

Department of the Navy

2005

Budget Estimates



Military Construction

Naval and Marine Corps Reserve
Program

Justification Data
Submitted to Congress
February 2004

Department of the Navy
FY 2005 Military Construction, Naval and Marine Corps Reserve Program

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PLANNING AND DESIGN	27

Department of the Navy
 FY 2005 Military Construction, Naval and Marine Corps Reserve Program
 Summary of Locations

<u>State/Country</u>	Auth of Approp	Appropriation
<u>Inside The United States</u>	Request	Request
FLORIDA	9,300	9,300
NORTH CAROLINA	3,492	3,492
PENNSYLVANIA	7,700	7,700
VIRGINIA	3,290	3,290
Subtotal	23,782	23,782
<u>Various Locations</u>		
Various Locations	1,503	1,503
Subtotal	1,503	1,503
Total - FY 2005 Military Construction Program	25,285	25,285

Department of the Navy
 FY 2005 Military Construction, Naval and Marine Corps Reserve Program
 Index of Locations for Navy and Marine Corps

State/Country	Proj No.	Location	Auth of Approp Request	Appropriation Request	Mission	Page No.
<u>Inside the United States</u>						
FLORIDA		INSPECTOR/INSTRUCTOR STAFF COMBAT SUPPORT UNITS 4TH MARINE DIVISION, AFRESCEN				
		<u>JACKSONVILLE, FLORIDA</u>				
	532	RESERVE TRAINING CENTER	9,300	9,300	Current	3
		Subtotal	9,300	9,300		
		Total - FLORIDA	9,300	9,300		
NORTH CAROLINA		NAVAL RESERVE CENTER				
		<u>ASHEVILLE, NORTH CAROLINA</u>				
	596	JOINT RESERVE CENTER	3,492	3,492	Current	9
		Subtotal	3,492	3,492		
		Total - NORTH CAROLINA	3,492	3,492		
PENNSYLVANIA		NAVAL AIR STATION JOINT RESERVE BASE				
		<u>WILLOW GROVE, PENNSYLVANIA</u>				
	237	FITNESS CENTER	7,700	7,700	Current	17
		Subtotal	7,700	7,700		
		Total - PENNSYLVANIA	7,700	7,700		
VIRGINIA		NAVAL AND MARINE CORPS RESERVE CENTER				
		<u>NORFOLK, VIRGINIA</u>				
	041	VEHICLE MAINTENANCE FACILITY	3,290	3,290	Current	23
		Subtotal	3,290	3,290		
		Total - VIRGINIA	3,290	3,290		
		Total - Inside The United States	23,782	23,782		
		<u>Various Locations</u>				
	505	PLANNING AND DESIGN	1,503	1,503	Current	27
		Total - Various Locations	1,503	1,503		
		Total - FY 2005 Military Construction Program	25,285	25,285		
		Grand Total	25,285	25,285		

Department of the Navy
 FY 2005 Military Construction, Naval and Marine Corps Reserve Program
 Index of Locations for Navy

State/Country	Proj No.	Location	Auth of Approp Request	Appropriation Request	Mission	Page No.
<u>Inside the United States</u>						
NORTH CAROLINA						
		NAVAL RESERVE CENTER <u>ASHEVILLE, NORTH CAROLINA</u>				
	596	JOINT RESERVE CENTER	3,492	3,492	Current	9
		Subtotal	3,492	3,492		
		Total - NORTH CAROLINA	3,492	3,492		
PENNSYLVANIA						
		NAVAL AIR STATION JOINT RESERVE BASE <u>WILLOW GROVE, PENNSYLVANIA</u>				
	237	FITNESS CENTER	7,700	7,700	Current	17
		Subtotal	7,700	7,700		
		Total - PENNSYLVANIA	7,700	7,700		
		Total - Inside The United States	11,192	11,192		
<u>Various Locations</u>						
	505	PLANNING AND DESIGN	1,503	1,503	Current	27
		Total - Various Locations	1,503	1,503		

Department of the Navy
 FY 2005 Military Construction, Naval and Marine Corps Reserve Program
 Index of Locations for Marines

State/Country	Proj No.	Location	Auth of Approp Request	Appropriation Request	Mission	Page No.
<u>Inside the United States</u>						
FLORIDA		INSPECTOR/INSTRUCTOR STAFF COMBAT SUPPORT UNITS 4TH MARINE DIVISION, AFRESCEN				
		JACKSONVILLE, FLORIDA				
	532	RESERVE TRAINING CENTER	9,300	9,300	Current	3
		Subtotal	9,300	9,300		
		Total - FLORIDA	9,300	9,300		
VIRGINIA		NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA				
	041	VEHICLE MAINTENANCE FACILITY	3,290	3,290	Current	23
		Subtotal	3,290	3,290		
		Total - VIRGINIA	3,290	3,290		
		Total - Inside The United States	12,590	12,590		

Department of the Navy
 FY 2005 Military Construction, Naval 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>FLORIDA</u>				
INSPECTOR/INSTRUCTOR STAFF COMBAT SUPPORT UNITS 4TH MARINE DIVISION, AFRESCEN JACKSONVILLE, FLORIDA	532	RESERVE TRAINING CENTER	9,300	Current
<u>NORTH CAROLINA</u>				
NAVAL RESERVE CENTER ASHEVILLE, NORTH CAROLINA	596	JOINT RESERVE CENTER	3,492	Current
<u>PENNSYLVANIA</u>				
NAVAL AIR STATION JOINT RESERVE BASE WILLOW GROVE, PENNSYLVANIA	237	FITNESS CENTER	7,700	Current
<u>VIRGINIA</u>				
NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA	041	VEHICLE MAINTENANCE FACILITY	3,290	Current
<u>Various Locations</u>				
Various Locations Various Locations	505	PLANNING AND DESIGN	1,503	Current

Department of the Navy
 FY 2005 Military Construction, Naval and Marine Corps Reserve Program
 Installation Index

DD1390

PageNo.

Installation	Location	PageNo.
	<u>A</u>	
NAVAL RESERVE CENTER	ASHEVILLE, NORTH CAROLINA	9
	<u>J</u>	
INSPECTOR/INSTRUCTOR STAFF COMBAT SUPPORT UNITS 4TH MARINE DIVISION, AFRESCEN	JACKSONVILLE, FLORIDA	3
	<u>N</u>	
NAVAL AND MARINE CORPS RESERVE CENTER	NORFOLK, VIRGINIA	23
	<u>W</u>	
PLANNING/DESIGN VARIOUS LOCATIONS	WASHINGTON, DISTRICT OF COLUMBIA	27
NAVAL AIR STATION JOINT RESERVE BASE	WILLOW GROVE, PENNSYLVANIA	17

APPROPRIATION
MILITARY CONSTRUCTION, NAVAL AND MARINE CORPS RESERVE

Department of the Navy
Annual Budget Estimates

2005
Budget

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, [\$45,498,000] \$25,285,000 to remain available until September 30, [2008] 2009.

SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2004 appropriations shown in brackets.

DEPARTMENT OF THE NAVY
MILITARY CONSTRUCTION, NAVAL AND MARINE CORPS RESERVE

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.

DEPARTMENT OF THE NAVY
MILITARY CONSTRUCTION, NAVAL AND MARINE CORPS RESERVE

SPECIAL PROGRAM CONSIDERATIONS

ECONOMIC ANALYSIS:

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.

1.Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2.Date 02/18/04																																			
3.Installation and Location: M45366 INSPECTOR/INSTRUCTOR STAFF COMBAT SUPPORT UNITS 4TH MARINE : JACKSONVILLE, FLORIDA		4.Area Constr. Cost Index .93																																			
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 Air Station, Jacksonville, FL; Naval Base, Mayport, FL; Armed Forces Reserve Center, NAS Jax; Navy Fuel Depot, Heckser Dr., Jax, FL; Blount Island Command																																					
7. Projects Requested In This Program																																					
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align:left;"><u>Category</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</u> <u>(\$000)</u></th> <th style="text-align:left;"><u>Design Status</u> <u>Start</u> <u>Complete</u></th> </tr> </thead> <tbody> <tr> <td>17115</td> <td>RESERVE TRAINING CENTER</td> <td>3979 m2</td> <td style="text-align:right;">9,300</td> <td>08/2002 04/2005</td> </tr> </tbody> </table>			<u>Category</u>	<u>Project Title</u>	<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>	<u>Design Status</u> <u>Start</u> <u>Complete</u>	17115	RESERVE TRAINING CENTER	3979 m2	9,300	08/2002 04/2005																									
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17115	RESERVE TRAINING CENTER	3979 m2	9,300	08/2002 04/2005																																	
8. State Reserve Forces Facilities Board Recommendation Installations identified in item 6 have been examined by the State Joint Reserve Component Facilities Board for possible joint use/expansion. The Board recommended approval of this project for unilateral construction. 30 Jan 2003 (Date)																																					
9. Land Acquisition Required NO (Number of Acres)																																					
10. Projects Planned In Next Four Years																																					
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align:left;"><u>Project 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</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td></td> <td>None</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>R&M Unfunded Requirement (\$000): \$</p>			<u>Project No</u>	<u>Title</u>	<u>PY</u>	<u>Scope</u>	<u>Cost</u> <u>(\$000)</u>		None																												
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11. Personnel Strength As Of 30-SEP-03																																					
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Permanent</th> <th colspan="4">Guard/Reserve</th> </tr> <tr> <th>Total</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> <th>Total</th> <th>Officer</th> <th>Enlisted</th> <th>Civilian</th> </tr> </thead> <tbody> <tr> <td>Authorized</td> <td style="text-align:center;">17</td> <td style="text-align:center;">1</td> <td style="text-align:center;">16</td> <td style="text-align:center;">0</td> <td style="text-align:center;">177</td> <td style="text-align:center;">4</td> <td style="text-align:center;">173</td> <td style="text-align:center;">0</td> </tr> <tr> <td>Actual</td> <td style="text-align:center;">17</td> <td style="text-align:center;">1</td> <td style="text-align:center;">16</td> <td style="text-align:center;">0</td> <td style="text-align:center;">145</td> <td style="text-align:center;">4</td> <td style="text-align:center;">141</td> <td style="text-align:center;">0</td> </tr> </tbody> </table>				Permanent				Guard/Reserve				Total	Officer	Enlisted	Civilian	Total	Officer	Enlisted	Civilian	Authorized	17	1	16	0	177	4	173	0	Actual	17	1	16	0	145	4	141	0
	Permanent				Guard/Reserve																																
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12. Reserve Unit Data																																					
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Unit Designation</th> <th colspan="2">Strength</th> </tr> <tr> <th>Authorized</th> <th>Actual</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Unit Designation	Strength		Authorized	Actual																														
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1.Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION		2.Date 02/18/04																					
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<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">I&I Staff/Site Support</td> <td style="width: 20%; text-align: right;">17</td> <td style="width: 20%; text-align: right;">17</td> </tr> <tr> <td>Company B(-), 4th Assault Amphibian Bn</td> <td style="text-align: right;">129</td> <td style="text-align: right;">161</td> </tr> <tr> <td>Det H&S Company, 4th Assault Amphibian Bn</td> <td style="text-align: right;">16</td> <td style="text-align: right;">16</td> </tr> </table>				I&I Staff/Site Support	17	17	Company B(-), 4th Assault Amphibian Bn	129	161	Det H&S Company, 4th Assault Amphibian Bn	16	16												
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Det H&S Company, 4th Assault Amphibian Bn	16	16																						
13. Major Equipment and Aircraft <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 50%;">Type</th> <th style="width: 25%;">Authorized</th> <th style="width: 25%;">Actual</th> </tr> </thead> <tbody> <tr> <td>AAVP7</td> <td style="text-align: right;">16</td> <td style="text-align: right;">10</td> </tr> <tr> <td>AAVC7</td> <td style="text-align: right;">1</td> <td style="text-align: right;">1</td> </tr> <tr> <td>AAVR7</td> <td style="text-align: right;">1</td> <td style="text-align: right;">1</td> </tr> <tr> <td>5-TON</td> <td style="text-align: right;">2</td> <td style="text-align: right;">2</td> </tr> <tr> <td>HMMWV</td> <td style="text-align: right;">4</td> <td style="text-align: right;">4</td> </tr> <tr> <td>FORKLIFT</td> <td style="text-align: right;">1</td> <td style="text-align: right;">1</td> </tr> </tbody> </table>				Type	Authorized	Actual	AAVP7	16	10	AAVC7	1	1	AAVR7	1	1	5-TON	2	2	HMMWV	4	4	FORKLIFT	1	1
Type	Authorized	Actual																						
AAVP7	16	10																						
AAVC7	1	1																						
AAVR7	1	1																						
5-TON	2	2																						
HMMWV	4	4																						
FORKLIFT	1	1																						
14. Outstanding Pollution and Safety Deficiencies (\$000): <ul style="list-style-type: none"> a. Pollution Abatement (*): \$0 b. Occupational Safety and Health (OSH) (#): \$0 																								

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2.Date 18 FEB 2004
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3.Installation and Location/UIC: M45366 INSPECTOR/INSTRUCTOR STAFF COMBAT SUPPORT U JACKSONVILLE, FLORIDA	4.Project Title RESERVE TRAINING CENTER
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5.Program Element 0505096M	6.Category Code 17115	7.Project Number P532	8.Project Cost (\$000) 9,300
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9.COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
RESERVE TRAINING CENTER (42,830 SF)	m2	3,979		6500
TRAINING CENTER (35,973 SF)	m2	3,342	1,238.64	(4140)
VEHICLE MAINTENANCE FACILITY (6,857 SF)	m2	637	1,744.06	(1110)
BUILT-IN EQUIPMENT	LS			(270)
TECHNICAL OPERATING MANUALS	LS			(60)
INFORMATION SYSTEMS	LS			(30)
ANTI-TERRORISM/FORCE PROTECTION	LS			(150)
SPECIAL COSTS	LS			(740)
SUPPORTING FACILITIES				1570
ELECTRICAL UTILITIES	LS			(170)
MECHANICAL UTILITIES	LS			(290)
PAVING AND SITE IMPROVEMENTS	LS			(820)
DEMOLITION	LS			(140)
WETLAND MITIGATION	LS			(150)
SUBTOTAL				8070
CONTINGENCY (5%)				400
TOTAL CONTRACT COST				8470
SIOH (6%)				510
SUBTOTAL				8980
DESIGN/BUILD - DESIGN COST				320
TOTAL REQUEST ROUNDED				9300
TOTAL REQUEST				9300

10.Description of Proposed Construction

The reserve training building will be a one-story steel framed structure with concrete foundation, concrete floor, masonry walls, sloped roofing system, fire protection system, heating, ventilation, and air conditioning systems, weapons storage area, staging areas, classrooms, locker and shower rooms, workshops, and electrical and mechanical utilities. The vehicle maintenance building will be a one-story steel framed structure with concrete foundation, concrete floor, masonry walls, sloped roofing, high bay compartments, tool room, parts room, conditioned office spaces, restrooms, storage, heating, ventilation and electrical and mechanical utilities. Built-in equipment for this project includes a 9.5 ton bridge crane, direct digital control (DDC), bleachers, lockers, compressed air system, bay exhaust system, and a lube oil system. Special costs include a fire protection system, sustainable design, and crane structural support. Construction will also include security lighting and perimeter fencing, coiling overhead doors, and sloped metal roofing system supported by metal columns. Paving will include a concrete combat vehicle parking area, asphalt privately owned vehicle (POV) parking and supporting roads. The construction and siting will comply with DoD Anti-terrorism and Force Protection standards. All incidental electrical and mechanical requirements are to be included in construction. Demolish existing vehicle maintenance facility (7,358 square feet) and associated utilities.

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5.Program Element 0505096M	6.Category Code 17115	7.Project Number P532	8.Project Cost (\$000) 9,300	
11.Requirement: <u>3979m2</u> Adequate: <u>0m2</u> Substandard: <u>3979m2</u>				
PROJECT:				
This project constructs a Marine Corps Reserve Training Center and Vehicle Maintenance Facility for Company 'B', 4th Assault Amphibian Battalion.				
(Current Mission)				
REQUIREMENT:				
Currently, Company 'B' is located in two different facilities 25 miles apart. The existing administrative and classroom facilities for the Reserve Center are located in the Armed Forces Reserve Center (AFRC) at the Naval Air Station Jacksonville, FL. The remainder of the facilities, the Vehicle Maintenance Facility (VMF) and tactical vehicle parking, are located near the Naval Fuel Depot in Jacksonville. This project will build the new facilities at a site adjacent to the existing Vehicle Maintenance Facility, thereby consolidating the unit at one location and providing an adequate VMF that accommodates the Advanced Amphibious Assault Vehicle (AAAV). The mission of Company B is to land the surface assault elements of a landing force, including equipment, in a single lift from assault shipping during amphibious operations and to conduct mechanized operations and related combat support in subsequent operations ashore. The training required to accomplish this mission will be conducted at this Reserve Training Center and includes: Military Occupational Specialty Training, battle skills and essential subjects training, inspection preparation and Assault Amphibious Vehicle (AAV) operational training. This AAV training includes mechanized Operations, Gunnery, Surf operations and surf survival. Company B is also responsible for Vehicle Maintenance functions for the AAVs. To adequately train for its mission, Company B requires adequate and efficiently configured facilities.				
CURRENT SITUATION:				
The existing facilities are located on two sites approximately 25 miles apart. The administrative, locker, supply and classroom areas are located in the Armed Forces Reserve Center on NAS Jacksonville, FL. The Vehicle Maintenance, wash rack and tactical vehicle parking areas are located on 110 acres of Marine Corps owned property in Northern Jacksonville near the Naval Fuel Depot. The VMF site has training trails and a splash point for water operations and is ideally suited for training reservists on the AAV and the next generation assault amphibious vehicle, the AAAV; however, the existing VMF is undersized, rife with safety problems, and inefficient to sustain the unit's maintenance program. In addition to the problems associated with a split location, the administrative and training functions of Company B currently located in the AFRC do not have adequate space to conduct all classroom training of reservists. The AFRC is heavily used by 28 reserve units and cannot adequately support Company B during drill weekends. Use of the AFRC classrooms, drill hall and other joint use facilities must be scheduled well in advance; there is little flexibility to deal with conditions such as inclement weather which can impact the training schedule. The lack of classroom space has made it				

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5.Program Element 0505096M	6.Category Code 17115	7.Project Number P532	8.Project Cost (\$000) 9,300	

necessary to routinely conduct classroom training for weapons, tactics and basic skills outdoors; during inclement weather, this training is conducted in the maintenance bays of the VMF. Because classroom facilities are not available, audio visual aids cannot be used for these classes. In addition to the inadequate classroom facilities, the fact Company B is not located at one site is a logistics problem for both the active duty and reserve personnel. The 25 mile one-way commute between sites can take up to an hour one way, expending valuable training time and complicating coordination of training, administrative, and maintenance requirements. Co-locating the Administrative and classroom functions with the VMF would significantly improve Company B's ability to accomplish its mission by: reducing the amount of time spent in transit for both active duty and reservists; improving unit cohesiveness; providing more time for training; improving the ability of the senior staff and active duty personnel to oversee both facilities.

IMPACT IF NOT PROVIDED:

There will continue to be adverse impacts on Company B's ability to adequately train and retain reservists. Company B will continue to spend operating funds and man-hours intended for training on the commute between sites; reservists will continue to spend valuable training time commuting between the classrooms/armory and the AAVs at the Vehicle Maintenance Facility. As the Jacksonville area grows and traffic volume increases, the time spent in commute will also increase and the situation will worsen with more funds spent on commuting and less time spent training. Moreover, the next generation assault amphibious vehicle, the Advanced Amphibious Assault Vehicle, cannot be accommodated in the existing VMF.

12. Supplemental Data:

A. Estimated Design

1. Status:

(A) Date Design Start	082002
(B) Date Design 35% Complete	092004
(C) Date Design Completed	042005
(D) Percent Completed as of SEPTEMBER 2003	3%
(E) Percent Completed as of JANUARY 2004	3%
(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 Most Recently Used:	N/A

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3.Installation and Location/UIC: M45366 INSPECTOR/INSTRUCTOR STAFF COMBAT SUPPORT U JACKSONVILLE, FLORIDA		4.Project Title RESERVE TRAINING CENTER	
5.Program Element 0505096M	6.Category Code 17115	7.Project Number P532	8.Project Cost (\$000) 9,300
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 \$50 (E) In-House \$250 4. Contract Award 012005 5. Construction Start 042005 6. Construction Complete 082006			
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. 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: Captain Brian Briggs		Phone No: (504) 678-5749	

1. Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION				2. Date 02/18/04																																				
3. Installation and Location: N61920 NAVAL RESERVE CENTER ASHEVILLE, NORTH CAROLINA				4. Area Constr. Cost Index .87																																					
5. Frequency And Type Of Utilization Five days a week, plus three weekends a month.																																									
6. Other Active/Guard/Reserve Installations Within 15 Miles One Army Reserve Center One NC National Guard Armory																																									
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17115	JOINT RESERVE CENTER	1810 m2	3,492	12/2003	09/2004																																				
8. State Reserve Forces Facilities Board Recommendation Recommended approval.					16 Dec 2003 <hr style="width: 100px; margin: 0 auto;"/> (Date)																																				
9. Land Acquisition Required NO					0 <hr style="width: 100px; margin: 0 auto;"/> (Number of Acres)																																				
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13. Major Equipment and Aircraft																																									

1. Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 02/18/04
3. Installation and Location: N61920 NAVAL RESERVE CENTER ASHEVILLE, NORTH CAROLINA		4. Area Constr. Cost Index .87
Type	Authorized	Actual
14. Outstanding Pollution and Safety Deficiencies (\$000): a. Pollution Abatement (*): \$0 b. Occupational Safety and Health (OSH) (#): \$0		

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2.Date 18 FEB 2004
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3.Installation and Location/UIC: N61920 NAVAL RESERVE CENTER ASHEVILLE, NORTH CAROLINA	4.Project Title JOINT RESERVE CENTER
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5.Program Element 0805976N	6.Category Code 17115	7.Project Number P596	8.Project Cost (\$000) 3,492
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9.COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
JOINT RESERVE CENTER (19,483 SF)	m2	1,810		2490
RESERVE CENTER (19,483 SF)	m2	1,810	1,220.78	(2210)
TECHNICAL OPERATING MANUALS	LS			(50)
INFORMATION SYSTEMS	LS			(90)
ANTI-TERRORISM/FORCE PROTECTION	LS			(140)
SUPPORTING FACILITIES				640
ELECTRICAL UTILITIES	LS			(170)
MECHANICAL UTILITIES	LS			(180)
PAVING AND SITE IMPROVEMENTS	LS			(290)
SUBTOTAL				3130
CONTINGENCY (5%)				160
TOTAL CONTRACT COST				3290
SIOH (6%)				200
SUBTOTAL				3490
TOTAL REQUEST ROUNDED				3490
TOTAL REQUEST				3492

10.Description of Proposed Construction

Two story concrete and steel building addition with masonry exterior walls, pitched roof, concrete floors, and steel stud / gypsum board interior wall system. Generally, the interior finish to be painted gypsum walls, suspended ceiling, and vinyl tile floors. Parking area to be an asphalt concrete surface on a stabilized aggregate base. Technical manuals for all systems will be provided. Total area includes space for offices, classrooms, auditorium, locker rooms and fitness center, medical area, conference room, toilets and showers, library, storage, assembly hall, and garage. A heating, ventilating, and air conditioning (HVAC) system will be provided to support Administrative and Training requirements. Supporting facilities include roads, parking areas for privately owned vehicles, fencing, and utility services (water, sewer, electricity, natural gas, fire protection system, and telecommunications). Building will comply with Anti-Terrorism/Force Protection Standards. This project is a replacement for the present Naval Reserve Center.

11.Requirement: 1810m2 **Adequate:** 0m2 **Substandard:** 0m2

PROJECT:

This project will provide a Naval Reserve Center as part of an Armed Forces Reserve Center (collocated with the North Carolina Army National Guard), which will provide appropriate and adequate facilities in which to conduct training, recruiting, and administration of Naval Reservists for mobilization readiness.

(Current Mission)

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM			2.Date 18 FEB 2004
3.Installation and Location/UIC: N61920 NAVAL RESERVE CENTER ASHEVILLE, NORTH CAROLINA		4.Project Title JOINT RESERVE CENTER		
5.Program Element 0805976N	6.Category Code 17115	7.Project Number P596	8.Project Cost (\$000) 3,492	
<p>REQUIREMENT: Adequate and properly configured facilities complying with the Anti-terrorism / Force Protection requirements are required to support recruiting and training of Naval Reservists to qualify them to assume the duties of their mobilization billets and to provide adequate space for the administration of these reservists.</p> <p>CURRENT SITUATION: The present Naval Reserve Center is located on land leased from the City of Asheville, NC at \$1.00 per year with an expiration date of 30 June 2007. At the present center site, the existing buildings, constructed in 1948, occupy most of the usable portion of the site. There is not enough land to provide for parking or to satisfy the Anti-Terrorism/Force Protection requirements, and the topographic features of the adjoining property restrict purchasing additional usable land. Additionally, a letter received from Buncombe County dated 11 March 1999 indicated they were not interested in renewing the current lease past 30 June 2007.</p> <p>IMPACT IF NOT PROVIDED: This reserve center does not comply with the Anti-Terrorism/Force Protection 150 ft. stand-off requirement. Additionally, it will continue to have poorly configured space in facilities that have exceeded their economic life to properly train the assigned drilling reservists. In 2007, the reserve center will have no facilities for training since Buncombe County has indicated that they do not desire to renew the lease for the land.</p>				
12.Supplemental Data:				
A. Estimated Design				
1. Status:				
(A) Date Design Start				122003
(B) Date Design 35% Complete				052004
(C) Date Design Completed				092004
(D) Percent Completed as of	SEPTEMBER	2003		0%
(E) Percent Completed as of	JANUARY	2004		3%
(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 Most Recently Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$270
(A) Production of Plans and Specifications				\$200
(B) All other Design Costs				\$70

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM		2.Date 18 FEB 2004
3.Installation and Location/UIC: N61920 NAVAL RESERVE CENTER ASHEVILLE, NORTH CAROLINA		4.Project Title JOINT RESERVE CENTER	
5.Program Element 0805976N	6.Category Code 17115	7.Project Number P596	8.Project Cost (\$000) 3,492
(C) Total \$270 (D) Contract \$170 (E) In-House \$100 4. Contract Award 012005 5. Construction Start 042005 6. Construction Complete 042006 B. Equipment associated with this project which will be provided from other appropriations: None			
JOINT USE CERTIFICATION: The Director of Naval Reserve certifies that this project has been considered for joint use potential. Joint Use is recommended.			
Activity POC: Philip G. Dixon, PE, CFM		Phone No: 843-743-2605 ext. 11	

1. Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION				2. Date 02/18/04																																			
3. Installation and Location: N00158 NAVAL AIR STATION JOINT RESERVE BASE WILLOW GROVE, PENNSYLVANIA				4. Area Constr. Cost Index 1.08																																				
5. Frequency And Type Of Utilization FIVE DAYS A WEEK PLUS THREE WEEKENDS A MONTH.																																								
6. Other Active/Guard/Reserve Installations Within 15 Miles ONE MARINE (WOODHAVEN ROAD) ONE NAVY (NAVAL BASE PHILADELPHIA) TWO ARMY (BYBERRY ROAD AND WOODHAVEN ROAD)																																								
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74045	FITNESS CENTER	3154 m2	7,700	08/2002 08/2004																																				
8. State Reserve Forces Facilities Board Recommendation Installations identified in item 6 have been examined by the State Joint Reserve Component Facilities Board for possible joint use/expansion. The Board recommended approval of this project for unilateral construction. 31 Oct 2002 (Date)																																								
9. Land Acquisition Required NO 0 (Number of Acres)																																								
10. Projects Planned In Next Four Years																																								
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1.Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION		2.Date 02/18/04
3.Installation and Location: N00158 NAVAL AIR STATION JOINT RESERVE BASE WILLOW GROVE, PENNSYLVANIA			4.Area Constr. Cost Index 1.08
NR FP LEPSU 0193 NR FLTCOMCAMLANT 0293 NR FP LEPSU 0193 NR NAS KEFLAVIK 0393 NR NAVAIRSTA KEFLAVIK 0293 NR CV NORTHEAST 0293 NR RPWL MOCC 0293 NR NAVAIRLANT DET 293 NR NAS KEFLAVIK 0193 NR CMSRF SIXTH FLT 0193 PATRON 64 PATRON 66 FLELOGSUPPRON 52 COMNAVRESPATWING SSB2 SUPPLOGINFO CO NR 4 MAW MWSS 474 (-) NR 4 MAW MED MAG 49 NR MOBASCONTGRP 9393 NR SECGRU FT DIX NR COMUSFOR AZORES 0193 NR VOLTRAUNIT 9393 NR NAWC AD 0193 NR NAS PAX 0193 NR VTU AIRSYSCOM 0493 NR NAVAIRSYSCOM 0993 NR JNT FOR CMD INTEL 0393 NR DIAHQ 0593 NR DIAHQ 0602 NR VTU INTELLIGENCE 0104 NNMC BETHESDA DET A NR NMORA WILLOW GROVE 1193 MCR 4MAW MED MAG49 MCR MAG 49	34 2 34 139 138 116 25 14 105 23 221 227 194 143 37 3 25 1 39 22 0 30 45 0 9 141 21 15 0 45 32 37 932	37 23 37 47 89 126 19 22 56 22 164 165 147 97 16 2 27 1 37 15 74 22 45 0 7 163 28 23 12 27 20 24 932	
13. Major Equipment and Aircraft			
Type C-9B P-3C CH-53E C-12B	Authorized 4 16 8 3	Actual 3 16 8 3	

1.Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2.Date 02/18/04
3.Installation and Location: N00158 NAVAL AIR STATION JOINT RESERVE BASE WILLOW GROVE, PENNSYLVANIA		4.Area Constr. Cost Index 1.08
14. Outstanding Pollution and Safety Deficiencies (\$000): a. Pollution Abatement (*): \$0 b. Occupational Safety and Health (OSH) (#): \$0		

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2.Date 18 FEB 2004
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3.Installation and Location/UIC: N00158 NAVAL AIR STATION JOINT RESERVE BASE WILLOW GROVE, PENNSYLVANIA	4.Project Title FITNESS CENTER
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5.Program Element 0805176N	6.Category Code 74043	7.Project Number P237	8.Project Cost (\$000) 7,700
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9.COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
FITNESS CENTER (33,949 SF)	m2	3,154		5990
INDOOR FITNESS CENTER (33,949 SF)	m2	3,154	1,882.17	(5940)
TECHNICAL OPERATING MANUALS	LS			(10)
ANTI-TERRORISM/FORCE PROTECTION	LS			(40)
SUPPORTING FACILITIES				690
ELECTRICAL UTILITIES	LS			(40)
MECHANICAL UTILITIES	LS			(80)
PAVING AND SITE IMPROVEMENTS	LS			(90)
DEMOLITION	LS			(480)
SUBTOTAL				6680
CONTINGENCY (5%)				330
TOTAL CONTRACT COST				7010
SIOH (6%)				420
SUBTOTAL				7430
DESIGN/BUILD - DESIGN COST				270
TOTAL REQUEST ROUNDED				7700
TOTAL REQUEST				7700

10.Description of Proposed Construction

Construct a modified standard design physical fitness center with a gymnasium, indoor courts, exercise and training rooms, locker and shower rooms, first-aid station and fitness center administration space. Supporting facilities include fire protection and alarm systems, and information systems. Heating provided by the existing central boiler plant and hot water provided by natural gas fired heater. Demolition of Building 2 (2,644 m2) is included.

11.Requirement: 3154m2 **Adequate:** 0m2 **Substandard:** 0m2

PROJECT:

Constructs a physical fitness center.
(Current Mission)

REQUIREMENT:

This project is required to provide an adequate athletic facility to support the physical readiness of active and reserve military personnel attached to the station, as well as dependents, retirees, and authorized civilians.

CURRENT SITUATION:

The existing fitness center is located within an old wood frame building, constructed in 1942, which is inadequate in both size and physical condition. The facility is visibly and functionally obsolete with many building safety code deficiencies. It cannot accommodate the number of personnel using it in a safe and healthy manner. Exercise machines are crowded together creating unsafe conditions. Overloaded electrical and mechanical systems impact the use of the facility and result in excessive maintenance

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2.Date 18 FEB 2004
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3.Installation and Location/UIC: N00158 NAVAL AIR STATION JOINT RESERVE BASE WILLOW GROVE, PENNSYLVANIA	4.Project Title FITNESS CENTER
---	-----------------------------------

5.Program Element 0805176N	6.Category Code 74043	7.Project Number P237	8.Project Cost (\$000) 7,700
-------------------------------	--------------------------	--------------------------	---------------------------------

costs. The existing building is constructed over a dirt floor crawl space contaminated with asbestos. Over the years, piping system (steam and water) leaks in the crawl space have created a damp environment for wood framing members. This, in turn, has deteriorated the wood floor joists, floor sheathing, and sill plates. Piping systems in the crawl space are also equally affected.

IMPACT IF NOT PROVIDED:

If this project is not provided, personnel will continue to use an inadequate facility and be subjected to unsafe and unhealthy conditions. This will result in a decline in the physical readiness of military personnel, reduced morale, and the inability to retain qualified personnel in the military. In addition, without a new facility the high costs of maintaining and operating the existing 1942 vintage wood frame building will continue.

12.Supplemental Data:

A. Estimated Design

1. Status:

(A) Date Design Start	082002
(B) Date Design 35% Complete	092004
(C) Date Design Completed	042005
(D) Percent Completed as of SEPTEMBER 2003	3%
(E) Percent Completed as of JANUARY 2004	3%
(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 Most Recently Used:	NAS Oceana

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	\$250
(E) In-House	\$50

4. Contract Award	012005
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5. Construction Start	042005
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6. Construction Complete	082006
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B. Equipment associated with this project which will be provided from other appropriations: None

JOINT USE CERTIFICATION:

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM		2.Date 18 FEB 2004
3.Installation and Location/UIC: N00158 NAVAL AIR STATION JOINT RESERVE BASE WILLOW GROVE, PENNSYLVANIA		4.Project Title FITNESS CENTER	
5.Program Element 0805176N	6.Category Code 74043	7.Project Number P237	8.Project Cost (\$000) 7,700

The Director of Naval Reserve 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: John DiBuono

Phone No: 215-443-6235

1. Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION				2. Date 02/18/04																																			
3. Installation and Location: N63438 NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA				4. Area Constr. 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 Ft. Eustis, Langley AFB, NOB Norfolk, NAB Little Creek, NWS Yorktown, NAS Oceana, HMM-774 MAG-42, 4th MAW																																								
7. Projects Requested In This Program																																								
<table border="1"> <thead> <tr> <th colspan="2"><u>Category</u></th> <th></th> <th><u>Cost</u></th> <th colspan="2"><u>Design Status</u></th> </tr> <tr> <th><u>Code</u></th> <th><u>Project Title</u></th> <th><u>Scope</u></th> <th><u>(\$000)</u></th> <th><u>Start</u></th> <th><u>Complete</u></th> </tr> </thead> <tbody> <tr> <td>21440</td> <td>VEHICLE MAINTENANCE FAC</td> <td>637 m2</td> <td>3,290</td> <td>08/2002</td> <td>04/2005</td> </tr> </tbody> </table>						<u>Category</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>	21440	VEHICLE MAINTENANCE FAC	637 m2	3,290	08/2002	04/2005																	
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8. State Reserve Forces Facilities Board Recommendation Installations identified in item 6 have been examined by the State Joint Reserve Component Facilities Board for possible joint use/expansion. The Board recommended approval of this project for unilateral construction. 11 Apr 2003 (Date)																																								
9. Land Acquisition Required NO 0 (Number of Acres)																																								
10. Projects Planned In Next Four Years																																								
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11. Personnel Strength As Of 30-SEP-03																																								
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1.Component NAVY	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION		2.Date 02/18/04
3.Installation and Location: N63438 NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA		4.Area Constr. Cost Index .94	
MCR MAG 49 Alpha Company, 4th AA Bn Headquarters Det, 4th AA Bn PWST, Alpha Company, 4th AA Bn	932 164	932 159	
13. Major Equipment and Aircraft			
Type	Authorized	Actual	
AAVP7A1	14	14	
AAVC7A1	1	1	
AAVR7A1	1	1	
5-TON	3	3	
HMMWV	5	5	
TRAILER, CARGO	1	1	
QUADCON	15	15	
14. Outstanding Pollution and Safety Deficiencies (\$000):			
a. Pollution Abatement (*): \$0			
b. Occupational Safety and Health (OSH) (#): \$0			

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2.Date 18 FEB 2004
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3.Installation and Location/UIC: N63438 NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA	4.Project Title VEHICLE MAINTENANCE FACILITY
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5.Program Element 0505096M	6.Category Code 21410	7.Project Number P041	8.Project Cost (\$000) 3,290
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9.COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
VEHICLE MAINTENANCE FACILITY (6,857 SF)	m2	637		1690
COMBAT VEHICLE MAINTENANCE FACILITY (6,857 SF)	m2	637	1,762.82	(1120)
BUILT-IN EQUIPMENT	LS			(200)
TECHNICAL OPERATING MANUALS	LS			(20)
INFORMATION SYSTEMS	LS			(30)
ANTI-TERRORISM/FORCE PROTECTION	LS			(30)
SPECIAL COSTS	LS			(290)
SUPPORTING FACILITIES				1170
SPECIAL FOUNDATION FEATURES	LS			(60)
ELECTRICAL UTILITIES	LS			(180)
MECHANICAL UTILITIES	LS			(30)
PAVING AND SITE IMPROVEMENTS	LS			(900)
SUBTOTAL				2860
CONTINGENCY (5%)				140
TOTAL CONTRACT COST				3000
SIOH (6%)				180
SUBTOTAL				3180
DESIGN/BUILD - DESIGN COST				110
TOTAL REQUEST ROUNDED				3290
TOTAL REQUEST				3290

10.Description of Proposed Construction

The vehicle maintenance facility will be a single story steel framed structure with concrete pile foundation, concrete slab, brick veneer on concrete masonry unit (CMU) walls, standing seam metal roofing system and overhead coil doors. The facility will include high bay compartments, tool room, battery room, fire protection system, deluge shower and eyewash, administrative office, technical library, and restrooms. Built-in equipment includes a 9.5 ton bridge crane, built-in vehicle exhaust system, compressed air and lube systems. Special costs include sustainable design and crane structural support. The construction of this project will provide for Anti-terrorism and Force Protection in accordance with DoD standards. Construction will also include a pile foundation, site security lighting, perimeter fencing, and heavy duty concrete paved parking area. Technical operation manuals will be provided.

11.Requirement: 637m2 **Adequate:** 0m2 **Substandard:** 637m2

PROJECT:

The project will replace an unsafe and undersized facility, and provide an adequate Advanced Amphibious Assault Vehicle (AAAV) Training and Maintenance Facility for the 4th AA Battalion.

(Current Mission)

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM			2.Date 18 FEB 2004
3.Installation and Location/UIC: N63438 NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA		4.Project Title VEHICLE MAINTENANCE FACILITY		
5.Program Element 0505096M	6.Category Code 21410	7.Project Number P041	8.Project Cost (\$000) 3,290	

REQUIREMENT:

This project will enhance the unit's ability to sustain an effective maintenance program for its current organic assets in support of its operational mission, and provide an adequate facility for the next generation of Amphibious Assault Vehicles (AAV), the Advanced Amphibious Assault Vehicle (AAAV). The mission of Company 'A' is to land the surface assault elements of a landing force, including equipment, in a single lift from amphibious shipping during amphibious operations and to conduct mechanized operations and related combat support in subsequent operations ashore. The current Vehicle Maintenance Facility will not safely support maintenance of the present Amphibious Assault Vehicle (AAV), nor will it support the next generation, the AAAV. In order to adequately train on and maintain the vehicle, Company 'A' requires an adequate Vehicle Maintenance Facility that will accommodate the current AAV and the next generation, the AAAV (currently scheduled for delivery in a one for one switch during the transitional period of 2008 - 2012).

CURRENT SITUATION:

Company A, 4th AA Battalion, 4th MARDIV is located aboard Naval Amphibious Base (NAB) Little Creek, Virginia. The current maintenance facility is 38 years old, and cannot support any vehicle in the current inventory except HMMWVs. This is the only vehicle that can enter the building for maintenance, as the vehicle doors are inadequately sized to allow access for any larger equipment. The thin concrete floor of the facility has settlement problems and could not safely support the weight of the AAVs, nor the 5 ton trucks that should be maintained in the facility, if they were able to pass through the doors. The depth of the building is not sufficient to allow personnel to traverse around the other vehicles, if they could enter the building. The overhead crane is no longer safety rated. The previously rated capacity is insufficient to support the current requirements. Also, the crane is mounted too low, and on a fixed rail system, restricting mobility throughout the bays. These problems force the Marines to do most motor transport maintenance outside in the weather. The concrete ramp leading up to the bay doors has a steep incline and a 3 to 4 inch vertical separation between concrete slabs which causes problems with forklift maneuverability. The electrical wiring is substandard, the circuit breakers are continuously tripped and extension cords overloaded. The facility does not allow mechanics a safe working environment or the tools to maintain mission readiness. These deficiencies will be exacerbated by delivery of the new AAAV vehicles.

IMPACT IF NOT PROVIDED:

This facility is required to train reserve Marines to augment the active duty forces and maintain the AAVs in combat condition. Without the appropriate facilities and spaces to support the training, this primary mission will continue to feel the adverse effects of these inefficiencies, compromising mission accomplishment and operational readiness. The Marines will continue to put more effort into an increasingly inefficient maintenance program. The maintenance and repair operations will continue to be hampered, especially

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2.Date 18 FEB 2004
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3.Installation and Location/UIC: N63438 NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA	4.Project Title VEHICLE MAINTENANCE FACILITY
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5.Program Element 0505096M	6.Category Code 21410	7.Project Number P041	8.Project Cost (\$000) 3,290
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during inclement weather. Training time will continue to be reduced to offset inefficient maintenance. Mission will continue to be degraded further and a safety mishap will eventually occur. Additionally, because the overhead crane cannot be used for engine and transmission removal inside the building, Marines will have to continue using less safe portable equipment, as field-expedient measures, to pull the engines.

12. Supplemental Data:

A. Estimated Design

1. Status:

(A) Date Design Start	082002
(B) Date Design 35% Complete	092004
(C) Date Design Completed	042005
(D) Percent Completed as of SEPTEMBER 2003	3%
(E) Percent Completed as of JANUARY 2004	3%
(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
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(B) Where Design Was Most Recently Used:

3. Total Cost (C) = (A) + (B) = (D) + (E) :	\$240
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(A) Production of Plans and Specifications	\$200
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(B) All other Design Costs	\$40
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(C) Total	\$240
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(D) Contract	\$40
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(E) In-House	\$200
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4. Contract Award	012005
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5. Construction Start	042005
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6. Construction Complete	042006
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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. 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

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM		2.Date 18 FEB 2004
3.Installation and Location/UIC: N63438 NAVAL AND MARINE CORPS RESERVE CENTER NORFOLK, VIRGINIA		4.Project Title VEHICLE MAINTENANCE FACILITY	
5.Program Element 0505096M	6.Category Code 21410	7.Project Number P041	8.Project Cost (\$000) 3,290

to support this mission.

Activity POC: Captain Brian Briggs

Phone No: 504-678-5749

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2.Date 18 FEB 2004
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3.Installation and Location/UIC: N64480 PLANNING/DESIGN VARIOUS LOCATIONS WASHINGTON, DISTRICT OF COLUMBIA	4.Project Title PLANNING AND DESIGN
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5.Program Element 0901211N	6.Category Code	7.Project Number P505	8.Project Cost (\$000) 1,503
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9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
PLANNING AND DESIGN	LS			1500
PLANNING AND DESIGN	LS			(1500)
SUBTOTAL				1500
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				1500
SIOH (0%)				0
SUBTOTAL				1500
TOTAL REQUEST ROUNDED				1500
TOTAL REQUEST				1503

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

1. Status:

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM		2.Date 18 FEB 2004
3.Installation and Location/UIC: N64480 PLANNING/DESIGN VARIOUS LOCATIONS WASHINGTON, DISTRICT OF COLUMBIA		4.Project Title PLANNING AND DESIGN	
5.Program Element 0901211N	6.Category Code	7.Project Number P505	8.Project Cost (\$000) 1,503

(A) Date Design Start
(B) Date Design 35% Complete
(C) Date Design Completed
(D) Percent Completed as of SEPTEMBER 2003
(E) Percent Completed as of JANUARY 2004
(F) Type of Design Contract
(G) Parametric Estimate used to develop cost N/A
(H) Energy study/Life cycle analysis performed

2. Basis:

(A) Standard or Definitive Design:

(B) Where Design Was Most Recently Used:

3. Total Cost (C) = (A) + (B) = (D) + (E) : \$0

(A) Production of Plans and Specifications

(B) All other Design Costs

(C) Total \$0

(D) Contract

(E) In-House

4. Contract Award

5. Construction Start

6. Construction Complete

B. Equipment associated with this project which will be provided from other appropriations: None

JOINT USE CERTIFICATION:

N/A

Activity POC: CDR Erika Sahler

Phone No: (703)-601-1631