

DEPARTMENT OF THE NAVY

Fiscal Year (FY) 2010

BUDGET ESTIMATES

FY 2010 Program



MILITARY CONSTRUCTION

NAVY AND MARINE CORPS RESERVE PROGRAM

JUSTIFICATION DATA

Submitted to Congress

May 2009

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program
Summary of Locations

<u>State/Country</u>	Auth of Approp Request	Approp Request
<u>Inside The United States</u>		
ARIZONA	10,986	10,986
CALIFORNIA	5,960	5,960
ILLINOIS	7,957	7,957
SOUTH CAROLINA	4,240	4,240
TEXAS	2,210	2,210
VIRGINIA	30,400	30,400
	Subtotal	61,753
<u>Various Locations</u>		
Various Locations	2,371	2,371
	Subtotal	2,371
	Total - FY 2010 Military Construction Program	64,124

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program
Index of Locations for Navy and Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth of Approp Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
ARIZONA						
		NAF EL CENTRO CA <u>PHOENIX, ARIZONA</u>				
	600	Reserve Center move to Luke AFB, NOSC Phoenix	10,986	10,986	Current	3
		Subtotal	10,986	10,986		
		Total - ARIZONA	10,986	10,986		
CALIFORNIA						
		NAS LEMOORE CA <u>ALAMEDA, CALIFORNIA</u>				
	049	Reserve Training Center, Alameda, CA	5,960	5,960	Current	9
		Subtotal	5,960	5,960		
		Total - CALIFORNIA	5,960	5,960		
ILLINOIS						
		HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE <u>CHICAGO, ILLINOIS</u>				
	048	Reserve Training Center, Joliet, IL	7,957	7,957	Current	15
		Subtotal	7,957	7,957		
		Total - ILLINOIS	7,957	7,957		
SOUTH CAROLINA						
		MARINE AIRCRAFT WING 4 <u>GOOSE CREEK, SOUTH CAROLINA</u>				
	196	Reserve Vehicle Maintenance Facility	4,240	4,240	Current	21
		Subtotal	4,240	4,240		
		Total - SOUTH CAROLINA	4,240	4,240		
TEXAS						
		NAS CORPUS CHRISTI TX <u>SAN ANTONIO, TEXAS</u>				
	105	Reserve Training Center	2,210	2,210	Current	27
		Subtotal	2,210	2,210		
		Total - TEXAS	2,210	2,210		
VIRGINIA						
		NAS OCEANA VA <u>VIRGINIA BEACH, VIRGINIA</u>				
	837	C-40 Hangar	30,400	30,400	Current	33
		Subtotal	30,400	30,400		
		Total - VIRGINIA	30,400	30,400		
		Total - Inside The United States	61,753	61,753		
<u>Various Locations</u>						
	510	Planning and Design	2,371	2,371	Current	37
		Total - Various Locations	2,371	2,371		

DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program
Index of Locations for Navy and Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth of Approp Request	Approp Request	Mission	Page No.
			Grand Total	64,124		

DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program
Index of Locations for Navy Projects

State/ Cntry	Proj No.	Location	Auth of Approp Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
ARIZONA						
		NAF EL CENTRO CA <u>PHOENIX, ARIZONA</u>				
	600	Reserve Center move to Luke AFB, NOSC Phoenix	10,986	10,986	Current	3
		Subtotal	10,986	10,986		
		Total - ARIZONA	10,986	10,986		
VIRGINIA						
		NAS OCEANA VA <u>VIRGINIA BEACH, VIRGINIA</u>				
	837	C-40 Hangar	30,400	30,400	Current	33
		Subtotal	30,400	30,400		
		Total - VIRGINIA	30,400	30,400		
		Total - Inside The United States	41,386	41,386		
<u>Various Locations</u>						
	510	Planning and Design	2,371	2,371	Current	37
		Total - Various Locations	2,371	2,371		

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program

Index of Locations for Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth of Approp Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
CALIFORNIA						
		NAS LEMOORE CA <u>ALAMEDA, CALIFORNIA</u>				
	049	Reserve Training Center, Alameda, CA	5,960	5,960	Current	9
		Subtotal	5,960	5,960		
		Total - CALIFORNIA	5,960	5,960		
ILLINOIS						
		HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE <u>CHICAGO, ILLINOIS</u>				
	048	Reserve Training Center, Joliet, IL	7,957	7,957	Current	15
		Subtotal	7,957	7,957		
		Total - ILLINOIS	7,957	7,957		
SOUTH CAROLINA						
		MARINE AIRCRAFT WING 4 <u>GOOSE CREEK, SOUTH CAROLINA</u>				
	196	Reserve Vehicle Maintenance Facility	4,240	4,240	Current	21
		Subtotal	4,240	4,240		
		Total - SOUTH CAROLINA	4,240	4,240		
TEXAS						
		NAS CORPUS CHRISTI TX <u>SAN ANTONIO, TEXAS</u>				
	105	Reserve Training Center	2,210	2,210	Current	27
		Subtotal	2,210	2,210		
		Total - TEXAS	2,210	2,210		
		Total - Inside The United States	20,367	20,367		

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program

Mission Status Index

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<u>Inside the United States</u>				
<u>ARIZONA</u>				
NAF EL CENTRO CA PHOENIX, ARIZONA	600	Reserve Center move to Luke AFB, NOSC Phoenix	10,986	Current
<u>CALIFORNIA</u>				
NAS LEMOORE CA ALAMEDA, CALIFORNIA	049	Reserve Training Center, Alameda, CA	5,960	Current
<u>ILLINOIS</u>				
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE CHICAGO, ILLINOIS	048	Reserve Training Center, Joliet, IL	7,957	Current
<u>SOUTH CAROLINA</u>				
MARINE AIRCRAFT WING 4 GOOSE CREEK, SOUTH CAROLINA	196	Reserve Vehicle Maintenance Facility	4,240	Current
<u>TEXAS</u>				
NAS CORPUS CHRISTI TX SAN ANTONIO, TEXAS	105	Reserve Training Center	2,210	Current
<u>VIRGINIA</u>				
NAS OCEANA VA VIRGINIA BEACH, VIRGINIA	837	C-40 Hangar	30,400	Current
<u>Various Locations</u>				
<u>VARIOUS LOCATIONS</u>				
Various Locations	510	Planning and Design	2,371	Current

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program
Installation Index

Installation	Location	DD1390 PageNo.
	<u>A</u>	
NAS LEMOORE CA	ALAMEDA, CALIFORNIA	7
	<u>C</u>	
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE	CHICAGO, ILLINOIS	13
	<u>G</u>	
MARINE AIRCRAFT WING 4	GOOSE CREEK, SOUTH CAROLINA	19
	<u>P</u>	
NAF EL CENTRO CA	PHOENIX, ARIZONA	1
	<u>S</u>	
NAS CORPUS CHRISTI TX	SAN ANTONIO, TEXAS	25
	<u>V</u>	
NAS OCEANA VA	VIRGINIA BEACH, VIRGINIA	31

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve Program

Appropriation Language

SECTION 1 - APPROPRIATION LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the reserve components of the Navy and Marine Corps as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, [\$57,045,000] \$64,124,000 to remain available until September 30, [2013] 2014.

SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2009 appropriations shown in brackets.

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DEPARTMENT OF THE NAVY
FY 2010 Military Construction, Navy and Marine Corps Reserve 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 as part of the commission's annual review of the Future Years Defense Program (FYDP). 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."

RESERVE MANPOWER POTENTIAL:

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with the other services having reserve flying /non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for futures activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorization strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

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1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION			2. Date 11 MAY 2009	
3. Installation and Location: N60042 NAF EL CENTRO CA PHOENIX, ARIZONA				4. Area Const Cost Index .99	
5. Frequency And Type Of Utilization 365 days a year. Unit training activities, weekend drills and full time staff support.					
6. Other Active/Guard/Reserve Installations Within 15 Miles Air National Guard 161st Unit at Sky Harbor Airport. Armed Forces Reserve Center at Papago Park Military Reservation. AZ Army National Guard. Air Force Reserve 944th Fighter Wing at Luke AFB.					
7. Projects Requested In This Program					
<u>Cat</u>		<u>Cost</u>		<u>Design Status</u>	
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start Complete</u>	
17115	Naval Operational Support Center	2993 m2	11,330	10/2008 02/2009	
8. State Reserve Forces Facilities Board Recommendation Recommended Unilateral Construction.				01 May 2006 (Date)	
9. Land Acquisition Required NO				(No. of Acres)	
10. Projects Planned In Next Four Years					
<u>P No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost (\$000)</u>	
	None				
R&M Unfunded Requirement (\$000):					
11. Personnel Strength		PERMANENT		GUARD/RESERVE	
As Of 09-30-2008	<u>TOTAL</u>	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u> <u>OFF</u> <u>ENL</u>
Authorized:	21	2	19	0	374 61 313
Actual:	15	2	13	0	732 130 602
12. Reserve Unit Data					
<u>Unit Designation</u>			<u>Strength</u>		
			<u>Authorized</u>	<u>Actual</u>	
1908G NR VOLTRAUNIT 1908			0	31	
83520 NSSB 1FREIGHT TERM CO A			27	17	
83522 NSSB 1 HEADQUARTERS CO			18	24	
83542 NR TRANS PERS UNIT 1929			0	35	
83600 NR PAC SGO DET F			15	21	
83671 NR CFA CHINHAE DET 3			16	16	
83707 NR USSTRATCOM JIC 0219			33	29	
83749 NR SURGE MAIN PILOT 216			2	37	
84127 NSSB 1 MAINTENANCE COMPANY			29	15	
84128 NSSB 1 FREIGHT TERM CO B			27	14	
84137 NR PERSUPPACT PAC			45	31	
84173 NR NCWGRU 1 DET 34 B			0	20	
84265 NR NSF NASD GUAM			36	41	
85174 NMCB 17 DET 06177			0	117	
85777 NR OPS SUPPORT UNIT 1929			0	43	
86557 NSSB 1 WAREHOUSE COMPANY C			21	30	

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 11 MAY 2009	
3. Installation and Location: N60042 NAF EL CENTRO CA PHOENIX, ARIZONA		4. Area Const Cost Index .99	
86822 NR NCTAMSPAC PHOENIX	37	37	
87078 NR OHSU NMC SD DET B	0	63	
87364 NR PHIBCB 1 DET 105	39	34	
87801 NR NPS TRNG UNIT 1929	0	46	
88499 NR 4MB H&S DET 2	0	12	
89096 NR C3F JFMCC DET PHOENIX	20	18	
89653 CG II MEF (22D MEU)	9	12	
13. Major Equipment and Aircraft			
<u>Type</u>	<u>Authorized</u>	<u>Actual</u>	
14. 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: N60042(RP) NAF EL CENTRO CA (NAVOPSPTCEN PHOENIX) PHOENIX, ARIZONA		4. Project Title Reserve Center move to Luke AFB, NOSC Phoenix		
5. Program Element 0815976N	6. Category Code 17115	7. Project Number P600	8. Project Cost (\$000) 10,986	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RESERVE CENTER MOVE TO LUKE AFB, NOSC PHOENIX (32,214 SF)	m2	2,992.78		7,740
RESERVE CENTER (32,214 SF)	m2	2,992.78	2,046.53	(6,120)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
LEED AND EPACT 2005 COMPLIANCE	LS			(260)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(180)
BUILT-IN EQUIPMENT	LS			(600)
INFORMATION SYSTEMS	LS			(500)
SUPPORTING FACILITIES				1,820
SPECIAL FOUNDATION FEATURES	LS			(120)
ELECTRICAL UTILITIES	LS			(380)
MECHANICAL UTILITIES	LS			(150)
PAVING AND SITE IMPROVEMENTS	LS			(190)
SITE PREPARATIONS	LS			(150)
DEMOLITION	LS			(830)
SUBTOTAL				9,560
CONTINGENCY (5%)				480
TOTAL CONTRACT COST				10,040
SIOH (5.7%)				570
SUBTOTAL				10,610
DESIGN/BUILD - DESIGN COST				380
TOTAL REQUEST ROUNDED				10,990
TOTAL REQUEST				10,986
EQUIPMENT FROM OTHER				(1,415)
APPROPRIATIONS (NON ADD)				
10. Description of Proposed Construction:				
<p>This project will construct a multi story, Naval Operational Support Center (NOSC) training facility at Luke Air Force Base. The building shall be permanent construction of reinforced concrete foundations, concrete floor slabs, structural steel frames, exterior walls and roof to match base architectural standards, mechanical and electrical systems. The buildings will be equipped with a fire protection system. Supporting facilities will include demolition of Buildings 309 and 319. The new NOSC building will be wired for voice and data communications, and secure</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60042(RP) NAF EL CENTRO CA (NAVOPSPTCEN PHOENIX) PHOENIX, ARIZONA		4. Project Title Reserve Center move to Luke AFB, NOSC Phoenix		
5. Program Element 0815976N	6. Category Code 17115	7. Project Number P600	8. Project Cost (\$000) 10,986	
internet protocol router network. Operation and maintenance support information manuals will be provided. The facility will incorporate electrical energy usage efficiency and improved building insulation and ventilation for the heating, ventilation and air conditioning system. The project will conform to Anti-Terrorism/Force Protection (AT/FP) standards and follow Leadership in Energy and Environmental Design and Federal Energy Acts compliance criteria for design, development, and construction.				
11. Requirement: <u>6557 m2</u> Adequate: <u>0 m2</u> Substandard:				
PROJECT: Construct a new NOSC on Luke Air Force Base, Phoenix, Arizona. (Current Mission)				
REQUIREMENT: Provide adequate and efficiently configured facilities for an 800-member Navy drill strength NOSC with administrative, training, operational, supply and medical administration spaces to carry out mission.				
CURRENT SITUATION: The existing NOSC consists of 12 buildings on 9 acres totaling over 50,000 square feet and houses 800 Navy reservists. It is located at 35th Avenue and Interstate 10 in Phoenix, AZ. The current facilities do not meet AT/FP criteria, and are in a highly deteriorated state. The physical location of the NOSC continues to be a strong concern to service members assigned to that center due to the high crime rate in the area.				
IMPACT IF NOT PROVIDED: If not provided, the NOSC will continue operating at a location that is below current AT/FP criteria and is known to have site safety problems. The facility will continue to deteriorate causing increased facility maintenance costs. NOSC recruitment and retention will be adversely affected by the surrounding neighborhood and condition of the facilities.				
12. Supplemental Data:				
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				12/2008
(C) Date design completed				02/2009
(D) Percent completed as of September 2008				0%
(E) Percent completed as of January 2009				85%
(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: N60042(RP) NAF EL CENTRO CA (NAVOPSPTCEN PHOENIX) PHOENIX, ARIZONA		4. Project Title Reserve Center move to Luke AFB, NOSC Phoenix																						
5. Program Element 0815976N	6. Category Code 17115	7. Project Number P600	8. Project Cost (\$000) 10,986																					
<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 \$400</p> <p>(B) All other design costs \$200</p> <p>(C) Total \$600</p> <p>(D) Contract \$450</p> <p>(E) In-house \$150</p> <p>4. Contract award: 02/2010</p> <p>5. Construction start: 03/2010</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="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: center;"><u>Procuring</u></th> <th style="text-align: center;"><u>FY Approp</u></th> <th></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: center;"><u>Approp</u></th> <th style="text-align: center;"><u>or Requested</u></th> <th style="text-align: center;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td style="text-align: center;">O&MNR</td> <td style="text-align: center;">2011</td> <td style="text-align: right;">875</td> </tr> <tr> <td>Comm/Data Equipment</td> <td style="text-align: center;">O&MNR</td> <td style="text-align: center;">2011</td> <td style="text-align: right;">50</td> </tr> <tr> <td>Physical Security Equipment</td> <td style="text-align: center;">OPN</td> <td style="text-align: center;">2011</td> <td style="text-align: right;">490</td> </tr> </tbody> </table> <p>JOINT USE CERTIFICATION:</p> <p>The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.</p> <p>Activity POC: CDR David P. Sanders Phone No:602-353-3000</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>	Collateral Equipment	O&MNR	2011	875	Comm/Data Equipment	O&MNR	2011	50	Physical Security Equipment	OPN	2011	490
<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&MNR	2011	875																					
Comm/Data Equipment	O&MNR	2011	50																					
Physical Security Equipment	OPN	2011	490																					

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60042(RP) NAF EL CENTRO CA (NAVOPSPTCEN PHOENIX) PHOENIX, ARIZONA		4. Project Title Reserve Center move to Luke AFB, NOSC Phoenix	
5. Program Element 0815976N	6. Category Code 17115	7. Project Number P600	8. Project Cost (\$000) 10,986

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1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION				2. Date 11 MAY 2009
3. Installation and Location: N63042 NAS LEMOORE CA ALAMEDA, CALIFORNIA				4. Area Const Cost Index 1.2	
5. Frequency And Type Of Utilization The center is utilized daily by the permanent staff and two days a month by the Reservists.					
6. Other Active/Guard/Reserve Installations Within 15 Miles None.					
7. Projects Requested In This Program					
<u>Cat</u>			<u>Cost</u>	<u>Design</u>	<u>Status</u>
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>
17115	Marine Reserve Center Addition	1482 m2	6,100	08/2008	09/2009
8. State Reserve Forces Facilities Board Recommendation Approved for Unilateral Construction.				15 Apr 2008 (Date)	
9. Land Acquisition Required YES				10 (No. of Acres)	
10. Projects Planned In Next Four Years					
<u>P No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	
	None				
R&M Unfunded Requirement (\$000):					
11. Personnel Strength		PERMANENT		GUARD/RESERVE	
As Of 09-30-2008	<u>TOTAL</u>	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u> <u>OFF</u> <u>ENL</u>
Authorized:	27	2	25	0	191 23 168
Actual:	29	2	27	0	176 15 161
12. Reserve Unit Data					
<u>Unit Designation</u>				Strength	
HQ BTRY., 1st BN., 14 Marines				<u>Authorized</u>	<u>Actual</u>
				218	176
13. Major Equipment and Aircraft					
<u>Type</u>				<u>Authorized</u>	<u>Actual</u>
7-ton Truck					3
7-tons				6	7
Boat (open vessel)					1
Boat trailers					3
Boats (Zodiacs)					6
Cargo trailers				6	7
D0850 Trucks, Cargo				24	23
Government vehicle (commercial)					3
Quad cons					54
14. Outstanding Pollution and Safety Deficiencies (\$000):					
a. Pollution Abatement (*):					0
b. Occupational Safety and Health (OSH) (#):					0

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 11 MAY 2009
3. Installation and Location: N63042 NAS LEMOORE CA ALAMEDA, CALIFORNIA		4. Area Const Cost Index 1.2
Blank Page		

1. Component NAVY		FY 2010 MILITARY CONSTRUCTION PROGRAM		2. Date 11 MAY 2009	
3. Installation(SA) & Location/UIC: N63042(RA) NAS LEMOORE CA (NAVOPSPTCEN ALAMEDA) ALAMEDA, CALIFORNIA			4. Project Title Reserve Training Center, Alameda, CA		
5. Program Element 0505096M		6. Category Code 17115	7. Project Number P049	8. Project Cost (\$000) 5,960	
9. COST ESTIMATES					
Item		UM	Quantity	Unit Cost	Cost(\$000)
RESERVE TRAINING CENTER, ALAMEDA, CA (15,952 SF)		m2	1,482		4,640
RESERVE CENTER ADDITION (5,500 SF)		m2	511	3,174.73	(1,620)
PARACHUTE DRYING AND REPEL TOWER (409 SF)		m2	38	9,416.89	(360)
BOAT LOADING RAMP (1,249 SF)		m2	116	5,244.07	(610)
RENOVATE BLDG. 3 (6,200 SF)		m2	576	1,114.37	(640)
VEHICLE MAINTENANCE FACILITY ADDITION (2,594 SF)		m2	241	2,822.27	(680)
ANTI-TERRORISM/FORCE PROTECTION		LS			(110)
LEED AND EPACT 2005 COMPLIANCE		LS			(90)
OPERATION & MAINTENANCE SUPP INFO (OMSI)		LS			(60)
BUILT-IN EQUIPMENT		LS			(360)
INFORMATION SYSTEMS		LS			(110)
SUPPORTING FACILITIES					540
SPECIAL FOUNDATION FEATURES		LS			(170)
ELECTRICAL UTILITIES		LS			(130)
MECHANICAL UTILITIES		LS			(40)
PAVING AND SITE IMPROVEMENTS		LS			(10)
SITE PREPARATIONS		LS			(40)
DEMOLITION		LS			(30)
ENVIRONMENTAL MITIGATION		LS			(120)
SUBTOTAL					5,180
CONTINGENCY (5%)					260
TOTAL CONTRACT COST					5,440
SIOH (5.7%)					310
SUBTOTAL					5,750
DESIGN/BUILD - DESIGN COST					210
TOTAL REQUEST ROUNDED					5,960
TOTAL REQUEST					5,960
EQUIPMENT FROM OTHER					(150)
APPROPRIATIONS (NON ADD)					
10. Description of Proposed Construction:					

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63042(RA) NAS LEMOORE CA (NAVOPSPTCEN ALAMEDA) ALAMEDA, CALIFORNIA		4. Project Title Reserve Training Center, Alameda, CA		
5. Program Element 0505096M	6. Category Code 17115	7. Project Number P049	8. Project Cost (\$000) 5,960	
<p>This project will consist of a new boat ramp, three new additions plus renovations at the existing joint use Naval Operations Support Center (NOSC) Alameda Facility, Alameda, CA. The boat ramp consists of 116 square meters of loading ramp. The first addition adds 752 square meters of single story space to Building 4 that includes 241 m2 of vehicle maintenance facility, 244 square meters of gear locker storage room, 74 square meters of armory, 104 square meters2 of firearms training system room, and 88 square meters of additional male heads and showers. The second addition is a new combined 38 square meter parachute drying and repelling tower adjacent to Building 2. The third requirement is to renovate 576 square meters of the existing Building 3 vehicle maintenance facility and convert it to a full supply storage warehouse space. Built-in equipment includes scuba equipment compressor, drying tower tanks and lift, and boat storage humidity control. Information Systems include mass notification and communication systems (telephone, local area network, and NMCI). Electrical utilities include exterior and interior power & lighting, and fire alarm. Mechanical utilities include plumbing, fire protection, energy efficient heating, ventilation and air conditioning, and energy saving electronic monitoring and control system. Supporting facilities work includes building utilities connection upgrades. Anti-Terrorism Force Protection (AT/FP) includes window glazing and other associated construction costs.</p> <p>Paving and site improvement includes grading, storm drainage, soil preparation, landscaping, and sidewalks as well as AT/FP measures and environmental mitigation associated with the new boat ramp.</p> <p>Sustainable features will be included in the design development, and construction for the project in accordance with Executive Order 13123 and other laws and executive orders. Operation and Maintenance Support information is included in this project.</p>				
11. Requirement: <u>1482 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>				
PROJECT: This project provides a new secure boat ramp and additions to the existing NOSC facilities in Alameda, CA for the 4th Force Reconnaissance Company as well as upgrades and renovations to existing vehicle maintenance space. (Current Mission)				
REQUIREMENT: Military construction is required to support Headquarters Marine Corps Force Structure Review Group (FSRG) initiatives. This project was necessitated as a result of the FSRG recommendation to realign the 4th				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63042(RA) NAS LEMOORE CA (NAVOPSPTCEN ALAMEDA) ALAMEDA, CALIFORNIA			4. Project Title Reserve Training Center, Alameda, CA	
5. Program Element 0505096M	6. Category Code 17115	7. Project Number P049	8. Project Cost (\$000) 5,960	
<p>Force Reconnaissance Company to Alameda, CA where waterfront access for in-water training is possible. The existing Alameda facilities are currently inadequate in size and scope to accommodate this new mission. The reconnaissance unit has several specialized requirements for training and equipment storage and maintenance. The reconnaissance unit has parachutes which require specialized maintenance spaces, inspection spaces, drying tower, and a secure, climate-controlled storage area. The unit also has scuba equipment that requires a repair/maintenance shop, drying and storage locker space, and a tank filling area with a compressor. Additional requirements include a rappel tower for training, secure boat ramp, firearms training, warehouse space and adequate head & shower facilities for personnel after extensive in-water training maneuvers.</p>				
CURRENT SITUATION:				
<p>The current reserve center at Alameda was constructed in 1940 and is used jointly by Marine Corps and Navy Reserve. The center is in relatively poor condition. The existing facilities are not adequate in size or scope to meet the 4th Force Reconnaissance Company's mission requirements, and though the existing structures will be used to the maximum extent possible, there remains a requirement for additional space. The Company currently has an inadequate armory, approximately 400 square feet, or about half the size required. There is no parachute drying tower, rappelling tower, scuba maintenance and storage locker space, firearms training systems space and inadequate general warehouse space. Further, the existing heads and showers are shared with the Navy. During Navy reservist training maneuvers there are insufficient numbers of fixtures to support the needs all occupants on board. Additionally the vehicle maintenance facility is shared with the Navy and is housed in a 1967 building in need of mechanical and electrical upgrades and some reconfiguration for optimum efficiency.</p>				
IMPACT IF NOT PROVIDED:				
<p>The ability of Company, 4th Force Reconnaissance to adequately train reservists will be adversely impacted by the lack of the additional facilities. The reconnaissance units have had inadequate facilities since their arrival. There are no spaces to maintain scuba gear or personnel parachutes. This portion of the Force Realignment cannot be accomplished without new construction of a scuba locker, scuba shop, armory, parachute drying/rappelling tower, head and shower facilities, storage, and secure boat ramp.</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N63042(RA) NAS LEMOORE CA (NAVOPSPTCEN ALAMEDA) ALAMEDA, CALIFORNIA		4. Project Title Reserve Training Center, Alameda, CA		
5. Program Element 0505096M	6. Category Code 17115	7. Project Number P049	8. Project Cost (\$000) 5,960	
12. Supplemental Data:				
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				09/2009
(D) Percent completed as of September 2008				10%
(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				\$300
(B) All other design costs				\$140
(C) Total				\$440
(D) Contract				\$340
(E) In-house				\$100
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:				
<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&MMCR	2011		40
Comm/Data	O&MMCR	2011		25
Gear Lockers	O&MMCR	2011		35
IDS Equipment	O&MMCR	2011		50
JOINT USE CERTIFICATION:				
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.				
Activity POC: Major Daniel Simons		Phone No: 504-678-5749		

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION			2. Date 11 MAY 2009	
3. Installation and Location: M68479 HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BAS CHICAGO, ILLINOIS				4. Area Const Cost Index 1.29	
5. Frequency And Type Of Utilization The center is utilized daily by the permanent staff and two days a month by the Reservists.					
6. Other Active/Guard/Reserve Installations Within 15 Miles Illinois Army National Guard.					
7. Projects Requested In This Program					
<u>Cat</u>			<u>Cost</u>	<u>Design Status</u>	
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start Complete</u>	
17115	Reserve Training Center Addition, Joliet IL	3205 m2	8,141	08/2008 10/2009	
8. State Reserve Forces Facilities Board Recommendation Approved for Unilateral Construction.				13 Jun 2008 (Date)	
9. Land Acquisition Required YES				10 (No. of Acres)	
10. Projects Planned In Next Four Years					
<u>P No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost (\$000)</u>	
	None				
R&M Unfunded Requirement (\$000):					
11. Personnel Strength		PERMANENT		GUARD/RESERVE	
As Of 09-30-2008	<u>TOTAL</u>	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u> <u>OFF</u> <u>ENL</u>
Authorized:	10	1	9	0	
Actual:	12	1	11	0	138 4 134
12. Reserve Unit Data				Strength	
<u>Unit Designation</u>				<u>Authorized</u>	<u>Actual</u>
Echo Company 4th Recon Bn				89	150
13. Major Equipment and Aircraft					
<u>Type</u>				<u>Authorized</u>	<u>Actual</u>
None					
14. Outstanding Pollution and Safety Deficiencies (\$000):					
a. Pollution Abatement (*):				0	
b. Occupational Safety and Health (OSH) (#):				0	

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 11 MAY 2009
3. Installation and Location: M68479 HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BAS CHICAGO, ILLINOIS		4. Area Const Cost Index 1.29
Blank Page		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M68479(JA) HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, (CHICAGO IL MCRC) CHICAGO, ILLINOIS			4. Project Title Reserve Training Center, Joliet, IL	
5. Program Element 0515096M	6. Category Code 17115	7. Project Number P048	8. Project Cost (\$000) 7,957	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RESERVE TRAINING CENTER, JOLIET, IL (34,493 SF)	m2	3,204.52		6,400
PARACHUTE DRYING TOWER (3,670 SF)	m2	340.95	2,788.92	(950)
DIVING EQUIPMENT LOCKER (250 SF)	m2	23.22	1,271.53	(30)
BOAT SHOP (2,400 SF)	m2	222.96	2,926.08	(650)
RAPELLING TOWER (400 SF)	m2	37.16	2,251.08	(80)
BOAT STORAGE SHED (800 SF)	m2	74.32	736.83	(50)
ORGANIC EQUIPMENT SHED (2,000 SF)	m2	185.8	819.05	(150)
MARINE CORPS RESERVE CENTER (18,569 SF)	m2	1,725.11	2,081.58	(3,590)
VEHICLE HOLDING SHED (6,405 SF)	m2	595	453.14	(270)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
LEED AND EPACT 2005 COMPLIANCE	LS			(120)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(50)
BUILT-IN EQUIPMENT	LS			(80)
SPECIAL COSTS	LS			(280)
SUPPORTING FACILITIES				520
ELECTRICAL UTILITIES	LS			(180)
MECHANICAL UTILITIES	LS			(110)
PAVING AND SITE IMPROVEMENTS	LS			(90)
SITE PREPARATIONS	LS			(60)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
SUBTOTAL				6,920
CONTINGENCY (5%)				350
TOTAL CONTRACT COST				7,270
SIOH (5.7%)				410
SUBTOTAL				7,680
DESIGN/BUILD - DESIGN COST				280
TOTAL REQUEST ROUNDED				7,960

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M68479(JA) HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, (CHICAGO IL MCRC) CHICAGO, ILLINOIS		4. Project Title Reserve Training Center, Joliet, IL		
5. Program Element 0515096M	6. Category Code 17115	7. Project Number P048	8. Project Cost (\$000) 7,957	
TOTAL REQUEST				7,957
EQUIPMENT FROM OTHER				(440)
APPROPRIATIONS (NON ADD)				
10. Description of Proposed Construction:				
<p>This project will consist of a single structure housing separate parachute drying tower and rappelling tower, boat shop and storage, organic equipment shed as well as a scuba/dive locker & oxygen-free maintenance locker. Built-in equipment includes parachute washing and drying equipment and central mechanical control. Operation and maintenance support information is included in this project. Anti-Terrorism/Force Protection (AT/FP) features include window glazing, and other associated construction costs. Electrical utilities include exterior and interior lighting. Mechanical utilities include fire protection water distribution, sewer piping, and water distribution. Paving and site improvement includes grading, soil preparation, landscaping, sidewalks, storm drainage and parking lot. Sustainable features will be included in the design, development, and construction for the project in accordance with Executive Order 13123 and other laws and executive orders. Construction will also include security lighting and perimeter fencing in accordance with all applicable DOD AT/FP guidance for primary gathering facilities.</p>				
11. Requirement: <u>3266 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u>				
PROJECT:				
<p>This project provides a drill center and storage facilities in the Joliet, IL area for Company E, 4th Reconnaissance Battalion.</p> <p>(Current Mission)</p>				
REQUIREMENT:				
<p>Military Construction is required to support Headquarters Marine Corps Force Structure Review Group (FSRG) initiatives. The Marine Corps does not have facilities to support additional population and mission increases. This project provides facilities for the increase of personnel for E Company, 4th Reconnaissance Battalion. This project was necessitated as a result of the FSRG recommendation to realign Company E, 4th Reconnaissance Battalion to Joliet, IL. The existing facilities are inadequate in size and scope. The current limited footprint available for new construction exacerbates AT/FP constraints which precludes additions to existing facility in Joliet proper. The reconnaissance unit has several specialized requirements for training and equipment storage and</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009																														
3. Installation(SA)& Location/UIC: M68479(JA) HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, (CHICAGO IL MCRC) CHICAGO, ILLINOIS		4. Project Title Reserve Training Center, Joliet, IL																																
5. Program Element 0515096M	6. Category Code 17115	7. Project Number P048	8. Project Cost (\$000) 7,957																															
<p>maintenance. The reconnaissance unit has parachutes which require specialized maintenance spaces, inspection spaces, a drying tower, and a secure climate-controlled storage area. Additional requirements include: a rappel tower for training, a boat repair shop, boat storage areas, scuba repair shop, an area for filling tanks and an organic equipment shed.</p> <p>CURRENT SITUATION:</p> <p>In support of the Marine Force Structure Realignment, the current drilling unit at Joliet, IL Battery B 1st Battalion 14th Marines, will no longer be a reserve unit or occupy their current spaces. Two platoons from Company E, 4th Reconnaissance Battalion will be relocated to the Joliet area. The current reserve center at Joliet was constructed in 1962 and is in fair condition. The existing facilities are not adequate in size or configuration for the new unit. Encroachment around the current site has precluded the renovations or additions to the current site.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The ability of Company E, 4th Reconnaissance Battalion to adequately train reservists will be adversely impacted by the lack of the additional facilities upon their arrival. There will be no spaces to maintain scuba gear or personnel parachutes. This portion of the force Alignment cannot be accomplished without new construction of a paraloft and dive locker.</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>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>10/2009</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>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>Yes</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> <table> <tr> <td>(A) Production of plans and specifications</td> <td>\$100</td> </tr> <tr> <td>(B) All other design costs</td> <td>\$140</td> </tr> <tr> <td>(C) Total</td> <td>\$240</td> </tr> <tr> <td>(D) Contract</td> <td>\$140</td> </tr> <tr> <td>(E) In-house</td> <td>\$100</td> </tr> </table> <p>4. Contract award: 01/2010</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	10/2009	(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	(A) Standard or Definitive Design	Yes	(B) Where design was previously used		(A) Production of plans and specifications	\$100	(B) All other design costs	\$140	(C) Total	\$240	(D) Contract	\$140	(E) In-house	\$100
(A) Date design or Parametric Cost Estimate started	08/2008																																	
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(G) Parametric Estimate used to develop cost	No																																	
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(D) Contract	\$140																																	
(E) In-house	\$100																																	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M68479(JA) HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, (CHICAGO IL MCRC) CHICAGO, ILLINOIS		4. Project Title Reserve Training Center, Joliet, IL		
5. Program Element 0515096M	6. Category Code 17115	7. Project Number P048	8. Project Cost (\$000) 7,957	
5. Construction start:		04/2010		
6. Construction complete:		04/2011		
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>	
782 Gear Lockers	O&MMCR	2011	65	
Comm/data Equipment	O&MMCR	2011	50	
Furnishings	O&MMCR	2011	250	
Weapons Racks	O&MMCR	2011	75	
JOINT USE CERTIFICATION:				
The Installation Management Claimant certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. The State Joint Services Reserve Component Facilities Board has reviewed this project for joint use potential. That board determined that unilateral construction was the best alternative to support this mission.				
Activity POC: Major Daniel Simons		Phone No: 504-678-5749		

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION				2. Date 11 MAY 2009														
3. Installation and Location: M67021 MARINE AIRCRAFT WING 4 GOOSE CREEK, SOUTH CAROLINA				4. Area Const Cost Index .91															
5. Frequency And Type Of Utilization The center is utilized daily by the permanent staff and two days a month by the Reservists.																			
6. Other Active/Guard/Reserve Installations Within 15 Miles Charleston Air Force Base																			
7. Projects Requested In This Program																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Cat</u></th> <th style="text-align: left;"><u>Code</u></th> <th style="text-align: left;"><u>Project Title</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> <th style="text-align: left;"><u>Design Start</u></th> <th style="text-align: left;"><u>Status Complete</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>21410</td> <td>Vehicle Maintenance Facility</td> <td>623 m2</td> <td style="text-align: right;">4,340</td> <td>12/2007</td> <td>09/2009</td> </tr> </tbody> </table>						<u>Cat</u>	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Start</u>	<u>Status Complete</u>		21410	Vehicle Maintenance Facility	623 m2	4,340	12/2007	09/2009
<u>Cat</u>	<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost (\$000)</u>	<u>Design Start</u>	<u>Status Complete</u>													
	21410	Vehicle Maintenance Facility	623 m2	4,340	12/2007	09/2009													
8. State Reserve Forces Facilities Board Recommendation Approved for Unilateral Construction.					17 Oct 2007 <hr/> (Date)														
9. Land Acquisition Required YES					10 <hr/> (No. of Acres)														
10. Projects Planned In Next Four Years																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>P No</u></th> <th style="text-align: left;"><u>Title</u></th> <th style="text-align: left;"><u>PY</u></th> <th style="text-align: left;"><u>Scope</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						<u>P No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost (\$000)</u>		None							
<u>P No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost (\$000)</u>															
	None																		
R&M Unfunded Requirement (\$000):																			
11. Personnel Strength																			
As Of 09-30-2008		PERMANENT		GUARD/RESERVE															
	<u>TOTAL</u>	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u>	<u>OFF</u>	<u>ENL</u>												
Authorized:	9	1	8	0	111	4	107												
Actual:	9	1	8	0	70	2	68												
12. Reserve Unit Data																			
<u>Unit Designation</u>				Strength															
Landing Supt. CO.C(rein), 4th LSB				<u>Authorized</u>	<u>Actual</u>														
				120	79														
13. Major Equipment and Aircraft																			
<u>Type</u>				<u>Authorized</u>	<u>Actual</u>														
5k (forklift)					1														
7-ton Truck					3														
D7 bulldozer					1														
Motor Grader					1														
Tram (forklift)					1														
Truck, cargo					5														
14. Outstanding Pollution and Safety Deficiencies (\$000):																			
a. Pollution Abatement (*):					0														
b. Occupational Safety and Health (OSH) (#):					0														

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 11 MAY 2009
3. Installation and Location: M67021 MARINE AIRCRAFT WING 4 GOOSE CREEK, SOUTH CAROLINA		4. Area Const Cost Index .91
Blank Page		

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: M67021(AF) MARINE AIRCRAFT WING 4 (CHARLESTON SC) GOOSE CREEK, SOUTH CAROLINA			4. Project Title Reserve Vehicle Maintenance Facility	
5. Program Element 0515096M	6. Category Code 21410	7. Project Number P196	8. Project Cost (\$000) 4,240	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RESERVE VEHICLE MAINTENANCE FACILITY (6,701 SF)	m2	622.54		2,080
VEHICLE MAINTENANCE FACILITY (4,603 SF)	m2	427.63	2,720.47	(1,160)
VEHICLE WASH PLATFORM (2,098 SF)	m2	194.91	1,615.95	(310)
ANTI-TERRORISM/FORCE PROTECTION	LS			(40)
LEED AND EPACT 2005 COMPLIANCE	LS			(50)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(20)
BUILT-IN EQUIPMENT	LS			(450)
SPECIAL COSTS	LS			(50)
SUPPORTING FACILITIES				1,610
SPECIAL FOUNDATION FEATURES	LS			(90)
ELECTRICAL UTILITIES	LS			(150)
MECHANICAL UTILITIES	LS			(170)
PAVING AND SITE IMPROVEMENTS	LS			(620)
SITE PREPARATIONS	LS			(360)
DEMOLITION	LS			(50)
ENVIRONMENTAL MITIGATION	LS			(170)
SUBTOTAL				3,690
CONTINGENCY (5%)				180
TOTAL CONTRACT COST				3,870
SIOH (5.7%)				220
SUBTOTAL				4,090
DESIGN/BUILD - DESIGN COST				150
TOTAL REQUEST ROUNDED				4,240
TOTAL REQUEST				4,240
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(50)
10. Description of Proposed Construction:				
The Using Activity for this project is planned to be: MARINE CORPS RESERVE TRAINING CENTER CO C (REIN) 4TH LANSPTBN 4TH FSSG, US NAVAL BASE. The Vehicle Maintenance Facility (VMF) will be a single-story, steel framed structure with concrete foundation, epoxy coated concrete floors,				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67021(AF) MARINE AIRCRAFT WING 4 (CHARLESTON SC) GOOSE CREEK, SOUTH CAROLINA			4. Project Title Reserve Vehicle Maintenance Facility	
5. Program Element 0515096M	6. Category Code 21410	7. Project Number P196	8. Project Cost (\$000) 4,240	
REQUIREMENT: Company C, 4th LANSPTBN is required to maintain all of the vehicles necessary for landing operations of the 4th FSSG, including heavy equipment.				
CURRENT SITUATION: The existing VMF is inadequate in size and requires substantial repair. There is insufficient storage capacity and only one maintenance bay. Due to poor conditions, several of the existing buildings are no longer habitable and can not be utilized for any purpose because of severe moisture problems and mold growth. This structure is a continuous health and maintenance issue. The site is bounded by Interstate 26 (I-26), commercial property, and abandoned buildings that were given to the local municipality when the Navy and Air Force vacated the area. The close proximity of these entities has resulted in the unit's inability to meet AT/FP standards for standoff distances. Additionally, the South Carolina Department of Transportation is currently negotiating with Marine Forces Reserve to annex portions of the site in order to expand I-26. The proposed annexation would encompass the unit's VMF. The Marine Corps Reserve Training Center (MCRTC), including the services of administration, supply, and training, has relocated to Naval Weapons Station Charleston, Goose Creek, SC and there is no VMF currently attached to the MCRTC.				
IMPACT IF NOT PROVIDED: The ability of Company C to adequately train and retain reservists will continue to be adversely impacted by the existing conditions under which operations are currently conducted. The building will continue to deteriorate, require exorbitant maintenance funds to repair and maintain, and fail to meet AT/FP standards.				
12. Supplemental Data:				
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				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):				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: M67021(AF) MARINE AIRCRAFT WING 4 (CHARLESTON SC) GOOSE CREEK, SOUTH CAROLINA			4. Project Title Reserve Vehicle Maintenance Facility	
5. Program Element 0515096M	6. Category Code 21410	7. Project Number P196	8. Project Cost (\$000) 4,240	
(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:				03/2010
5. Construction start:				08/2010
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>
Comm/data Equipment		O&MMCR	2011	20
Furniture		O&MMCR	2011	30
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. The State Joint Services Reserve Component Facilities Board has reviewed this project for joint use potential. That board determined that unilateral construction was the best alternative to support this mission.				
Activity POC: Maj Daniel Simons			Phone No: 504-678-5749	

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION			2. Date 11 MAY 2009	
3. Installation and Location: N00216 NAS CORPUS CHRISTI TX SAN ANTONIO, TEXAS			4. Area Const Cost Index .94		
5. Frequency And Type Of Utilization The center is utilized daily by the permanent staff and two days a month by the Reservists.					
6. Other Active/Guard/Reserve Installations Within 15 Miles Fort Sam Houston, Randolph Air Force Base, Lackland Air Force Base, Camp Bullis (all active) and two Army National Guard Units					
7. Projects Requested In This Program					
<u>Cat</u>			<u>Cost</u>	<u>Design Status</u>	
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start Complete</u>	
21175	Parachute & Survival Equipment Shop	802 m2	2,260	12/2008 12/2009	
8. State Reserve Forces Facilities Board Recommendation Approved for Unilateral Construction.				06 Aug 2008 (Date)	
9. Land Acquisition Required YES				10 (No. of Acres)	
10. Projects Planned In Next Four Years					
<u>P No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost (\$000)</u>	
	None				
R&M Unfunded Requirement (\$000):					
11. Personnel Strength		PERMANENT		GUARD/RESERVE	
As Of 09-30-2008	<u>TOTAL</u>	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u> <u>OFF</u> <u>ENL</u>
Authorized:	34	5	29	0	178 19 159
Actual:	34	6	28	0	223 16 207
12. Reserve Unit Data					
<u>Unit Designation</u>			Strength		
			<u>Authorized</u>	<u>Actual</u>	
T/O 1422 C Company, 4th Recon Battalion			80	96	
T/O 1427A H&S Compant, 4th Recon Battalion			120	131	
T/O 1499A I&I Staff/Site Support			12	30	
13. Major Equipment and Aircraft					
<u>Type</u>			<u>Authorized</u>	<u>Actual</u>	
HMMWV				26	
Truck, 7 ton				3	
14. Outstanding Pollution and Safety Deficiencies (\$000):					
a. Pollution Abatement (*):				0	
b. Occupational Safety and Health (OSH) (#):				0	

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 11 MAY 2009
3. Installation and Location: N00216 NAS CORPUS CHRISTI TX SAN ANTONIO, TEXAS		4. Area Const Cost Index .94
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1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA) & Location/UIC: N00216(SA) NAS CORPUS CHRISTI TX (NOSC-MCRC SAN ANTONIO) SAN ANTONIO, TEXAS			4. Project Title Reserve Training Center	
5. Program Element 0505096M	6. Category Code 21175	7. Project Number P105	8. Project Cost (\$000) 2,210	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
RESERVE TRAINING CENTER (8,633 SF)	m2	802		1,560
PARALOFT AND TOWER (4,069 SF)	m2	378	2,532.82	(960)
DIVE LOCKER (248 SF)	m2	23	940.72	(20)
EXISTING DIVE LOCKER	m2	401	1,137.88	(460)
RENOVATIONS (4,316 SF)				
ANTI-TERRORISM/FORCE	LS			(10)
PROTECTION				
LEED AND EPACT 2005 COMPLIANCE	LS			(20)
OPERATION & MAINTENANCE SUPP	LS			(10)
INFO (OMSI)				
BUILT-IN EQUIPMENT	LS			(60)
SPECIAL COSTS	LS			(10)
INFORMATION SYSTEMS	LS			(10)
SUPPORTING FACILITIES				360
SPECIAL FOUNDATION FEATURES	LS			(40)
ELECTRICAL UTILITIES	LS			(70)
MECHANICAL UTILITIES	LS			(30)
PAVING AND SITE IMPROVEMENTS	LS			(200)
SITE PREPARATIONS	LS			(10)
DEMOLITION	LS			(10)
SUBTOTAL				1,920
CONTINGENCY (5%)				100
TOTAL CONTRACT COST				2,020
SIOH (5.7%)				120
SUBTOTAL				2,140
DESIGN/BUILD - DESIGN COST				80
TOTAL REQUEST ROUNDED				2,220
TOTAL REQUEST				2,210
EQUIPMENT FROM OTHER				(35)
APPROPRIATIONS (NON ADD)				
10. Description of Proposed Construction:				
<p>This project constructs a parachute loft, drying tower, rappel tower, addition to an existing dive locker and renovates an existing dive locker.</p> <p>Built-in equipment includes a compressed air system, direct digital controls, three dip tanks, a motorized lift system for parachutes, installed shelving/racks and installed cabinets. Operation and</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00216(SA) NAS CORPUS CHRISTI TX (NOSC-MCRC SAN ANTONIO) SAN ANTONIO, TEXAS		4. Project Title Reserve Training Center		
5. Program Element 0505096M	6. Category Code 21175	7. Project Number P105	8. Project Cost (\$000) 2,210	
<p>maintenance support information will be included in this project. Information systems include a mass notification system. Anti Terrorism Force Protection (AT/FP) includes window glazing and other associated construction costs. Special costs include a fire protection system and pile foundation. Electrical utilities include exterior lighting and distribution. Mechanical utilities include water distribution and sanitary sewer system improvements. Paving and site improvements include storm drainage, paved surfaces, facility access road, and storm water retention. Site preparations include grading. The project will comply with Leadership in Energy and Environmental Design and Environmental Protection Act 2005 criteria. The construction and siting will comply with Department of Defense AT/FP guidance.</p>				
<p>11. Requirement: <u>1174 m2</u> Adequate: <u>0 m2</u> Substandard:</p> <p>PROJECT:</p> <p>This project constructs a parachute loft, rappelling tower, and dive locker in addition to renovations for existing structure in San Antonio, TX for Headquarters and A Company, 4th Force Reconnaissance Company, 4th Marine Division.</p> <p>(Current Mission)</p> <p>REQUIREMENT:</p> <p>This project is necessitated because the unit does not have the required facilities to train for its mission. In order to perform the reconnaissance mission, the unit requires a parachute loft, rappelling tower, and dive locker.</p> <p>CURRENT SITUATION:</p> <p>The existing facility was built in 1986 as a Navy-Marine Corps Reserve Training Center. The facility was not designed or configured for a reconnaissance unit and does not have a parachute loft, rappelling tower, or adequate dive locker. The unit currently uses ad hoc methods, such as using the supply warehouse to store and pack parachutes, in order to train. This situation is less than desirable and is a safety concern. Construction of a parachute loft, rappelling tower, and dive locker is required so that the unit can properly train for its assigned mission.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>The ability of 4th Force Reconnaissance Company to adequately train and retain reservists will be adversely impacted without the construction of the parachute loft, rappelling tower, and dive locker.</p>				
<p>12. Supplemental Data:</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: N00216(SA) NAS CORPUS CHRISTI TX (NOSC-MCRC SAN ANTONIO) SAN ANTONIO, TEXAS			4. Project Title Reserve Training Center													
5. Program Element 0505096M	6. Category Code 21175	7. Project Number P105	8. Project Cost (\$000) 2,210													
(A) Date design or Parametric Cost Estimate started 12/2008 (B) Date 35% Design or Parametric Cost Estimate complete 09/2009 (C) Date design completed 12/2009 (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 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 \$60 (B) All other design costs \$20 (C) Total \$80 (D) Contract \$10 (E) In-house \$70 4. Contract award: 02/2010 5. Construction start: 06/2010 6. Construction complete: 06/2011 B. Equipment associated with this project which will be provided from other appropriations: <table border="0"> <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&MMCR</td> <td>2011</td> <td>35</td> </tr> </tbody> </table> 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. Joint use is recommended. Activity POC: Lt Col Craig Hunt Phone No:504 678-6818					<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&MMCR	2011	35
<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&MMCR	2011	35													

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM		2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N00216(SA) NAS CORPUS CHRISTI TX (NOSC-MCRC SAN ANTONIO) SAN ANTONIO, TEXAS		4. Project Title Reserve Training Center	
5. Program Element 0505096M	6. Category Code 21175	7. Project Number P105	8. Project Cost (\$000) 2,210

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1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION				2. Date 11 MAY 2009
3. Installation and Location: N60191 NAS OCEANA VA VIRGINIA BEACH, VIRGINIA				4. Area Const Cost Index .94	
5. Frequency And Type Of Utilization Five days a week, plus one weekend a month.					
6. Other Active/Guard/Reserve Installations Within 15 Miles Naval Station Norfolk, Naval Amphibious Base Little Creek, Naval Support Activity Norflok, Naval Support Activity Northwest, Fort Story.					
7. Projects Requested In This Program					
<u>Cat</u>		<u>Cost</u>		<u>Design Status</u>	
<u>Code</u>	<u>Project Title</u>	<u>Scope</u>	<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>
21105	C-40 Aircraft Hangar	6088 m2	31,340	05/2008	08/2009
8. State Reserve Forces Facilities Board Recommendation The project is slated for review at the next JSRFRB. _____ (Date)					
9. Land Acquisition Required NO _____ (No. of Acres)					
10. Projects Planned In Next Four Years					
<u>P No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost (\$000)</u>	
	None				
R&M Unfunded Requirement (\$000):					
11. Personnel Strength		PERMANENT		GUARD/RESERVE	
As Of 09-30-2008	<u>TOTAL</u>	<u>OFF</u>	<u>ENL</u>	<u>CIV</u>	<u>TOTAL</u> <u>OFF</u> <u>ENL</u>
Authorized:	135	12	123	0	222 36 186
Actual:	141	11	130	0	145 32 113
12. Reserve Unit Data					
<u>Unit Designation</u>				Strength	
Total				<u>Authorized</u>	<u>Actual</u>
				357	286
13. Major Equipment and Aircraft					
<u>Type</u>				<u>Authorized</u>	<u>Actual</u>
C-40 (scheduled 2010)				2	0
C-40 (scheduled future)				2	0
C-9B				4	4
14. Outstanding Pollution and Safety Deficiencies (\$000):					
a. Pollution Abatement (*):					0
b. Occupational Safety and Health (OSH) (#):					0

1. Component NAVY	FY 2010 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 11 MAY 2009
3. Installation and Location: N60191 NAS OCEANA VA VIRGINIA BEACH, VIRGINIA		4. Area Const Cost Index .94
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1. Component NAVY		FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009	
3. Installation(SA) & Location/UIC: N60191 NAS OCEANA VA VIRGINIA BEACH, VIRGINIA				4. Project Title C-40 Hangar		
5. Program Element 0703676N		6. Category Code 21105	7. Project Number P837		8. Project Cost (\$000) 30,400	
9. COST ESTIMATES						
Item		UM	Quantity	Unit Cost	Cost(\$000)	
C-40 HANGAR (65,531 SF)		m2	6,088		20,250	
C-40 AIRCRAFT HANGAR (61,117 SF)		m2	5,678	3,089	(17,540)	
GROUND SUPPORT EQUIPMENT SHED (4,413 SF)		m2	410	1,359	(560)	
ANTI-TERRORISM/FORCE PROTECTION		LS			(200)	
LEED AND EPACT 2005 COMPLIANCE		LS			(280)	
OPERATION & MAINTENANCE SUPP INFO (OMSI)		LS			(200)	
BUILT-IN EQUIPMENT		LS			(1,060)	
INFORMATION SYSTEMS		LS			(410)	
SUPPORTING FACILITIES					6,190	
SPECIAL FOUNDATION FEATURES		LS			(1,070)	
ELECTRICAL UTILITIES		LS			(1,950)	
MECHANICAL UTILITIES		LS			(780)	
PAVING AND SITE IMPROVEMENTS		LS			(650)	
SITE PREPARATIONS		LS			(460)	
DEMOLITION		LS			(500)	
ENVIRONMENTAL MITIGATION		LS			(780)	
SUBTOTAL					26,440	
CONTINGENCY (5%)					1,320	
TOTAL CONTRACT COST					27,760	
SIOH (5.7%)					1,580	
SUBTOTAL					29,340	
DESIGN/BUILD - DESIGN COST					1,060	
TOTAL REQUEST ROUNDED					30,400	
TOTAL REQUEST					30,400	
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(600)	
10. Description of Proposed Construction:						
This project will construct a high-bay aircraft maintenance hangar to accommodate one C-40 aircraft. The facility will include squadron maintenance space, squadron administrative space and climate controlled warehouse space. An additional 418 square meters of regular warehouse space, and 47 square meters of office space will be constructed for the						

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60191 NAS OCEANA VA VIRGINIA BEACH, VIRGINIA			4. Project Title C-40 Hangar	
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P837	8. Project Cost (\$000) 30,400	
<p>VR-56, currently based at NAS Oceana, is scheduled to transition from the C-9 aircraft, to the C-40 aircraft beginning in 2010. The squadron requires adequate hangar bay, maintenance shops and administrative spaces. Storage space for aircraft seats, cargo handling equipment, and GSE is required, and must be climate control to prevent damage from mold, mildew and corrosion. The Logistics Support Squadron requires warehouse and office space to store and manage aircraft spare parts.</p>				
CURRENT SITUATION:				
<p>VR-56 supports naval operations by providing airlift transportation of personnel, cargo, and logistical support worldwide.</p>				
<p>VR-56 currently occupies one module of shop and administrative spaces and approximately 65% of one hangar bay in Hangar 200. They operate four C-9 (McDonnell Douglas DC-9) aircraft. They are scheduled to transition to the Boeing C-40 aircraft beginning in 2010. The majority of VR-56's missions originate or terminate at NAS Oceana. VR-56 shares hangar 200 with Fleet Composite Squadron Twelve, Strike/Fighter Squadron Fifteen and Fleet Readiness Center Mid-Atlantic. Expansion of or within the existing facility is not feasible. There is no other existing hangar space aboard Naval Air Station Oceana that can accommodate the requirement.</p>				
<p>Hangar 200 was constructed in 1956, and is in substandard condition. The height of the hangar bay door opening is 40 feet and the height of the vertical tail on the C-40 is 41 feet 2 inches. In order for Hangar 200 to accept C-40s, it would be necessary to modify the hangar bay door tracks and their supporting structure to create a slot for the vertical tail to pass through. Inside the hangar, sprinklers, lighting and heating equipment would have to be relocated in order to provide the 50 foot clear height requirement to allow jacking of the aircraft. The hangar does not have sufficient space to allow co-location of the seat, cargo equipment and GSE storage. Currently the squadron is using space in a Supply warehouse located approximately one mile from the hangar. No climate controlled storage suitable for the seats and cargo equipment exists at NAS Oceana.</p>				
IMPACT IF NOT PROVIDED:				
<p>Without the construction of this project, the mission of VR-56 will be negatively impacted. Aircraft maintenance operations will be degraded, directly affecting the readiness of the squadron to respond to operational requirements. Specifically, it will be impossible to place the entire aircraft in a hangar for maintenance. Maintenance to the tail of the aircraft, including the vertical and horizontal stabilizers will have to</p>				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N60191 NAS OCEANA VA VIRGINIA BEACH, VIRGINIA			4. Project Title C-40 Hangar	
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P837	8. Project Cost (\$000) 30,400	
be conducted outside, without protection from the elements. The inability to completely close the hangar doors will result in significant waste of energy during the heating season.				
12. Supplemental Data:				
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				01/2009
(C) Date design completed				08/2009
(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				
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				\$450
(E) In-house				\$150
4. Contract award:				01/2010
5. Construction start:				06/2010
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>	
CCTV System	O&MNR	2011		50
Collateral Equipment	O&MNR	2011		500
IDS System	O&MNR	2011		50
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: Miles Lumbard			Phone No: 757-433-2844	

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N64480 RESERVE PLANNING/DESIGN WASHINGTON, DISTRICT OF COLUMBIA			4. Project Title Planning and Design	
5. Program Element	6. Category Code	7. Project Number P510	8. Project Cost (\$000) 2,371	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PLANNING AND DESIGN	LS			2,370
PLANNING AND DESIGN	LS			(2,370)
SUBTOTAL				2,370
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				2,370
SIOH (0%)				0
SUBTOTAL				2,370
TOTAL REQUEST ROUNDED				2,370
TOTAL REQUEST				2,371
10. Description of Proposed Construction: Funds to be utilized under Title 10 USC 18233(e) 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.				
11. Requirement: PROJECT: 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. (Current Mission) REQUIREMENT: CURRENT SITUATION: IMPACT IF NOT PROVIDED:				
12. Supplemental Data: A. Estimated Design Data: 1. Status:				

1. Component NAVY	FY 2010 MILITARY CONSTRUCTION PROGRAM			2. Date 11 MAY 2009
3. Installation(SA)& Location/UIC: N64480 RESERVE PLANNING/DESIGN WASHINGTON, DISTRICT OF COLUMBIA			4. Project Title Planning and Design	
5. Program Element	6. Category Code	7. Project Number P510	8. Project Cost (\$000) 2,371	
<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 N/A</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 \$0</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: Phone No:</p>				