DEPARTMENT OF THE NAVY

Fiscal Year (FY) FY 2011

BUDGET ESTIMATES

FY 2011 Program

MILITARY CONSTRUCTION

NAVY AND MARINE CORPS RESERVE PROGRAM

JUSTIFICATION DATA
Submitted to Congress
February 2010

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DEPARTMENT OF THE NAVY
FY 2011 Military Construction, Navy and Marine Corps Reserve Program

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DEPARTMENT OF THE NAVY
FY 2011 Military Construction, Navy and Marine Corps Reserve Program
Summary of Locations

State/Country	Auth of Approp Request	Approp Request
Inside The United States		
CALIFORNIA	5,991	5,991
LOUISIANA	16,281	16,281
VIRGINIA	21,346	21,346
WASHINGTON	13,844	13,844
Subtotal	**57,462**	**57,462**
Various Locations		
Various Locations	4,095	4,095
Subtotal	**4,095**	**4,095**
Total - FY 2011 Military Construction Program	**61,557**	**61,557**

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DEPARTMENT OF THE NAVY
FY 2011 Military Construction, Navy and Marine Corps Reserve Program
Index of Locations for Navy and Marine Corps Projects

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DEPARTMENT OF THE NAVY
FY 2011 Military Construction, Navy and Marine Corps Reserve Program
Index of Locations for Marine Corps Projects

State/ Cntry	Proj No.	Location	Auth of Request	Approp Request	Mission	Page No.
		Inside the United States				
CALIFORNIA						
		MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA				
	092	Tank Vehicle Maintenance Facility	5,991	5,991	Current	3
		Subtotal	5,991	5,991		
		Total - CALIFORNIA	**5,991**	**5,991**		
WASHINGTON						
		HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE YAKIMA, WASHINGTON				
	060	Marine Corps Reserve Center	13,844	13,844	Current	25
		Subtotal	13,844	13,844		
		Total - WASHINGTON	**13,844**	**13,844**		
		Total - Inside The United States	**19,835**	**19,835**		

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DEPARTMENT OF THE NAVY
FY 2011 Military Construction, Navy and Marine Corps Reserve Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
Inside the United States				
CALIFORNIA				
MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA	092	Tank Vehicle Maintenance Facility	5,991	Current
LOUISIANA				
NAS JRB NEW ORLEANS LA BELLE CHASSE, LOUISIANA	477	Construct Joint Air Traffic Control Facility	16,281	Current
VIRGINIA				
NAVAL WEAPONS STATION YORKTOWN WILLIAMSBURG, VIRGINIA	743	Navy Ord Cargo Logistics Training Complex	21,346	Current
WASHINGTON				
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE YAKIMA, WASHINGTON	060	Marine Corps Reserve Center	13,844	Current
Various Locations				
VARIOUS LOCATIONS				
Various Locations	511	Planning and Design	1,857	Current
Various Locations	311	Unspecified Minor Construction	2,238	Current

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FY 2011 Military Construction, Navy and Marine Corps Reserve Program
Installation Index

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DEPARTMENT OF THE NAVY
FY 2011 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, [$125,874,000] $61,557,000 to remain available until September 30, [2014] 2015.

SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2010 appropriations shown in brackets.

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DEPARTMENT OF THE NAVY
FY 2011 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	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		01 FEB 2010

3. Installation and Location: M67399
MARINE CORPS BASE TWENTYNINE PALMS
TWENTYNINE PALMS, CALIFORNIA

4. Area Const Cost Index
1.28

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

Cat Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
21410	Tank Vehicle Maintenance Facility	2588 m2	5,991	08/2009	10/2010

8. State Reserve Forces Facilities Board Recommendation
Approved for Unilateral Construction.
15 Mar 2008 (Date)

9. Land Acquisition Required
NO
(No. of Acres)

10. Projects Planned In Next Four Years

P No	Title	PY	Scope	Cost ($000)
	None			

R&M Unfunded Requirement ($000):

11. Personnel Strength

As Of 09-30-2009	PERMANENT TOTAL	PERMANENT OFF	PERMANENT ENL	PERMANENT CIV	GUARD/RESERVE TOTAL	GUARD/RESERVE OFF	GUARD/RESERVE ENL
Authorized:	11	1	10	0	104	5	99
Actual:	11	1	10	0	111	3	108

12. Reserve Unit Data

Unit Designation	Strength Authorized	Strength Actual
Delta Company 4th Tank Battalion	104	111

13. Major Equipment and Aircraft

Type	Authorized	Actual
D0198 Truck Cargo	4	4
D0860 Trailer Cargo	1	1
D0880 Trailer Tank	2	2
D1158 Truck Utility	6	6
E1378 Recovery Vehicle, Full Tracked	2	1
E1888 Tank Combat Full Tracked	14	8

14. Outstanding Pollution and Safety Deficiencies ($000):
a. Pollution Abatement (*): 0
b. Occupational Safety and Health (OSH) (#): 0

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1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: M67399	4. Project Title
MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA	Tank Vehicle Maintenance Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0515096M	21410	P092	5,991

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost($000)
TANK VEHICLE MAINTENANCE FACILITY (27,857 SF)	m2	2,588		4,250
VEHICLE HOLDING SHED (7,201 SF)	m2	669	926.2	(620)
WASH RACK (807 SF)	m2	75	1,112.2	(80)
TANK VEHICLE MAINT FACILITY (6,351 SF)	m2	590	4,403.15	(2,600)
TANK PARKING (13,498 SF)	m2	1,254	134.46	(170)
ANTI-TERRORISM/FORCE PROTECTION	LS			(30)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(30)
SPECIAL COSTS	LS			(70)
BUILT-IN EQUIPMENT	LS			(530)
LEED AND EPACT 2005 COMPLIANCE	LS			(120)
SUPPORTING FACILITIES				960
PAVING AND SITE IMPROVEMENTS	LS			(320)
SITE PREPARATIONS	LS			(160)
ELECTRICAL UTILITIES	LS			(300)
MECHANICAL UTILITIES	LS			(140)
SPECIAL FOUNDATION FEATURES	LS			(40)
SUBTOTAL				5,210
CONTINGENCY (5%)				260
TOTAL CONTRACT COST				5,470
SIOH (5.7%)				310
SUBTOTAL				5,780
DESIGN/BUILD - DESIGN COST				210
TOTAL REQUEST ROUNDED				5,990
TOTAL REQUEST				5,991
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(120)

10. Description of Proposed Construction:

The vehicle maintenance facility will be a single-story steel framed structure with concrete foundation, concrete floor, masonry walls, sloped metal roofing, fire protection system, high bay compartments, tool room, parts room, conditioned office spaces, restrooms, mezzanine storage,

heating, ventilation and electrical and mechanical utilities. Built-in equipment includes a compressed air system, vehicle lube system, vehicle exhaust system and a bridge crane with crane rails.

Construct shade structure for wheeled and tracked vehicle parking. Shade shelters shall be free standing, cantilevered, steel structures, open on all sides and covered with a metal roof. The structures will be equipped with outlets and lighting. Project includes a hazardous material pad and modular container pads. Construct a wash rack for wheeled and tracked vehicles with an oil/water separator.

Project includes operation and maintenance support information. Information system includes fiber optic and telephone wiring. Anti-terrorism Force Protection (AT/FP) measures include laminated window glazing, enhanced window and door frames, emergency air distribution shut off, and mass notification. Special costs include seismic and crane structural support. Electrical utilities include exterior lighting and distribution, fiber optics, transformer, and direct digital controls. Mechanical utilities include water and sewer utilities and energy management system controls. Paving and site improvements include site preparation, sidewalks, fencing and gates, asphalt parking, landscaping, irrigation, storm drainage, and storm water pollution measures and prevention plan. The project will conform to AT/FP standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.

11. Requirement: 2588 m2 **Adequate:** **Substandard:**

PROJECT:

The project constructs a new Marine Corps Reserve (MCR) combat Vehicle Maintenance Facility (VMF), vehicle holding shed, tactical vehicle parking area, wash racks, and security fences at Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms, CA for Company D, 4th Tank Battalion.

(Current Mission)

REQUIREMENT:

This project was necessitated due to the dilapidated conditions and lack of adequate facilities for Tank training and maintenance at the existing Navy and MCR Center Moreno Valley, California. Company D uses temporary facilities at Marine Corps Base (MCB) Camp Pendleton as there are no tank training ranges within close proximity to the Reserve Training Center (RTC), and the unit currently maintains its vehicles at a the temporary facility which is approximately 70 miles away. Adequate, modern, permanent facilities will enable Company D to support their mission.

8. Project Cost ($000)

Without adequate facilities or efficient access to training areas, Company D's mission readiness is degraded.

CURRENT SITUATION:

This project is the second phase of a two-phase project and will construct a new VMF. The first phase, an RTC, project FY07, P091 Reserve Training Center, was completed at MCAGCC Twentynine Palms, CA in 2008. The unit currently maintains its vehicles at a VMF located at MCB Camp Pendleton, approximately 95 miles away. With the limited mobile training ranges at MCB Camp Pendleton, the unit is conducting most of its training at MCAGCC Twentynine Palms, CA. The distance between the RTC in and the VMF in MCB Camp Pendleton, result in logistical constraints, lost man-hours commuting, and high operating costs.

IMPACT IF NOT PROVIDED:

The ability of Company D to adequately train and retain reservists will continue to be adversely impacted by the existing conditions under which training is currently conducted. The facilities will continue to deteriorate, require exorbitant funds to repair and maintain, remain inadequate in size and configuration, and fail to meet minimum AT/FP standards. Additionally, the unit will continue spending operating funds and man-hours commuting between the RTC in MCAGCC Twentynine Palms and VMF in MCB Camp Pendleton instead or being co-located at MCAGCC Twentynine Palms and adjacent training areas.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:	
(A) Date design or Parametric Cost Estimate started	08/2009
(B) Date 35% Design or Parametric Cost Estimate complete	03/2010
(C) Date design completed	10/2010
(D) Percent completed as of September 2009	5%
(E) Percent completed as of January 2010	20%
(F) Type of design contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	Yes
2. Basis:	
(A) Standard or Definitive Design	No
(B) Where design was previously used	N/A
3. Total Cost (C) = (A) + (B) = (D) + (E):	
(A) Production of plans and specifications	$450
(B) All other design costs	$372
(C) Total	$822
(D) Contract	$422
(E) In-house	$400

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: M67399	4. Project Title
MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA	Tank Vehicle Maintenance Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0515096M	21410	P092	5,991

4. Contract award: 12/2010
5. Construction start: 02/2011
6. Construction complete: 02/2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost ($000)
Collateral Equipment	O&MMCR	2012	50
NGEN support	O&MMCR	2012	40
Telephone equipment	O&MMCR	2012	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 reviewed this project on 15 Mar 2006 for joint use potential. That board determined that unilateral construction was the best alternative. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.

Activity POC: Mr. Craig Monroe Phone No:504-678-5749

1. Component	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		01 FEB 2010

3. Installation and Location: N00206
NAS JRB NEW ORLEANS LA
BELLE CHASSE, LOUISIANA

4. Area Const Cost Index
.96

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 Navy (Naval Support Activity)
One Army Reserve (Lakefront)
One Army (Army Corps of Engineers)
Two Louisana Army National Guard (Jackson Barracks, Lakefront Airport)
One Louisana Air National Guard (Jackson Barracks)

7. Projects Requested In This Program

Cat Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
14170	Construct Joint Air Traffic Control Facility	1624 m2	16,281	03/2009	06/2010

8. State Reserve Forces Facilities Board Recommendation — 26 Mar 2008 (Date)
Facilities identified in item 6 have been examined by the State Reserve Forces Facilities board for possible joint use/expansion. Revalidated and approved by the state reserve forces facilities board.

9. Land Acquisition Required — 0 (No. of Acres)
N/A

10. Projects Planned In Next Four Years

P No	Title	PY	Scope	Cost ($000)
470	CONSTRUCT BEQ	2013	884 M2	4,200
475	RELOCATE MAIN GATE	2014	94 M2	3,960
480	CONSTRUCT PERIMETER ROAD	2014	55529 M2	6,920

R&M Unfunded Requirement ($000):

11. Personnel Strength

As Of 09-30-2009	PERMANENT TOTAL	PERMANENT OFF	PERMANENT ENL	PERMANENT CIV	GUARD/RESERVE TOTAL	GUARD/RESERVE OFF	GUARD/RESERVE ENL
Authorized:	2371	125	1259	987	3551	672	2879
Actual:	2288	115	1186	987	3348	675	2673

12. Reserve Unit Data

Unit Designation	Strength Authorized	Strength Actual
159 FIGHTER WING	978	998
926 FIGHTER WING	934	905
FLELOGSUPPRON 54	153	110
HMLA 775 DET A	50	84
MALS-42 DET C	28	21
MWHS-4	120	103
NR 4MAW MED MAG 46 DET B	17	15
NR ABFC MMF "H"	123	81
NR AIC 1379	43	41
NR ATC 1209	33	33
NR ATLANTIC INTEL CMD 1182	75	70

NR CARRIER GROUP 0282	44	34
NR CVN DET 0482	132	105
NR FLEET AIR MED 1082	37	22
NR JIC TRNAS 0182	20	8
NR NAS NEW ORLEANS 3682	58	46
NR NAS NOLA MED/DEN 0182	28	24
NR NAS PENSACOLA DET 0882	45	38
NR NCIS 2182	16	14
NR NMORA HQ 0282	13	8
NR NMORA NEW ORLEANS 1482	28	23
NR SECGRU NOLA	25	24
NR TACSUPPCEN 682	22	21
NR TRAWING 1 DET 182	21	18
NR TRAWING 5 DET 282	40	40
NR TRAWING 6 DET 382	20	18
NR VAW 77	95	87
NR VTU 8282	0	56
NR VTU INTELLIGENCE 0123	0	8
NR VTU INTELLIGENCE 109	0	19
NTMOD NEW ORLEANS	32	23
PATRON 94	267	200
RECORDS REVIEW NAS NOLA	0	5
STRIKE FITRON 204	149	116

13. Major Equipment and Aircraft

Type	Authorized	Actual
A-10 (926FW-AFRES)	17	16
AH-1W (HMLA 775 DET A)	7	7
C-130H (159FW-LAANG)	1	1
C-130T (VR-54)	4	7
E-2C (VAW 77)	6	6
F-15A (159FW-LAANG)	14	17
F-15B (159FW-LAANG)	1	2
FA-18 (VFA 204 - NAS, JRB, NEW ORLEANS)	12	12
P-3C (VP-94)	6	6
UC-12B (MWHS-4)	2	2
UC-12B (NAS, JRB, NEW ORLEANS)	1	2
UC-35 (MWHS-4)	1	1
UH-1N (HMLA 775 DET A)	5	5

14. Outstanding Pollution and Safety Deficiencies ($000):

a. Pollution Abatement (*):	0
b. Occupational Safety and Health (OSH) (#):	0

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N00206	4. Project Title
NAS JRB NEW ORLEANS LA BELLE CHASSE, LOUISIANA	Construct Joint Air Traffic Control Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0212176N	14170	P477	16,281

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost($000)
CONSTRUCT JOINT AIR TRAFFIC CONTROL FACILITY (17,481 SF)	m2	1,624.04		11,260
AIR TRAFFIC CONTROL TOWER (4,981 SF)	m2	462.75	10,150	(4,700)
RADAR AIR TRAFFIC CONTROL FACILITY (12,500 SF)	m2	1,161.29	3,995	(4,640)
BUILT-IN EQUIPMENT	LS			(750)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(140)
SPECIAL COSTS	LS			(140)
ANTI-TERRORISM/FORCE PROTECTION	LS			(430)
INFORMATION SYSTEMS	LS			(310)
LEED AND EPACT 2005 COMPLIANCE	LS			(150)
SUPPORTING FACILITIES				2,890
ENVIRONMENTAL MITIGATION	LS			(180)
PAVING AND SITE IMPROVEMENTS	LS			(230)
PARTIALLY RENOVATE BUILDING 1	LS			(450)
MECHANICAL UTILITIES	LS			(50)
SPECIAL FOUNDATION FEATURES	LS			(860)
ELECTRICAL UTILITIES	LS			(380)
SITE PREPARATIONS	LS			(370)
DEMOLITION	LS			(370)
SUBTOTAL				14,150
CONTINGENCY (5%)				710
TOTAL CONTRACT COST				14,860
SIOH (5.7%)				850
SUBTOTAL				15,710
DESIGN/BUILD - DESIGN COST				570
TOTAL REQUEST ROUNDED				16,280
TOTAL REQUEST				16,281
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(8,750)

10. Description of Proposed Construction:

This project constructs a Radar Air Traffic Control Facility (RATCF) with an attached seven story Air Traffic Control Tower (ATCT). This facility

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N00206	4. Project Title
NAS JRB NEW ORLEANS LA BELLE CHASSE, LOUISIANA	Construct Joint Air Traffic Control Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0212176N	14170	P477	16,281

will support a Joint Use operation including the Navy Reserve, Marines Reserve, Coast Guard and Louisiana Air National Guard. These facilities will be pile-supported, steel frame with masonry exterior. The project includes Heating, Ventilation and Air Conditioning (HVAC), fire protection and pump, mechanical and electrical utilities as required for the installation of new Air Traffic Control equipment, computer flooring, telephone and fiber optics, lighting, paving, parking area, and site improvements. Also included is the relocation and extension of utilities including electrical, telecommunications, security ducts, water, sewer and gas lines. Re-route closed circuit television duct and extend runway lighting wiring around the proposed facility. Built-in equipment includes an emergency generator, uninterruptible power supply, computer room grounding systems, equipment for electronic ground and a lightning protection system. The existing control tower cab (top story) will be removed along with all attached antennas, railings, and pertinent portions of the external access ladders. A new roof will be provided over the demolition area and the necessary roof support structure where the cab is removed shall be provided. The roof shall match the existing metal roof. The existing parking lot will be demolished along with several vacant building structures. Wetlands mitigation will be provided.

11. Requirement: 1624 m2 **Adequate:** **Substandard:**

PROJECT:

This project constructs a seven level ATCT (including the cab) that will provide day and night visual and instrumental operations and a RATCF. The new tower will be equipped with National Airspace System Modernization (NASMOD) equipment. The project also includes demolition of the existing parking lot and several ancillary vacant buildings. Once the operational capabilities of NASMOD equipment has been approved by the Federal Aviation Administration (FAA), operations will be transferred to the new tower from the old tower and the old tower cab on the top floor will be demolished. Demolition of the cab will consist of cab removal and capping the tower with a roof structure at the top of the floor below the cab. The existing building that the tower currently is attached will remain and the interior will be partially renovated to the most efficient use of space for ground electronics.

(Current Mission)

REQUIREMENT:

The Naval Air Station Joint Reserve Base New Orleans requires air operations in support of fixed wing and rotary wing for Navy Reserve, Marines Reserve, Coast Guard, the Louisiana Air National Guard, and transient aircraft.

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N00206	4. Project Title
NAS JRB NEW ORLEANS LA BELLE CHASSE, LOUISIANA	Construct Joint Air Traffic Control Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0212176N	14170	P477	16,281

The proposed control tower will provide a single point controller observation, capability of 360 degrees in azimuth and 45 minutes (optimal) 35 minutes (minimum) in elevation relative to obstruction for air operations on runway 04/22 and crosswind runway 14/32.

The RATCF will provide operational support spaces for the radar branch to provide air traffic control services to instrument flight rules (IFR) and visual flight rules (VFR) air traffic within assigned airspace using installed radar. The RATCF building is staffed by air operations, administrative and maintenance support personnel.

Precision Approach Landing System (PALS), Transmitting and Receiving Sites, and Navigation Aids Systems (NAVAIDS) are monitored and controlled in the RATCF. The RATCF contains an IFR control room that includes the radar display consoles and communications control equipment. An adjacent terminal equipment room houses all automation central (or terminal) equipment, maintenance positions and audio/video tape recorders.

CURRENT SITUATION:

Built in 1957, the current tower is located in Building 1. The current control tower cab is too small to effectively perform air traffic control duties and to train controllers. On average, there are eight controllers in the tower at all times (four qualified and four training). The tower configuration and present cab will not accommodate the NASMOD equipment due to be delivered in 2012. The facility is burdened by deficiencies; most notable is the lack of a uninterruptable power supply which is an operational issue during power outages.

The current 2 story tower is not of adequate height, creating line of sight issues. The current standards call for an angle of incidence to be 45 minutes (optimal) and 35 minutes (minimum). This existing tower's angle is less than 10 minutes. The line of sight to Taxiway F is partially blocked by facility 189. The line of sight to Taxiway O is impacted by forested wetlands. These wetlands create a potential for foreign object damage (FOD) and bird air strike hazard (BASH) as birds often fly across the runway.

The RATCF area is undersized and thus controllers share space with other flight operations, such as pilot briefings and Air Operations offices. The existing space is inadequately sized to house the necessary equipment and personnel.

IMPACT IF NOT PROVIDED:

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N00206	4. Project Title
NAS JRB NEW ORLEANS LA BELLE CHASSE, LOUISIANA	Construct Joint Air Traffic Control Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0212176N	14170	P477	16,281

The continued deterioration of the control tower will soon lead to unsafe working conditions for controllers. There is an obvious danger to controllers and to the pilots and aircrews that operate into and out of NAS JRB New Orleans.

Without the installation of the NASMOD equipment, the FAA plans for modernization will not be implemented. The antiquated equipment will continue to provide poor and inefficient service impacting flight safety, while the undersized controllers cab will preclude operations and training capabilities. Line of sight from the shorter existing tower will continue to be impacted by various facilities, and by forested wetlands, which also create FOD and BASH potential.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:	
(A) Date design or Parametric Cost Estimate started	03/2009
(B) Date 35% Design or Parametric Cost Estimate complete	06/2009
(C) Date design completed	06/2010
(D) Percent completed as of September 2009	35%
(E) Percent completed as of January 2010	55%
(F) Type of design contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	Yes
2. Basis:	
(A) Standard or Definitive Design	No
(B) Where design was previously used	
3. Total Cost (C) = (A) + (B) = (D) + (E):	
(A) Production of plans and specifications	$400
(B) All other design costs	$130
(C) Total	$530
(D) Contract	$460
(E) In-house	$70
4. Contract award:	12/2010
5. Construction start:	02/2011
6. Construction complete:	08/2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost ($000)
DASR digital airport surveillance radar	APN	2012	3,000
ECS emergency communication system	OPN	2012	750

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N00206	4. Project Title
NAS JRB NEW ORLEANS LA BELLE CHASSE, LOUISIANA	Construct Joint Air Traffic Control Facility

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0212176N	14170	P477	16,281

ETVS enhanced terminal voice switch	OPN	2012	1,000
FOIS fiber optic information system	OPN	2012	1,500
NAS Mod Electronic Equipment	OPN	2012	500
STARS standard terminal automation replacement	OPN	2012	1,000
VIDS visual information display system	OPN	2012	1,000

JOINT USE CERTIFICATION:

The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.

Activity POC: Thomas Grantham Phone No:504-678-2885

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1. Component	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		01 FEB 2010

3. Installation and Location: N69212
NAVAL WEAPONS STATION YORKTOWN
WILLIAMSBURG, VIRGINIA

4. Area Const Cost Index
.96

5. Frequency And Type Of Utilization
Five days a week and one weekend per month.

6. Other Active/Guard/Reserve Installations Within 15 Miles
None.

7. Projects Requested In This Program

Cat Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
17115	Navy Ord Cargo Logistic Training Complex	5136 SM	21,346	08/2008	06/2010

8. State Reserve Forces Facilities Board Recommendation — 14 Aug 2007 (Date)
Mission requirements, operational considerations and location are incompatible with use by other components. The Board concurred with unilateral project, the construction plan and schedule.

9. Land Acquisition Required
NO — (No. of Acres)

10. Projects Planned In Next Four Years

P No	Title	PY	Scope	Cost ($000)
	None			

R&M Unfunded Requirement ($000):

11. Personnel Strength

As Of 09-30-2009	PERMANENT TOTAL	PERMANENT OFF	PERMANENT ENL	PERMANENT CIV	GUARD/RESERVE TOTAL	GUARD/RESERVE OFF	GUARD/RESERVE ENL
Authorized:	397	34	359	4	3239	266	2973
Actual:	378	29	345	4	2697	189	2508

12. Reserve Unit Data

Unit Designation	Strength Authorized	Strength Actual
COMNAVELSG	***	3075

13. Major Equipment and Aircraft

Type	Authorized	Actual
CESE and Material Handling Equipment	752	526

14. Outstanding Pollution and Safety Deficiencies ($000):
a. Pollution Abatement (*): 0
b. Occupational Safety and Health (OSH) (#): 0

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1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N69212(CA)	4. Project Title
NAVAL WEAPONS STATION YORKTOWN (CHEATHAM ANNEX) WILLIAMSBURG, VIRGINIA	Navy Ord Cargo Logistics Training Complex

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0815976N	17115	P743	21,346

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost($000)
NAVY ORD CARGO LOGISTICS TRAINING COMPLEX	LS			13,660
VEHICLE MAINTENANCE SHOP (14,400 SF)	m2	1,337.8	2,653	(3,550)
ORD & CARGO HNDLG TRAINING SUPPORT FAC (23,800 SF)	m2	2,211.09	2,264	(5,010)
VEHICLE WASH PLATFORM	m2	310	914	(280)
CBR TRAINER	m2	56	1,407	(80)
MOCK CARGO HOLD TRAINER	m2	869	1,091	(950)
MOCK UP SHIP TRAINER	m2	352	1,829	(640)
FUEL STATION	EA	1	921,000	(920)
ANTI-TERRORISM/FORCE PROTECTION	LS			(130)
SPECIAL COSTS	LS			(430)
LEED AND EPACT 2005 COMPLIANCE	LS			(560)
BUILT-IN EQUIPMENT	LS			(930)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(180)
SUPPORTING FACILITIES				4,910
DEMOLITION	LS			(1,910)
SITE PREPARATIONS	LS			(530)
LEED AND FEDERAL ENERGY ACT COMPLIANCE	LS			(180)
ELECTRICAL UTILITIES	LS			(1,050)
MECHANICAL UTILITIES	LS			(270)
PAVING AND SITE IMPROVEMENTS	LS			(970)
SUBTOTAL				18,570
CONTINGENCY (5%)				930
TOTAL CONTRACT COST				19,500
SIOH (5.7%)				1,110
SUBTOTAL				20,610
DESIGN/BUILD - DESIGN COST				740
TOTAL REQUEST ROUNDED				21,350
TOTAL REQUEST				21,346
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,190)

1. Component NAVY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date 01 FEB 2010

3. Installation(SA)& Location/UIC: N69212(CA)	4. Project Title
NAVAL WEAPONS STATION YORKTOWN (CHEATHAM ANNEX) WILLIAMSBURG, VIRGINIA	Navy Ord Cargo Logistics Training Complex

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0815976N	17115	P743	21,346

10. Description of Proposed Construction:

Construct the Navy Cargo Handling Battalion One (NAVCARGOBN ONE) Operations and Logistics Facility, vehicle maintenance building, Chemical, Biological, Radiological (CBR) Certification Test Chamber, concrete training pier, mock cargo hold trainer, and re-locate the mock-up ship simulator crane.

Construct a two-story Operations and Logistics Building that will house and/or provide the following components: carpentry shop/storage shed, steel shop, shop office, A/C refrigeration/plumbing/electrical shop, boatswain shop, ready issue supply, general storage, kitchen/locker room/mechanical/electrical, and administration.

Construct a single story vehicle maintenance building that will house and/or provide the following shop components: light equipment shop, heavy equipment shop, battery shop, tool room, parts storage, tire shop and storage, forklift storage/forklift battery service area, collateral storage, ready issue supply, transportation/dispatch, administration, electrical/mechanical/closets/toilets.

Buildings will be structural steel frame with reinforced masonry walls and brick veneer. Facility foundations will be a shallow, spread footing and concrete floor system. Buildings to have a standing seam steel roof. Facilities will have built-in exhaust systems for heavy/light shop areas, carpentry shop, and steel shop. Shop buildings to have fire alarm/suppression systems, heating, ventilation, and cooling systems (Admin area), lighting, fiber optic cabling, including utility connections, paving, curbs, fencing, exterior lighting, and landscaping.

Construct one CBR test chamber. The CBR test chamber will be concrete masonry unit construction with a shallow, spread footing and concrete floor system. Building to have a standing seam steel roof, exhaust system, and HVAC system.

Demolish the crane simulator/mock-up ship. Salvage and relocate one jib boom crane and construct a mock-up ship trainer at the Hagglund Crane Training Area. Construct a mock-up cargo hold trainer and concrete training pier for Hagglund Crane area.

Miscellaneous items include a vehicle wash platform and vehicle refueling station. Vehicle wash platform will include four concrete aprons and a wash water catch basin complete with oily water separator system.

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N69212(CA)	4. Project Title
NAVAL WEAPONS STATION YORKTOWN (CHEATHAM ANNEX) WILLIAMSBURG, VIRGINIA	Navy Ord Cargo Logistics Training Complex

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0815976N	17115	P743	21,346

This project demolishes 20 buildings including a portion of the crane simulator/mock-up ship: CAD 292A, CAD 292, CAD 293, CAD 298, CAD 388, CAD 389, CAD 403, CAD 404, CAD 419, CAD 436, CAD 437, CAD 458, CAD 459, CAD 459-A, CAD 463, CAD 469, CAD 493, CAD 509, CAD 524, CAD 545 and CAD 558.

The buildings have been designed to meet the current Anti-Terrorism/Force Protection (AT/FP) criteria and will meet the minimum setbacks. Structural, glazing and mechanical and utility systems will be designed in accordance with the above criteria. Sustainable design principles will be included into the construction of the project in accordance with Executive Order 13123 and other laws and executive orders.

11. Requirement: 5136 m2 **Adequate:** **Substandard:**

PROJECT:

This project constructs new maintenance and logistics support facilities to support training or mobilization for both personnel assigned to NAVCARGOBN ONE and the 2,400 plus reservists that are trained in conjunction with NAVCARGOBN ONE each year, as well as loading or unloading of ordnance and cargo.

(Current Mission)

REQUIREMENT:

Permanent and efficiently consolidated modern facilities to provide ordnance and cargo handling training, and equipment maintenance for the command. NAVCARGOBN ONE is a unique command that specializes in providing US Navy cargo handling support for the offload of a Maritime Prepositioning Squadron (MPSRON) of five ships in an austere environment anywhere in the world. In addition to the Maritime Prepositioning Force (MPF), NAVCAROBN ONE supports the operations of the US Navy, the United States Marine Corps (USMC), Military Sealift Command (MSC), and the Air Mobility Command (AMC). Operations with these commands require the on/offload of the Navy Lighterage System (NLS), the Improved Navy Lighterage System (INLS), ordnance, break-bulk, containers, and equipment from ship to pier in hostile ports, or unimproved ports.

A mock-up cargo hold trainer, a mock-up ship simulator crane beneath the two existing cranes, and a pier area are required to conduct and maintain critical cargo handling skills. Blocking and Bracing training is also provided. The environments that NAVCAROBN ONE must operate in necessitate training specific in CBR protection/decontamination. A permanent CBR chamber will properly facilitate such necessary training.

A primary mission of NAVCARGOBN ONE is the training of reserve battalions.

8. Project Cost ($000)

Reservists are trained in both operation and maintenance of mission essential equipment. NAVCARGONB ONE supports training operations for 4,000 personnel per year.

CURRENT SITUATION:

NAVCARGOBN ONE's Maintenance and Logistics complex is dispersed between 15 buildings along Trailer Rd and 4th Street at Cheatham Annex. These facilities are 18 to 50 year old buildings. The majority of these structures are extremely weathered, pre-engineered buildings with a corrugated sheet metal skin and have reached the end of their useful life. The vehicle maintenance building is a 4 bay garage, improperly sized for NAVCARGOBN ONE's needs. The building does not have a grease bay, proper vehicle exhaust system, and sufficient number of light and heavy maintenance bays. The Tire Shop is a makeshift corrugated metal building with inadequate work space for work and storage. The yard lacks a vehicle wash platform, the capability to refuel vehicles, battery shop, proper storage for forklifts, and servicing area for electric forklift batteries. The other existing buildings provide makeshift space for the administrative functions of the activity.

To supplement lack of storage space NAVCARGOBN ONE is using 80 shipping containers located in the general area of each function. The Boatswain Mate Locker uses shipping containers to store wire rope slings in coils in lieu of being stored straight and flat. The cargo nets and wheel nets are stacked on top of each other. The unloading and repacking of these shipping containers each time an item is to be retrieved results in numerous lost man-hours.

IMPACT IF NOT PROVIDED:

If not provided, NAVCARGOBN ONE will continue to operate in deteriorating conditions as these small buildings are semi-permanent, and have been repaired and re-repaired over the years. Training and mobilization will continue to operate inefficiently.

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	04/2009
(C) Date design completed	06/2010
(D) Percent completed as of September 2009	35%
(E) Percent completed as of January 2010	75%
(F) Type of design contract	Design Build

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N69212(CA)	4. Project Title
NAVAL WEAPONS STATION YORKTOWN (CHEATHAM ANNEX) WILLIAMSBURG, VIRGINIA	Navy Ord Cargo Logistics Training Complex

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0815976N	17115	P743	21,346

(G) Parametric Estimate used to develop cost: Yes
(H) Energy Study/Life Cycle Analysis performed: No

2. Basis:
(A) Standard or Definitive Design: No
(B) Where design was previously used

3. Total Cost (C) = (A) + (B) = (D) + (E):
(A) Production of plans and specifications: $600
(B) All other design costs: $250
(C) Total: $850
(D) Contract: $700
(E) In-house: $150

4. Contract award: 12/2010
5. Construction start: 04/2011
6. Construction complete: 06/2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost ($000)
Collateral Equipment	O&MNR	2012	2,190

JOINT USE CERTIFICATION:
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: Bruce Crocker Phone No:757-887-4504

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N69212(CA)	4. Project Title
NAVAL WEAPONS STATION YORKTOWN (CHEATHAM ANNEX) WILLIAMSBURG, VIRGINIA	Navy Ord Cargo Logistics Training Complex

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0815976N	17115	P743	21,346

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1. Component	FY 2011 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date
NAVY		01 FEB 2010

3. Installation and Location: M68479
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BAS
YAKIMA, WASHINGTON

4. Area Const Cost Index
1.08

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. (Note: This unit will be located on Yakima Army Training Center).

7. Projects Requested In This Program

Cat Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
17115	Marine Corps Reserve Center	6550 m2	13,844	06/2009	06/2010

8. State Reserve Forces Facilities Board Recommendation — 15 Jul 2009 (Date)
Approved for unilateral construction.

9. Land Acquisition Required
NO — (No. of Acres)

10. Projects Planned In Next Four Years

P No	Title	PY	Scope	Cost ($000)
	None			

R&M Unfunded Requirement ($000):

11. Personnel Strength

As Of 09-30-2009	PERMANENT TOTAL	PERMANENT OFF	PERMANENT ENL	PERMANENT CIV	GUARD/RESERVE TOTAL	GUARD/RESERVE OFF	GUARD/RESERVE ENL
Authorized:	10	1	9	0	123	3	120
Actual:	10	1	9	0	123	3	120

12. Reserve Unit Data

Unit Designation	Strength Authorized	Strength Actual
Company B, 4th Tank Bn. 4th Mar Div	133	133

13. Major Equipment and Aircraft

Type	Authorized	Actual
7-ton Vehicle	10	10
HMMWV'S	5	5
M1A1 Tanks, Tracked vehicle	8	8

14. Outstanding Pollution and Safety Deficiencies ($000):
a. Pollution Abatement (*): 0
b. Occupational Safety and Health (OSH) (#): 0

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1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: M68479(LE)	4. Project Title
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, (YAKIMA WA AFRC) YAKIMA, WASHINGTON	Marine Corps Reserve Center

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0515096M	17115	P060	13,844

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost($000)
MARINE CORPS RESERVE CENTER (70,504 SF)	m2	6,550		10,410
TANK PARKING (23,551 SF)	m2	2,188	139.94	(310)
ORGANIC EQUIPMENT STORAGE SHED (4,004 SF)	m2	372	1,631.7	(610)
COVERED PARKING AREA (6,405 SF)	m2	595	748.09	(450)
MARINE CORPS RESERVE CENTER (30,193 SF)	m2	2,805	2,199.1	(6,170)
COMBAT VEHICLE MAINTENANCE FACILITY (6,351 SF)	m2	590	2,969.37	(1,750)
SPECIAL COSTS	LS			(90)
INFORMATION SYSTEMS	LS			(70)
BUILT-IN EQUIPMENT	LS			(560)
LEED AND EPACT 2005 COMPLIANCE	LS			(190)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
OPERATION & MAINTENANCE SUPP INFO (OMSI)	LS			(110)
SUPPORTING FACILITIES				1,600
MECHANICAL UTILITIES	LS			(600)
ELECTRICAL UTILITIES	LS			(450)
SITE PREPARATIONS	LS			(160)
ENVIRONMENTAL MITIGATION	LS			(20)
PAVING AND SITE IMPROVEMENTS	LS			(370)
SUBTOTAL				12,010
CONTINGENCY (5%)				600
TOTAL CONTRACT COST				12,610
SIOH (6%)				760
SUBTOTAL				13,370
DESIGN/BUILD - DESIGN COST				480
TOTAL REQUEST ROUNDED				13,850
TOTAL REQUEST				13,844
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(489)

10. Description of Proposed Construction:

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: M68479(LE)	4. Project Title
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, (YAKIMA WA AFRC) YAKIMA, WASHINGTON	Marine Corps Reserve Center

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0515096M	17115	P060	13,844

Project constructs a reserve training center and associated tank maintenance/repair facility. The project will construct a one-story steel framed structure with concrete foundation, concrete floor, masonry walls, metal doors with hardware, sloped metal roofing system, fire protection system, heating, ventilation, and air conditioning systems, a specially constructed weapon storage area, assembly hall, classrooms, locker and shower rooms, workshops, and electrical and mechanical utilities. The project will conform to anti-terrorism/force protection (ATFP) standards and follow LEED and Federal Energy Acts compliance criteria for design, development, and construction of the project.

Built-in equipment includes a compressed air system, vehicle lube system, vehicle exhaust system and bridge crane with crane rails.

Ancillary facilities include covered parking, tank parking, wash rack, organic equipment storage shed and battery charging station. Covered parking will consist of shade structures for wheeled and tracked vehicle parking. Shade shelters shall be free standing, cantilevered, steel structures, open on all sides and covered with a metal roof. The structures will be equipped with outlets and lighting. The project provides construction designed for its seismic zone. Project includes a hazardous material storage pad, and shipping and storage container (quadcon) pads. The wash rack for the wheeled and tracked vehicles will have an oil/water separator.

11. Requirement: 6550 m2 **Adequate:** 0 m2 **Substandard:** 0 m2

PROJECT:

The project constructs a new Marine Corps Reserve Center (MCRC) combat vehicle maintenance facility (VMF), vehicle holding shed, tactical vehicle parking area, wash racks, security fences, and reserve training center for Marine Corps Reserve, Company B, 4th Tank Battalion.

(Current Mission)

REQUIREMENT:

This project is necessary due to the lack of adequate facilities for tank training and maintenance at the US Army Yakima Training Center (YTC) and firing range, and the dilapidated conditions of the existing MCRC in the City of Yakima, Washington. Adequate, modern, permanent facilities will enable Company B to train for their mission. Without adequate facilities or efficient access to training areas, Company B's mission success is impaired.

CURRENT SITUATION:

Company B is leasing a vehicle maintenance facility from the US Army and sharing it with the Army Reserve National Guard at the YTC and Firing Range, a high desert environment with extreme seasonal variations in climate. The leased structure was constructed for wheeled vehicles and using the work bays for tank maintenance requires selective tank placement. In order to remove the turret, gun mount and gun, and power supply, the facility can only accommodate a single tank in one of the three bays. One of the remaining two bays has been converted to use for secure tool storage, but it is not configured to function in the optimum manner for tool issue points. There is no proper power hook-up and track vehicle storage available for the Marines. Instead extension cords run from inside the shop to the tanks that must be stored in a confined area adjacent to the building, not allowing for efficient access to individual vehicles, and where equipment and operations are exposed to weather extremes.

The MCRC in the City of Yakima does not meet AT/FP standards, nor current building codes, and the age of the structure does not support the cost of rehabilitating this structure. The primary training missions in regard to tanks must take place at YTC, which results in logistical constraints, lost man-hours commuting, and excessive operating costs.

IMPACT IF NOT PROVIDED:

The ability of Company B to adequately train and retain reservists will continue to be adversely impacted by the existing conditions under which training is currently conducted. The reserve center facilities will continue to deteriorate, require excessive funds to repair and maintain, remain inadequate in size and configuration, and fail to meet minimum AT/FP standards. Additionally, the unit will continue spending operating funds and man-hours commuting between the MCRC facility in downtown Yakima, and the Army Training Center where tank maintenance training and activity takes place. Tanks will continue to be exposed to climate extremes that cause wear and tear and limit outdoor repair and maintenance activity. Tanks will continue to lack access to adequate power supplies. The limitations of the current structure will adversely impact Company B's mission to efficiently maintain its combat vehicles and to optimize its mission to train and prepare Marines.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:

(A) Date design or Parametric Cost Estimate started	06/2009
(B) Date 35% Design or Parametric Cost Estimate complete	01/2010

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: M68479(LE)	4. Project Title
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, (YAKIMA WA AFRC) YAKIMA, WASHINGTON	Marine Corps Reserve Center

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0515096M	17115	P060	13,844

(C) Date design completed	06/2010
(D) Percent completed as of September 2009	10%
(E) Percent completed as of January 2010	35%
(F) Type of design contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	No
2. Basis:	
(A) Standard or Definitive Design	No
(B) Where design was previously used	
3. Total Cost (C) = (A) + (B) = (D) + (E):	
(A) Production of plans and specifications	$450
(B) All other design costs	$275
(C) Total	$725
(D) Contract	$275
(E) In-house	$450
4. Contract award:	12/2010
5. Construction start:	03/2011
6. Construction complete:	09/2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Approp	FY Approp or Requested	Cost ($000)
Collateral Equipment	O&MMCR	2012	250
Comm/data Equipment	O&MMCR	2012	50
Hazmat Sheds	O&MMCR	2012	35
IDS	O&MMCR	2012	4
NGEN support	O&MMCR	2012	100
Weapons Racks	O&MMCR	2012	50

JOINT USE CERTIFICATION:

This project has been considered for joint use potential and unilateral construction is recommended. The State Joint Services Reserve Component Facilities Board has reviewed this project for joint use potential. That board on 15 Jul 2009 determined that unilateral construction was the best alternative to support this mission.

Activity POC: Mr Craig Monroe Phone No:504-678-5749

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N64480	4. Project Title
RESERVE PLANNING/DESIGN WASHINGTON, DISTRICT OF COLUMBIA	Planning and Design

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
		P511	1,857

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost($000)
PLANNING AND DESIGN	LS			1,860
PLANNING AND DESIGN	LS			(1,860)
SUBTOTAL				1,860
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				1,860
SIOH (0%)				0
SUBTOTAL				1,860
TOTAL REQUEST ROUNDED				1,860
TOTAL REQUEST				1,857

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	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N64480	4. Project Title
RESERVE PLANNING/DESIGN WASHINGTON, DISTRICT OF COLUMBIA	Planning and Design

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
		P511	1,857

(A) Date design or Parametric Cost Estimate started
(B) Date 35% Design or Parametric Cost Estimate complete
(C) Date design completed
(D) Percent completed as of September 2009
(E) Percent completed as of January 2010
(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 previously used

3. Total Cost (C) = (A) + (B) = (D) + (E):
(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: Phone No:

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N64069	4. Project Title
RESERVE UNSPECIFIED MINOR CONSTRUCTION WASHINGTON, DISTRICT OF COLUMBIA	Unspecified Minor Construction

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
		P311	2,238

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost($000)
UNSPECIFIED MINOR CONSTRUCTION	LS			2,240
UNSPECIFIED MINOR CONSTRUCTION	LS			(2,240)
SUBTOTAL				2,240
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				2,240
SIOH (0%)				0
SUBTOTAL				2,240
TOTAL REQUEST ROUNDED				2,240
TOTAL REQUEST				2,238

10. Description of Proposed Construction:

Projects authorized by Title 10 USC 18233a(a)(1) not otherwise authorized by law having an approved cost of $2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than $3,000,000. Total request includes funds for supervision, inspection, and overhead.

11. Requirement:

PROJECT:

Unspecified Minor Construction.

(Current Mission)

REQUIREMENT:

Title 10 USC 18233a(a)(1) provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of $2,000,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.

CURRENT SITUATION:

N/A

IMPACT IF NOT PROVIDED:

N/A

12. Supplemental Data:

A. Estimated Design Data:

1. Component	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		01 FEB 2010

3. Installation(SA)& Location/UIC: N64069	4. Project Title
RESERVE UNSPECIFIED MINOR CONSTRUCTION WASHINGTON, DISTRICT OF COLUMBIA	Unspecified Minor Construction

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
		P311	2,238

1. Status:
   (A) Date design or Parametric Cost Estimate started
   (B) Date 35% Design or Parametric Cost Estimate complete
   (C) Date design completed
   (D) Percent completed as of September 2009
   (E) Percent completed as of January 2010
   (F) Type of design contract
   (G) Parametric Estimate used to develop cost
   (H) Energy Study/Life Cycle Analysis performed
2. Basis:
   (A) Standard or Definitive Design
   (B) Where design was previously used
3. Total Cost (C) = (A) + (B) = (D) + (E):
   (A) Production of plans and specifications
   (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: Phone No:

Component	Fiscal Year	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budgeted Amount	MISSION	Footprint
MCNMCR	2011	1235	MCAGCC Twenty Nine Palms CA	CA	Tank Vehicle Maintenance Facility	214	0515096M	5,991	Existing	New
MCNR	2011	1235	NAS JRB New Orleans LA	LA	Joint Air Traffic Control Facility	141	0203176N	16,281	Existing	Replacement
MCNR	2011	1235	NWS Yorktown, Cheatham Annex VA	VA	Navy Ord Cargo Logistic Training Complex	143	0203176N	21,346	Existing	Replacement
MCNMCR	2011	1235	AFRC Yakima WA	WA	Marine Corps Reserve Center	171	0515096M	13,844	Existing	New
MCNMCR	2011	1235	MCNR Design Funds	ZU	MCNR Design Funds - MARCORPS		0515096M	445		
MCNR	2011	1235	MCNR Design Funds	ZU	MCNR Planning and Design Funds		0901211N	1,412		
MCNR	2011	1235	MCNR Unspecified Minor Construction	ZU	MCNR Unspecified Minor Construction		0901211N	2,238		
							Total FY 2011	**61,557**		
MCNR	2012	1235	NAVOPSPTCEN Des Moines IA	IA	NOSC & MCRC Camp Dodge IA	171	0805976N	9,061	Existing	Replacement
MCNMCR	2012	1235	NAVOPSPTCEN Des Moines IA	IA	Marine Corps Reserve Center	171	0505096M	9,657	Existing	Replacement
MCNMCR	2012	1235	NOSC Indianapolis IN	IN	Marine Corps Reserve Center	171	0515096M	10,881	Existing	New
MCNR	2011	1235	NAVOPSPTCEN Pittsburgh PA	PA	Naval Operations Support Center	171	0815976N	13,891	Existing	New
MCNR	2012	1235	MCNR Design Funds	ZU	MCNR Planning and Design Funds		0901211N	1,192		
MCNR	2012	1235	MCNR Unspecified Minor Construction	ZU	MCNR Unspecified Minor Construction		0901211N	-		
MCNMCR	2012	1235	MCNR Design Funds	ZU	MCNR Design Funds - MARCORPS		0515096M	1,116		
							Total FY 2012	**45,798**		
MCNR	2013	1235	NAVOPSPTCEN San Jose CA	CA	Move to Moffit AFB, NOSC San Jose	171	0815976N	10,422	Existing	New
MCNR	2013	1235	NOSC Indianapolis IN	IN	NOSC & MCRC Indianapolis, IN	171	0805976N	13,221	Existing	Replacement
MCNR	2013	1235	NAS JRB New Orleans LA	LA	Bachelor Enlisted Quarters	721	0203276N	4,169	Existing	New
MCNMCR	2013	1235	NAVOPSPTCEN Pittsburgh PA	PA	Reserve Training Center & Vehicle Maint Fac	171	0515096M	11,904	Existing	New
MCNMCR	2013	1235	NAVOPSPTCEN Avoca PA	PA	Reserve Training Center - Scranton	171	0515096M	8,986	Existing	New
MCNR	2013	1235	NAS JRB Ft Worth TX	TX	Joint - Single Sailor / Marine/Airman Center	740	0816176N	4,169	Existing	New
MCNR	2013	1235	MCNR Design Funds	ZU	MCNR Planning and Design Funds		0901211N	1,290		
MCNR	2013	1235	MCNR Unspecified Minor Construction	ZU	MCNR Unspecified Minor Construction		0901211N	3,970		
MCNMCR	2013	1235	MCNR Design Funds	ZU	MCNR Design Funds - MARCORPS		0515096M	1,110		
							Total FY 2013	**59,241**		
MCNR	2014	1235	NAVOPSPTCEN Moreno CA	CA	Reserve Center Relocation, March AFB	171	0815976N	8,924	Existing	New
MCNMCR	2014	1235	NWS Seal Beach CA	CA	Marine Corps Reserve Training Center	171	0515096M	10,340	Existing	New
MCNR	2014	1235	NAS Pensacola FL	FL	Move to NAS Pensacola, NOSC Pensacola	171	0815976N	11,899	Existing	New
MCNR	2014	1235	NAS JRB New Orleans LA	LA	Base Security Upgrade	730	0805176N	3,927	Existing	Replacement
MCNR	2014	1235	NAS JRB New Orleans LA	LA	Permiter Road	872	0212576N	6,862	Existing	New
MCNMCR	2014	1235	RTC Omaha NE	NE	Reserve Training Center	171	0515096M	10,907	Existing	Replacement
MCNR	2014	1235	MCNR Unspecified Minor Construction	ZU	MCNR Unspecified Minor Construction		0901211N	-		
MCNR	2014	1235	MCNR Design Funds	ZU	MCNR Planning and Design Funds		0901211N	1,686		
MCNMCR	2014	1235	MCNR Design Funds	ZU	MCNR Design Funds - MARCORPS		0515096M	1,125		
							Total FY 2014	**55,670**		
MCNR	2015	1235	NAVOPSPTCEN Battle Creek MI	MI	NOSC & MCRC Battle Creek, MI	171	0805976N	11,600	Existing	Replacement
MCNR	2015	1235	NAVOPSPTCEN Reno NV	NV	Move to Fallon AFB, NOSC Reno	171	0815976N	11,887	Existing	New
MCNMCR	2015	1235	MAG 49 DET B Newburgh NY	NY	Bachelor Enlisted Quarters	721	0515096M	21,634	Existing	New
MCNR	2015	1235	MCNR Unspecified Minor Construction	ZU	MCNR Unspecified Minor Construction		0901211N	2,477		
MCNR	2015	1235	MCNR Design Funds	ZU	MCNR Planning and Design Funds		0901211N	1,684		
MCNMCR	2015	1235	MCNR Design Funds	ZU	MCNR Design Funds - MARCORPS		0515096M	1,119		
							Total FY 2015	**50,401**		

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