Loan Guarantees"								
2) 2875 "Investments in Nongovernmental Entities"								
3) 2877 "Differential Lease Payments"								
4) 2878 "Conveyance or Lease of Existing Property and Facilities"								
* Authorities may be subject to change as project is defined								
<b>Note 1: Includes 53 Navy Units (Naval Hospital Beaufort)</b>								
<b>Note 2: Phases 1 and 2 for MCB Camp Lejeune and MCAS Cherry Point as modified by 25 Jul 06 Phase 2 Notification Letter</b>								
<b>Note 3: Phases 2 and 4 for Camp Pendleton as modified by 25 Jul 2006 Notification Letter; converts 641 Pendleton (Phase 2) renovation/minor work units to replacement units.</b>								

**DEPARTMENT OF THE NAVY - USMC  
FAMILY HOUSING PRIVATIZATION – PROJECTS AWARDED**

<u>INSTALLATION</u>	<u>AWARD DATE</u>	<u>TYPE OF FINANCING</u>	<u>AMOUNT USED PER TYPE OF FINANCING</u>	<u>TERM OF THE DEAL</u>	<u>TOTAL NUMBER OF UNITS CONVEYED</u>	<u>TOTAL NUMBER OF UNITS RENOVATED</u>	<u>TOTAL NUMBER OF UNITS REPLACED</u>	<u>TOTAL NUMBER OF NEW /ADDED UNITS</u>
MCB Camp Pendleton CA	Nov 00	Private Debt* DoN Direct Loan	\$54.6M \$29.4M Loan (\$19.4M Scored Amount)	50 Yrs	512	200	312	200
MCAS Beaufort, SC; MCRD Parris Island, SC; and NH Beaufort, SC	Mar 03	Private Debt** DON Equity Investment Private Equity Investment	\$111.8M \$26.5M \$3.3M	50 Yrs	1,558***	1,227	331*	160
MCB Camp Pendleton, CA; MCB Quantico, VA; and MCRD San Diego, CA	Sep 03	Private Debt Don Equity Investment Private Equity Investment	\$478.0M \$70.7M \$10.7M	50 Yrs	4,631	2,535	1,820	79
MCAS Yuma: AZ; MCB Camp Pendleton, CA	Oct 04	Private Debt DoN Equity Investment Private Equity Investment	\$79.5M \$18.7M \$1.25M	49 Yrs	897	257	253	0
MCB Camp Lejeune, NC; MCAS Cherry Point, NC; and Stewart, NY	Sep 05	Private Debt DoN Equity Investment Private Equity Investment	\$285.5M \$83.2M \$7.5M	50 Yrs	3,614	1,626	1,288	0

**DEPARTMENT OF THE NAVY - USMC  
FAMILY HOUSING PRIVATIZATION – PROJECTS AWARDED**

<u>INSTALLATION</u>	<u>AWARD DATE</u>	<u>TYPE OF FINANCING</u>	<u>AMOUNT USED PER TYPE OF FINANCING</u>	<u>TERM OF THE DEAL</u>	<u>TOTAL NUMBER OF UNITS CONVEYED</u>	<u>TOTAL NUMBER OF UNITS RENOVATED</u>	<u>TOTAL NUMBER OF UNITS REPLACED</u>	<u>TOTAL NUMBER OF NEW /ADDED UNITS</u>
MCAGCC Twentynine Palms, CA; MOBCOM Kansas City, MO	Sep 05	Private Debt DoN Equity Investment Private Equity Investment	\$66.4M \$45.9M \$1.2M	48 Yrs	1,801	636	176	0
MCB Camp Lejeune, NC; MCAS Cherry Point, NC	Sep 06	Private Debt DoN Equity Investment Private Equity Investment	\$90.0M \$37.9M \$2.5M	49 Yrs	1,188	628	105	0
MCB Camp Lejeune, NC (MCAS New River, NC)	Sep 06	Private Debt DoN Equity Investment Private Equity Investment	Financing information included in the project above.	49 Yrs	0	-110	89	0
MCB Camp Pendleton, CA	Sep 06	Private Debt DoN Equity Investment Private Equity Investment	\$382.0M \$30.9M \$5.0M	47 Yrs	2,771	300	0	391
MCB Camp Pendleton, CA	Sep 06	Private Debt DoN Equity Investment Private Equity Investment	Financing information included in the project above.	47 Yrs	0	-641	641	0

**DEPARTMENT OF THE NAVY - USMC  
FAMILY HOUSING PRIVATIZATION – PROJECTS AWARDED**

<u>INSTALLATION</u>	<u>AWARD DATE</u>	<u>TYPE OF FINANCING</u>	<u>AMOUNT USED PER TYPE OF FINANCING</u>	<u>TERM OF THE DEAL</u>	<u>TOTAL NUMBER OF UNITS CONVEYED</u>	<u>TOTAL NUMBER OF UNITS RENOVATED</u>	<u>TOTAL NUMBER OF UNITS REPLACED</u>	<u>TOTAL NUMBER OF NEW /ADDED UNITS</u>
MCB Hawaii, HI	Sep 06	Private Debt DoN Equity Investment Private Equity Investment	\$233.5M \$65.1M \$1.0M	48 Yrs	1,175	538	537	0
MCB Camp Lejeune, NC; MCAS Cherry Point, NC; and Westover JARB, Chicopee, MA	Sep 07	Private Debt DoN Equity Investment Private Equity Investment	\$160.2M \$79.0M \$4.5M	48 Yrs	2,423	336	266	271
MCB Camp Pendleton, CA; MCLB Albany, GA	Sep 07	Private Debt DoN Equity Investment Private Equity Investment	\$110.9M \$23.7M \$0.0M	46 Yrs	250	0	110	147
MCB Hawaii, HI	Sep 07	Private Debt DoN Equity Investment Private Equity Investment	\$243.8M \$56.1M \$1.65 M	47 Yrs	1,142	0	705	0

\* There was additional debt issued in the amounts of \$5M in May of 2002 and \$10M in December of 2004.

\*\* There was a refinancing of the Beaufort project in August of 2005. Total debt issued was \$157.5M. This resulted in an increase of \$45.7 million over the original debt amount.

\*\*\* Includes 53 Navy Units (Naval Hospital Beaufort)

BLANK PAGE

**DEPARTMENT OF THE NAVY  
FAMILY HOUSING - 2010 BUDGET ESTIMATES  
JUSTIFICATION  
MARINE CORPS**

**PRIVATIZATION SUPPORT COSTS**

Reconciliation of Increases and Decreases

(Dollars in Thousands)

1. FY 2009 President's Budget Request		10,028
2. FY 2009 Appropriated Amount		10,028
3. FY 2009 Current Estimate		10,028
4. Price Growth		267
a. Civilian Personnel Compensation	214	
b. Inflation	53	
5. Program Increases		2,137
a. Special Purpose Entity Phase 1 Privatization Effort	1,359	
b. Oversight/monitoring for additional ongoing projects	23	
c. Increase Oversight/Monitoring per GAO recommendations	755	
6. FY 2010 President's Budget Request		12,432

**RATIONALE FOR CHANGES IN THE PRIVATIZATION SUPPORT ACCOUNT**

Includes the costs that the government incurs in direct support of the family housing privatization program under the authorities of 10 U.S.C., Chapter 169, Subchapter IV (Alternative Authority for Acquisition and Improvement of Military Housing) with the exception of those costs that will be included as part of the privatization project. These costs include all administrative, planning, development, solicitation, award, transition, construction oversight, and portfolio management activities associated with military housing privatization and specifically for:

**(1) Site Assessment Costs.** Includes all costs for contracts, labor, materials, supplies, services or travel required in direct support of family housing privatization program efforts for environmental baseline surveys, environmental impact statements, environmental assessments, and any efforts required to be accomplished by the government prior to privatization for, environmental mitigation, site surveys, or real estate costs.

**(2) Project Costs.** Includes all costs for contracts, labor, materials, supplies, services or travel required in direct support of the family housing privatization program for project development and execution. This includes costs associated with feasibility studies, concept development, consultant support, solicitation, procurement, contracting, execution, transition, construction management (supervision, inspection and overhead), and post award management/monitoring.

**(3) Administrative Costs.** Includes all costs for contracts, labor, materials, supplies, services or travel required in direct support of the family housing privatization program administration and portfolio management.

The privatization support account funding adjustments reflect pricing and program changes associated with existing and new public-private venture initiatives. Prescribed inflation rates and civilian pay raise rates were utilized.

BLANK PAGE

FOREIGN CURRENCY EXCHANGE DATA  
 FY 2010 BUDGET SUBMISSION  
 (\$000)

Appropriation: Family Housing, Navy (Includes Family Housing, Construction)

Country	FY 2008			FY 2009			FY 2010		
	U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used	
Azerbaijan (New Manat)	64.0	N/A		65.0	N/A		66.0	0.8078	
Bahrain (Dinar)	566.4	0.3769		232.0	0.3770		659.0	0.3770	
Egypt (Pound)	932.0	5.7684		951.0	5.7002		584.0	5.3537	
Greece (Euro)*	1,202.7	0.8259		1,233.5	0.7905		1,358.0	0.7737	
Hong Kong (Dollar)	499.0	7.7556		509.0	7.8245		540.0	7.7941	
India (Rupee)	200.0	45.8761		204.0	40.2200		290.0	41.6500	
Indonesia (Rupiah)	806.0	9311.8300		822.0	8,759.9000		858.0	9,224.5900	
Israel (New Shekel)	36.0	N/A		37.0	3.9672		39.0	3.4608	
Italy (Euro)*	67,157.2	0.8259		71,547.1	0.7905		63,926.0	0.7737	
Japan (Yen)*	73,319.0	114.7781		54,271.7	114.3007		70,658.0	108.9969	
Laos (Kip)	55.0	10164.3500		57.0	9,593.9500		122.0	8,665.0000	
Malaysia (Ringgit)	30.0	3.6435		31.0	3.3897		70.0	3.1910	
Norway (Krone)*	41.0	6.5827		42.0	6.4429		58.0	6.3409	
Peru (Nuevo Sol)	382.0	3.2672		437.0	3.1600		655.0	2.7500	
Portugal (Euro)*	562.2	0.8259		341.8	0.7905		486.0	0.7737	
South Korea (Won)*	9,504.4	1025.6971		553.4	981.0592		5,075.0	1,191.5708	
Singapore (Dollar)*	8,186.0	1.6202		12,104.0	1.5749		4,671.0	1.5166	
Spain (Euro)*	13,153.2	0.8259		16,348.4	0.7905		27,650.0	0.7737	
Tunisia (Dinar)	0.0	N/A		0.0	N/A		34.0	1.1785	
United Arab Emirates (Dirham)	58.0	3.6725		59.0	3.6715		61.0	3.6730	
United Kingdom (Pound)*	537.8	0.5528		423.9	0.5546		246.0	0.5905	
Vietnam (Dong)	49.0	15,970.0000		50.0	16,060.0000		87.0	16,140.0000	
<b>TOTAL</b>	<b>177,340.8</b>			<b>160,319.9</b>			<b>178,193.0</b>		

\* = Countries in the Foreign Currency Account.

BLANK PAGE

FOREIGN CURRENCY EXCHANGE DATA  
 FY 2010 BUDGET SUBMISSION  
 (\$000)

Appropriation: Family Housing, Marine Corps (Includes Family Housing Construction)

	FY 2008			FY 2009			FY 2010		
	U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used		U.S. \$ Requiring Conversion	Budget Exchange Rate Used	
Japan (Yen) *	17,930.0	114.7781		16,706.0	114.3007		18,791.0	108.9969	
<b>TOTAL</b>	<b>17,930.0</b>			<b>16,706.0</b>			<b>18,791.0</b>		

\* = Countries in the Foreign Currency Account.

BLANK PAGE