Department of the Navy
FY 1999 Military Construction and Family Housing Program

Table of Contents

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Summary of Locations

State/Country	Auth. Request ($000)	Appr. Request ($000)
Inside The United States		
ARIZONA	12,000	12,000
CALIFORNIA	101,440	101,440
DIST OF COLUMBIA	790	790
FLORIDA	3,730	3,730
HAWAII	105,717	105,717
ILLINOIS	13,160	13,160
MARYLAND	6,680	6,680
MISSISSIPPI	10,670	10,670
NORTH CAROLINA	20,640	20,640
RHODE ISLAND	14,770	14,770
SOUTH CAROLINA	19,467	19,467
VIRGINIA	66,740	53,240
WASHINGTON	2,750	2,750
Subtotal	**378,554**	**365,054**
Outside The United States		
GREECE	5,260	5,260
GUAM	10,310	10,310
ITALY	18,270	18,270
UNITED KINGDOM	2,010	2,010
Subtotal	**35,850**	**35,850**
Various		
	67,246	67,246
Subtotal	**67,246**	**67,246**
Total - FY 1999 Military Construction & Family Housing Program	**768,763**	**748,940**
Less Family Housing	**287,113**	**280,790**
Total - FY 1999 Military Construction Program	**481,650**	**468,150**

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 98	Page No.
		NAVY				
		Inside The United States				
ARIZONA						
		NAVAL OBSERVATORY, FLAGSTAFF, ARIZONA				
	029	OPTIC INTERFEROMETER SUPPORT FACILITY	990	990	100	3
		Subtotal	990	990		
		Total - ARIZONA	**990**	**990**		
CALIFORNIA						
		NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA				
	229	MISSILE MAGAZINE	3,240	3,240	50	19
		Subtotal	3,240	3,240		
		NAVAL AIR STATION, LEMOORE, CALIFORNIA				
	183	AIRFRAMES FACILITY MODIFICATIONS	1,510	1,510	50	31
	195	HANGAR RENOVATIONS	5,430	5,430	50	29
	185	TRAINING FACILITY ADDITION	4,270	4,270	50	25
	105B	WEAPONS ASSEMBLY FACILITY IMPROVEMENTS	9,430	9,430	100	35
		Subtotal	20,640	20,640		
		NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA				
	555	BACHELOR ENLISTED QUARTERS	8,350	8,350	100	43
		Subtotal	8,350	8,350		
		NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA				
	126	SUBMARINE SUPPORT FACILITY	11,400	11,400	50	47
		Subtotal	11,400	11,400		

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 98	Page No.
		Total - CALIFORNIA	**43,630**	**43,630**		
DIST OF COLUMBIA						
		COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA				
	336	FITNESS CENTER	790	790	40	53
		Subtotal	790	790		
		Total - DIST OF COLUMBIA	**790**	**790**		
FLORIDA						
		NAVAL AIR STATION KEY WEST, FLORIDA				
	604	CHILD DEVELOPMENT CENTER	3,730	3,730	50	57
		Subtotal	3,730	3,730		
		Total - FLORIDA	**3,730**	**3,730**		
HAWAII						
		FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII				
	154	CENTRAL RECEIVING FACILITY	9,730	9,730	45	69
		Subtotal	9,730	9,730		
		NAVAL STATION, PEARL HARBOR, HAWAII				
	504	ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	18,180	18,180	40	79
		Subtotal	18,180	18,180		
		NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII				
	147	BACHELOR ENLISTED QUARTERS MODERNIZATION	8,060	8,060	80	85
		Subtotal	8,060	8,060		
		NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII				
	497	SEWER OUTFALL EXTENSION	22,877	22,877	100	93

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

State/Country	Proj No.	Location	Auth. Request ($000)	Appr. Request ($000)	% Design As Of Jan 98	Page No.
		MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA				
	385	MISSILE MAGAZINES	1,770	1,770	60	149
		Subtotal	1,770	1,770		
		MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA				
	335	WEAPONS BATTALION MESSHALL	7,960	7,960	15	159
		Subtotal	7,960	7,960		
		Total - SOUTH CAROLINA	**9,730**	**9,730**		
		Total - Inside The United States	**126,600**	**126,600**		
		Total - MARINE CORPS	**126,600**	**126,600**		

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Index of Locations

Various

	VARIOUS LOCATIONS		
VAR	A&E SERVICES AND CONSTRUCTION DESIGN (FAMILY HOUSING)	15,618	15,618
099	UNSPECIFIED MINOR CONSTRUCTION	8,900	8,900
VAR	A&E SERVICES AND CONSTRUCTION DESIGN (NAVY)	49,582	49,582
VAR	A&E SERVICES AND CONSTRUCTION DESIGN (MARINE CORPS)	8,764	8,764
034	POST ACQUISITION CONSTRUCTION (FAMILY HOUSING IMPROVEMENTS	211,991	211,991
	Subtotal - Military Construction	**67,246**	**67,246**
	Subtotal - Military Construction For Family Housing	**227,609**	**227,609**
	Total - Various Locations	**294,855**	**294,855**
Total - FY 1999 Military Construction Program		**481,650**	**468,150**
Total - FY 1999 Military Construction Family Housing Program		**287,113**	**280,790**
	Grand Total	**768,763**	**748,940**

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
		Inside The United States		
ARIZONA				
MARINE CORPS AIR STATION, YUMA, ARIZONA	415	BACHELOR ENLISTED QUARTERS	11,010	C
NAVAL OBSERVATORY, FLAGSTAFF, N ARIZONA	029	OPTIC INTERFEROMETER SUPPORT FACILITY	990	
CALIFORNIA				
MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA	002	BACHELOR ENLISTED QUARTERS	29,570	C
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	024	BACHELOR ENLISTED QUARTERS	12,400	C
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	999	BACHELOR ENLISTED QUARTERS	15,840	C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	105B	WEAPONS ASSEMBLY FACILITY IMPROVEMENTS	9,430	C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	183	AIRFRAMES FACILITY MODIFICATIONS	1,510	C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	185	TRAINING FACILITY ADDITION	4,270	C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	195	HANGAR RENOVATIONS	5,430	C
NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA	555	BACHELOR ENLISTED QUARTERS	8,350	C
NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA	126	SUBMARINE SUPPORT FACILITY	11,400	C
NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA	229	MISSILE MAGAZINE	3,240	C
DIST OF COLUMBIA				
COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA	336	FITNESS CENTER	790	C
FLORIDA				
NAVAL AIR STATION KEY WEST, FLORIDA	604	CHILD DEVELOPMENT CENTER	3,730	C

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj Cost No.	Project Title	($000)	Mission Status
HAWAII				
FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII	154	CENTRAL RECEIVING FACILITY	9,730	C
MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII	286	BACHELOR ENLISTED QUARTERS	27,410	C
NAVAL COMMS AREA MASTER STATION, WAHIAWA, HAWAII	155	FIRE STATION	1,970	C
NAVAL STATION, PEARL HARBOR, HAWAII	504	ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	18,180	C
NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII	147	BACHELOR ENLISTED QUARTERS MODERNIZATION	8,060	C
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	410	STEAM CONDENSATE RETURN SYSTEM	6,090	C
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	497	SEWER OUTFALL EXTENSION	22,877	C
PEARL HARBOR NAVAL SHIPYARD, PEARL HARBOR, HAWAII	215	ENGINEERING MANAGEMENT BUILDING	11,400	C
ILLINOIS				
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	518	GAS TURBINE TRAINING FACILITY	7,410	C
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	566	APPLIED INSTRUCTION BUILDING MODIFICATIONS	5,750	C
MARYLAND				
NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD DIV, INDIAN HEAD, MARYLAND	149	ANNEALING OVEN FACILITY	6,680	C
MISSISSIPPI				
NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI	759	BACHELOR ENLISTED QUARTERS REPLACEMENT	10,670	C

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Mission Status Index

	Proj		Cost	Mission
NORTH CAROLINA				
Installation/Location	**No.**	**Project Title**	**($000)**	**Status**
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA	011	AIRCRAFT FIRE AND RESCUE STATION ADDITION	1,620	C
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA	077	CHILD DEVELOPMENT CENTER	4,420	C
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	062A	INFRASTRUCTURE PHYSICAL SECURITY	12,770	C
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	931	FIRE STATION	1,830	C
RHODE ISLAND				
NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND	406	BOILER PLANT MODIFICATIONS	5,630	C
NAVAL UNDERSEA WARFARE CENTER DIVISION, NEWPORT, RHODE ISLAND	030	UNDERSEA WARFARE FACILITY	9,140	C
SOUTH CAROLINA				
MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA	385	MISSILE MAGAZINES	1,770	C
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	335	WEAPONS BATTALION MESSHALL	7,960	C
NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA	914	ORDNANCE RAILROAD REALIGNMENT	9,737	C
VIRGINIA				
FLEET INDUSTRIAL SUPPLY, CENTER NORFOLK, VIRGINIA	177	FIRE STATION	1,770	C
FLEET TRAINING CENTER, NORFOLK, VIRGINIA	179	ENGINEERING TRAINING FACILITY ADDITION AND RENOVATION	5,700	C
NAVAL STATION, NORFOLK, VIRGINIA	355	BERTHING PIER (PHASE I)	45,530	C
NAVAL SURFACE WARFARE CENTER, DAHLGREN DIVISION, DAHLGREN, VIRGINIA	255	WEAPONS SYSTEM DEVELOPMENT LABORATORY ADDITION	5,130	C

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
NAVY TACTICAL TRAINING, GROUP ATLANTIC, DAM NECK, VIRGINIA	946	TRAINING BUILDING ADDITION	2,430	C
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA	378	DREDGING	6,180	C
WASHINGTON				
STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON	291	SECURITY FACILITY UPGRADES	2,750	C
		Outside The United States		
GREECE				
NAVAL SUPPORT ACTIVITY, SOUDA BAY, CRETE	726	BACHELOR ENLISTED QUARTERS	5,260	C
GUAM				
NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS	412	WATERFRONT CONSOLIDATION FACILITIES	4,810	C
NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS	415	SPECIAL WARFARE UNIT FACILITY	5,500	C
ITALY				
NAVAL SUPPORT ACTIVITY, NAPLES, ITALY	172	NII PUBLIC WORKS FACILITIES	18,270	C
UNITED KINGDOM				
JOINT MARITIME COMMUNICATIONS CENTER, ST. MAWGAN, UNITED KINGDOM	113	EDUCATION CENTER ADDITION	2,010	N
		Various		
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS	099	A & E SERVICES AND CONSTRUCTION DESIGN - PBD 314	58,346	C
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	099	UNSPECIFIED MINOR CONSTRUCTION - PBD 315	8,900	C

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Installation Index

Department of the Navy
FY 1999 Military Construction and Family Housing Program
Installation Index

MILITARY CONSTRUCTION, NAVY

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [$683,666,000] $468,150,000 to remain available until September 30, [2002] 2003: Provided, that of this amount, not to exceed [$46,489,000] $58,346,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor. In addition, for the foregoing purposes, $13,500,000 to become available on October 1, 1999 and to remain available until September 30, 2004.

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 can be evaluated, a primary economic analysis was prepared and the results indicated on the DD Form 1391.

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

CONGRESSIONAL REPORT REQUIREMENTS

a. Unspecified Minor Construction

Reports:	HNSC	SASC	CASC	Public Law	HAC	SAC	CAC	Public Law

PAGE	842	105-85	18	9,30	

The following is the language of the SAC:

The Navy has completed design for an addition to the enlisted dining facility at Puget Sound Naval Shipyard. This addition is urgently needed to accommodate the increase demand resulting from the construction of two new bachelor enlisted quarters. In addition to seating shortfalls, food space is seriously inadequate an there are no restroom facilities. Of the $13,860,000 provided to the navy for minor construction, the Committee recommends that no less than $1,500,000 be provided to complete this project. The Committee expects this contract to be awarded as early in fiscal year 1998 as practical.

b. Planning and Design

Reports:	HNSC	SASC	CASC	Public Law	HAC	SAC	CAC	Public Law
PAGE				105-85		18	9	105-45

The following is the language of the SAC:

Of the $46,489,000 provided for planning and design within the "Military construction, Navy" account, the Committee directs that not less than $437,000 to be made available for the design of a warfighting center at the Stennis Space Center, Mississippi. The Committee fully expects this contract to be awarded as early in fiscal year 1998 as practical.

c. California--Naval Ordnance Center, Pacific Division, Fallbrook Detachment

The Committee is concerned that the Navy has taken more than twenty years to dispose of the approximately 34,100 delivery canisters filled with napalm currently stored at the Naval Ordnance Center in Fallbrook, California. The Committee is aware that many of these canisters have been found to be leaking and pose a possible threat to the surrounding community. In March of 1996, the Navy announced an action memorandum for the removal of the napalm by the end of 1999. The Committee directs the Navy to make every effort possible to speed this process and to dispose of these canisters of napalm prior to the end of 1999. The Committee directs the Navy to report on its progress and its plan of work for the completion of this effort. HAC MILCON 105-150 pg 14

d. North Carolina--Cherry Point Marine Corps Air Station

The 1993 Base Realignment and Closure Commission required the relocation of F/A-18 aircraft from Cecil Field Naval Air Station to Cherry Point Marine Corps Air Station. The 1995 Commission changed the receiving site to Oceana Naval Air Station. The Committee understands that environmental impact considerations may preclude stationing at Oceana. The Committee directs the Navy to report regarding the current status of the relocation from Cecil Field, and urges the Navy to reconsider Cherry Point as an option for the receiving site if stationing at Oceana is not feasible. HAC MILCON 105-150 pg 15

e. F/A 18 Relocation

The Committee directs the Navy to conduct an independent study of the decision to relocate F/A 18 aircraft from Cecil Field Naval Air Station. This study shall provide a weighted comparison of the pros and cons of all scenarios in order to determine the optimal solution for relocation. The study shall cover all issues related to readiness, environmental, noise, and other applicable matters. SAC MILCON

f. Puerto Rico--Roosevelt Roads Naval Station

More than 40 years ago, the Navy acquired land abutting Roosevelt Roads Naval Station from the municipality of Ceiba, Puerto Rico. The Committee is concerned about reports that this land has never been utilized, and is aware of proposals by Ceiba to utilize this unused land. The Committee directs the Navy to report on the Navy's plans for taking appropriate cooperative actions for land utilization, including but not limited to agreements for increased access to beaches and to potable water supplies. HAC MILCON 105-150 pg 15

g. Child Development Centers

Testimony before the Committee indicates that the Navy planning system has validated a prioritized list of twenty child development center construction projects, at a total cost of $53,456,000. The Committee is aware of the Navy's on-going efforts to privatize child development centers in fleet concentration areas in order to 'buy down' the child care requirement through civilian accredited child development centers. Under these arrangements, the service member will pay the same rate as they would pay at an on-base child development center, and the government would pay the contractor any difference in total cost. Criteria for civilian centers to participate in this program is national accreditation. The Navy is also conducting an A-76 Commercial Activities Study in the San Diego area in order to write a performance work statement, develop the government's most efficient organization on a regional basis, and determine if the private sector can effectively compete and meet the requirement at equal or better quality and availability, for equal or less cost to the government. The Committee supports and encourages these efforts to privatize child care, and directs the Navy to report to the Committee on the current status and future plan of work in this area. HAC MILCON 105-150 pg 15

h. California--Twentynine Palms Marine Corps Air-Ground Combat Center: Traffic Safety

Last year a young Marine was killed as he rode his bicycle to work at the Twentynine Palms Marine Corps Air-Ground Combat Center. The Committee directs the Marine Corps to investigate possible improvements in the safety of bicycle traffic to and from the Center, to work with the City of Twentynine Palms toward providing a bicycle path for commuters to the Center, and to report to the Committee on these efforts to improve traffic safety. HAC MILCON 105-150 pg 15

i. Co-Composting Facility, Naval Education and Training Center, Newport, Rhode Island

The HNSC notes the proposal by local municipalities in the vicinity of the Naval Education and Training Center, Newport, Rhode Island, to construct and operate a co-composting facility for joint use with the Department of the Navy on unimproved real property which would be conveyed to a local municipality by the Department for this purpose. The committee directs the Secretary of the Navy to conduct a study of the feasibility of joint use of such a facility, including an assessment of the economic benefit to the Department of the Navy and environmental considerations. The Secretary shall submit a report on the Department's findings, including any recommendations, to the congressional defense committees. HNSC 105-132 pg 454

j. Inter-Departmental Land Transfer, Bellows Air Force Station, Hawaii

The HNSC notes the proposed transfer of certain lands at Bellows Air Force Station, Hawaii, from the administrative jurisdiction of the Department of the Air Force to the jurisdiction of the Department of the Navy for use by the Marine Corps for training activities. The committee understands that both military departments are currently assessing the costs and liabilities expected to accrue to both the Air Force and the Navy in the operation of the training area. The committee urges the military departments to expedite this transfer. The committee directs the Secretary of the Air Force and the Secretary of the Navy to report jointly to the congressional defense committees on issues relating to the proposed transfer including, but not limited to, an assessment of the costs and liabilities of each of the military departments in the management and operation of the training area, environmental effects of the proposed use of the lands for training purposes, and a proposed date for the transfer of jurisdiction from the Air Force to the Navy. The secretaries shall submit their report to the congressional defense committees. HNSC 105-132 pg 456

k. Report on Land Use at NAS Brunswick, Maine

The SASC recognizes there are initiatives by Federal and local agencies for dual commercial and military use of Federal property. Dual-use initiatives can be beneficial for both the Federal Government and local municipalities by maximizing land use at existing military installations. The committee believes a dual-use opportunity is feasible at Naval Air Station, Brunswick, Maine, and directs the Secretary of the Navy to evaluate the feasibility for dual military-civilian use and/or conveyance of real property at the Navy Air Station, Maine. The evaluation will include the operational impacts, financial factors, environmental issues, real estate requirements, and budget impacts of dual use or conveyance. SASC 105-29 pg 378

NON-MILCON CONSTRUCTION:

The following is in response to the requirement on page 24 of the FY 1988 Senate Appropriations Committee Report 100-200 and page 1006 of the FY 1988 Committee of Conference, House and Senate Appropriations Committees Report 100-498:

a. Operation and Maintenance, Navy*
   Maintenance and Repair: $849,200,000
   Minor Construction: $28,100,000

b. Operation and Maintenance, Marine Corps*
   Maintenance and Repair: $312,000,000
   Minor Construction: $26,000,000

c. Research and Development, Navy: $2,006,000

* Maintenance and repair figures reflect project and recurring maintenance requirements totals.

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N0540A	4. Command	5. Area Constr Cost Index
NAVAL OBSERVATORY STATION, FLAGSTAFF, ARIZONA	COMMANDER, NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND	0.97

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	0	0	19	0	0	0	0	0	0	19
b. End FY 2004	0	0	19	0	0	0	0	0	0	19

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	0
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	990
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	0
h.	**GRAND TOTAL.....**	**990**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
218.45	OPTIC INTERFEROMTR SUPPFA	447 M2	990	11/96	01/98
	TOTAL		990		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $0

10. Mission Or Major Functions:

Determine the positions and motions of celestial bodies, motions of earth, and precise time. Provide astronomical and timing data required by the Navy and other components of the Department of Defense for navigation, precise positioning, and command, control, and communications. Make these data available to other government agencies and to the general public. Conduct relevant research, and perform such other functions as may be directed by higher authority.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N0540A	4. Project Title
NAVAL OBSERVATORY, FLAGSTAFF, ARIZONA	OPTIC INTERFEROMETER SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0305112N	218.45	P-029	990

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OPTIC INTERFEROMETER FACILITY	M2	447	1,216.00	540
SUPPORTING FACILITIES	-	-	-	350
UTILITIES	LS	-	-	(170)
PAVING AND SITE IMPROVEMENT	LS	-	-	(90)
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(90)
SUBTOTAL	-	-	-	890
CONTINGENCY (5.0%)	-	-	-	40
TOTAL CONTRACT COST	-	-	-	930
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	60
TOTAL REQUEST	-	-	-	990
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Two-story, steel-frame building; concrete foundation; metal stud walls; metal roof; fire protection system; heating and ventilation; information systems; utilities; paving and site improvements; and special construction features including special HVAC equipment for clean room; special foundation for vibration isolation of optical tables; and, additional insulation to reduce heat waves.

11. Requirement: 447 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Constructs an optic interferometer support facility. (Current mission.)

REQUIREMENT:

Provide a facility for astrometric data collection and analysis as part of the Optic Interferometer Program. Facility will provide space for support and maintenance staff and optics testing with computer support and preparation spaces. It also provides a data communication link to Fleet and other DoD units. The interferometer is used for the determination of precise positions of stellar reference sources to define an inertial reference frame for weapons navigational systems, including guided munitions. This technology is needed to maintain the target accuracies for the Trident and Peacekeeper ballistic missile systems, as well as for aircraft, ground based systems, and tactical weapons. These star positions are also needed to support space surveillance operations for precise geolocation of targets needed for operations.

CURRENT SITUATION:

Currently, astronomers cannot conduct data collection and analysis required to support space surveillance, targeting, and navigational systems. Astronomers are currently working at the U.S. Observatory in Washington, DC on data which is collected from the interferometer located at Flagstaff, Arizona. The existing interferometer was completed in 1996 as a prototype to test the technology. The prototype proved so successful that a follow-

(Continued On DD 1391C…)

(…continued)

on interferometer originally planned is not required, thereby enabling the conversion of the prototype. Support and maintenance facilities are required for operational support Lack of support facilities allows for only monthly maintenance, calibration and data retrieval. Upon completion of the facility, twelve astronomers will be transferred to this facility allowing for full time maintenance and analysis.

IMPACT IF NOT PROVIDED:

Without this project, astronomers will not be able to relocate to Flagstaff and support the Optic Interferometer Program full-time. The Navy and DoD will not benefit from the success of the instrument on a full time basis. Strategic and tactical systems will not be provided with state of the art navigation inputs.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 11/96
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 01/98
- (D) Percent Complete As Of September 1997..... 65%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (60)
- (B) All Other Design Costs..... (30)
- (C) Total..... 90
- (D) Contract..... (80)
- (E) In-House..... (10)

(4) Construction Start..... 11/98

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

Installation POC: Conard Dahn, Phone: (520) 779-5132

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M62974	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION, YUMA, ARIZONA	COMMANDANT OF THE MARINE CORPS	1.05

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	62	827	317	89	45	0	424	4,023	728	6,515
b. End FY 2004	51	499	366	120	60	0	519	3,621	728	5,964

7. INVENTORY DATA

a.	TOTAL ACREAGE (462,616)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	194,770
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	11,010
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	23,196
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	9,991
g.	REMAINING DEFICIENCY.....	136,630
h.	**GRAND TOTAL.....**	**375,597**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ	6,715 m2	11,010	02/97	06/98
	TOTAL		11,010		

9. Future Projects:

a. Included In The Following Program (FY 2000):

740.43	FITNESS CTR ADDN	892	-	-
911.10	LAND ACQUISITION	14,700	-	-
421.22	STA ORDNANCE AREA (PH I)	7,604	-	-
	TOTAL	23,196		

b. Major Planned Next Three Years:

116.35	FY02 - COMBAT A/C LOADING APRON	9,991	-	-
	TOTAL	9,991		

c. Real Property Maintenance Backlog ($000): $46,218

10. Mission Or Major Functions:

Provide facilities, services, and material necessary to support major operating elements of a Marine Aircraft Wing, including aircraft maintenance, air-traffic control, and aviation ordnance handling.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M62974	4. Project Title
MARINE CORPS AIR STATION, YUMA, ARIZONA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	721.11	P-415	11,010

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	m2	6,715	1,377.00	9,250
SUPPORTING FACILITIES	-	-	-	650
UTILITIES	LS	-	-	(230)
PAVING AND SITE IMPROVEMENT	LS	-	-	(270)
DEMOLITION	LS	-	-	(150)
SUBTOTAL	-	-	-	9,900
CONTINGENCY (5.0%)	-	-	-	500
TOTAL CONTRACT COST	-	-	-	10,400
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	610
TOTAL REQUEST	-	-	-	11,010
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Three-story concrete frame building, masonry walls, concrete foundation and floors, sloped metal roof, air conditioning, fire protection system, 158 two-person rooms with private bath and built-in closets; freight elevator, CATV and telephone communications cabling, technical operating manuals, utilities, paving, site improvements, and demolition of two buildings. Grade Mix: 178 E1-E3; 69 E4-E5. Total: 247. Maximum Utilization: 316 E1-E3.

11. Requirement: 1,766 PN Adequate: 541 PN Substandard: (551) PN.

PROJECT:

Provides adequate billeting for 247 personnel using the "2x0" standard. (Current mission.)

REQUIREMENT:

Adequate and modern bachelor quarters which meet quality of life standards for enlisted personnel.

CURRENT SITUATION:

Personnel are housed in inadequate, 40-year-old, wooden barracks with gang heads and showers. These buildings are not in compliance with current life, safety, fire, and seismic requirements.

IMPACT IF NOT PROVIDED:

Personnel will continue to be housed in inadequate and unsafe buildings, and endure a lower quality of life to the detriment of morale and retention efforts

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M62974

MARINE CORPS AIR STATION, YUMA, ARIZONA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	P-415

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	02/97
(B) Date Design 35% Complete	06/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	50%
(E) Percent Complete As Of January 1998	80%

(2) Basis:

(A) Standard or Definitive Design: YES

(B) Where Design Was Most Recently Used: stndrd 2x0

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(590)
(B) All Other Design Costs	(410)
(C) Total	1,000
(D) Contract	(890)
(E) In-House	(110)

(4) Construction Start 12/98

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

C. Real Property Maintenance (past two years) ($000): 9,300

D. Future requirements for unaccompanied housing at this installation: 974 PN

Installation POC: Cdr William Gray, Phone: (520) 341-2051

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00681	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	COMMANDANT OF THE MARINE CORPS	1.10

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	286	1,066	1,542	69	5,477	0	2,213	29,019	3,908	43,580
b. End FY 2004	166	1,090	1,566	147	6,678	0	2,542	30,778	3,867	46,834

7. INVENTORY DATA

a.	TOTAL ACREAGE (186,061)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	985,610
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	28,240
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	2,300
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	61,642
g.	REMAINING DEFICIENCY.....	444,400
h.	**GRAND TOTAL.....**	**1,522,192**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BACHELOR ENLISTED QTRS	6,800 m2	12,400	03/97	06/98
721.11	BEQ	8,500 m2	15,840	03/97	06/98
	TOTAL		28,240		

9. Future Projects:

a. Included In The Following Program (FY 2000):

131.15	INTEGRATED COMM HUB	2,300	-	-
	TOTAL	2,300		

b. Major Planned Next Three Years:

214.51	FY01 - TACT VEHICLE MAINT FAC	8,358	-	-
740.43	FY02 - FITNESS CENTER/SAN ONOFRE	5,000	-	-
111.10	FY03 - HELO OUTLINE LAND FIELD	15,484	-	-
171.10	FY03 - STAFF NCO ACADEMY	14,000	-	-
721.11	FY03 - BACHELOR ENLISTED QUARTERS	15,700	-	-
116.55	FY02 - AMMUNITION HANDLING SITE	3,100	-	-
	TOTAL	61,642		

c. Real Property Maintenance Backlog ($000): $118,385

10. Mission Or Major Functions:

Provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00681	4. Project Title
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	721.11	P-024	12,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	m2	6,800	-	10,390
BUILDING	m2	6,800	1,513.00	(10,290)
BUILT-IN EQUIPMENT	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	750
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(270)
UTILITIES	LS	-	-	(270)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(210)
SUBTOTAL	-	-	-	11,140
CONTINGENCY (5.0%)	-	-	-	560
TOTAL CONTRACT COST	-	-	-	11,700
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	700
TOTAL REQUEST	-	-	-	12,400
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story reinforced concrete masonry building, concrete floors, pile foundation, 160 2x0 rooms, semi-private bath and built-in closets; service elevator, metal roofing, electrical, mechanical and plumbing systems, energy-saving electronic monitors, fire alarm and protection systems, recreation facilities/courts/ fields, CATV and telephone communications cabling, technical operating manuals, utilities, paving, and site improvements. Intended Grade Mix: 192 E1-E3; 64 E4-E5. Total 256. Maximum Utilization: 320 E1-E3.

11. Requirement: 14,029 PN Adequate: 9,944 PN Substandard: (842) PN.

PROJECT:

Constructs bachelor enlisted quarters to the "2x0" standard for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate housing that meets current quality of life standards.

CURRENT SITUATION:

Marines are housed in inadequate, open-bay, facilities constructed in the 1940's and 50's. These facilities are grossly lacking in quality of life requirements and are fire, safety, and seismically non-compliant.

IMPACT IF NOT PROVIDED:

Without this project, personnel will continue to be billeted in inadequate and unsafe buildings, and endure unnecessary quality of life hardships to the detriment of morale and retention efforts.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00681

MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	P-024

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	03/97
(B) Date Design 35% Complete	06/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	40%
(E) Percent Complete As Of January 1998	60%

(2) Basis:

(A) Standard or Definitive Design: YES

(B) Where Design Was Most Recently Used: stndrd 2x0

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(690)
(B) All Other Design Costs	(350)
(C) Total	1,040
(D) Contract	(920)
(E) In-House	(120)

(4) Construction Start 12/98

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

C. Real Property Maintenance (past two years) ($000): 33,900

D. Future requirements for unaccompanied housing at this installation: 10198 PN

Installation POC: Cdr Mark Sarles, Phone: (619) 725-5641

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00681	4. Project Title
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	721.11	P-999	15,840

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	m2	8,500	-	12,710
BUILDING	m2	8,500	1,475.00	(12,540)
BUILT-IN EQUIPMENT	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	-	-	-	1,520
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(280)
UTILITIES	LS	-	-	(650)
PAVING AND SITE IMPROVEMENT	LS	-	-	(590)
SUBTOTAL	-	-	-	14,230
CONTINGENCY (5.0%)	-	-	-	710
TOTAL CONTRACT COST	-	-	-	14,940
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	900
TOTAL REQUEST	-	-	-	15,840
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story reinforced concrete masonry building, concrete floors, pile foundation; 200 two-person rooms with semi-private baths and built-in closets; service elevator, metal roofing, electrical, mechanical and plumbing systems, energy-saving electronic monitors, fire alarm and protection systems, utilities, recreation facilities/courts/fields, paved walks, parking and roadway, access, CATV and telephone communications cabling, technical operating manuals, paving, and site improvements. Intended Grade Mix: 251 E1-E3; 75 E4-E5. Total: 326. Maximum Utilization: 400 E1-E3.

11. Requirement: 14,029 PN Adequate: 9,944 PN Substandard: (842) PN.

PROJECT:

Constructs bachelor enlisted quarters to the "2x0" standard for 326 enlisted personnel. (Current mission.)

REQUIREMENT:

Adequate housing that meets current quality of life standards.

CURRENT SITUATION:

Personnel are housed in inadequate, 40-year old facilities with gang heads and showers. These buildings are not in compliance with current life, safety, fire and seismic/structural requirements, and are inadequate.

IMPACT IF NOT PROVIDED:

Personnel will continue to be housed in inadequate and unsafe buildings, and endure unnecessary quality of life hardships to the detriment of morale and retention efforts.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00681

MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	P-999

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	03/97
(B) Date Design 35% Complete	06/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	40%
(E) Percent Complete As Of January 1998	60%

(2) Basis:

(A) Standard or Definitive Design: YES

(B) Where Design Was Most Recently Used: stndrd 2x0

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(960)
(B) All Other Design Costs	(480)
(C) Total	1,440
(D) Contract	(1,280)
(E) In-House	(160)

(4) Construction Start 12/98

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

C. Real Property Maintenance (past two years) ($000): 33,900

D. Future requirements for unaccompanied housing at this installation: 10198 PN

Installation POC: Cdr Mark Sarles, Phone: (619) 725-5641

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N60530	4. Command	5. Area Constr Cost Index
NAVAL AIR WARFARE CENTER, WEAPONS DIV, CHINA LAKE, CALIFORNIA	NAVAL AIR SYSTEMS COMMAND	1.29

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	91	644	3,711	0	0	0	10	30	0	4,486
b. End FY 2004	138	691	4,044	0	0	0	10	30	0	4,913

7. INVENTORY DATA

a.	TOTAL ACREAGE (1,102,684)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	364,490
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,240
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	46,530
g.	REMAINING DEFICIENCY.....	144,640
h.	**GRAND TOTAL.....**	**558,900**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
421.72	MISSILE MAGAZINE	1,140 M2	3,240	01/97	08/98
	TOTAL		3,240		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

371.12	FY01 - MISSILE ORDN RANGE FAC	5,100	-	-
141.70	FY01 - AIRTRAFFIC CONTROL TOWER	4,000	-	-
321.10	FY03 - SURV LIVE FIRE TEST&EVAL	12,100	-	-
318.15	FY01 - PROPULSION FUEL LAB REPL	23,000	-	-
390.18	FY02 - MISSILE MOTOR TEST FAC UPG	2,330	-	-
	TOTAL	46,530		

c. Real Property Maintenance Backlog ($000): $75,824

10. Mission Or Major Functions:

Principal Navy RDT&E center for air warfare and missile weapons systems. Maintains the primary in-house research and development capability for systems, subsystems and technologies included but not limited to strike aircraft/weapons systems and concept development; air launched weapons and associated avionics systems including aircraft guns and ammunition, guided and unguided weapons, aircraft weapons control and aircraft/ weapons interface, tactical missiles; subsystems for weapons systems which include propulsion, guidance and control, warheads, fuel and launchers; strike warfare countermeasures; weather modification; and parachute test and evaluation.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N60530	4. Project Title
NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA	MISSILE MAGAZINE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0605001N	421.72	P-229	3,240

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
MISSILE MAGAZINE	M2	1,140	-	2,350
HIGH PERFORMANCE MAGAZINE	M2	1,140	2,017.00	(2,300)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	560
UTILITIES	LS	-	-	(170)
PAVING AND SITE IMPROVEMENT	LS	-	-	(300)
DEMOLITION	LS	-	-	(90)
SUBTOTAL	-	-	-	2,910
CONTINGENCY (5.0%)	-	-	-	150
TOTAL CONTRACT COST	-	-	-	3,060
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	180
TOTAL REQUEST	-	-	-	3,240
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

High performance magazine of reinforced concrete floor, earthern bermed lightweight concrete walls; rigid metal frame and roof over storage bays and loading dock; environmentally controlled systems and Seismic IV construction; bridge cranes, security fencing, paving, and site improvements, technical operating manuals, and demolition of three magazines.

11. Requirement: 1,140 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Construct high-performance missile magazine. (Current mission.)

REQUIREMENT:

Adequate storage facilities required by this activity's mission for the storage of large missiles and missile motors on a ready for use basis. Due to the size and weight of the missiles, handling procedures must include fork lift access both inside and outside the magazines. Modern containerization, palletization and handling require forklift or crane handling and stacking of large missiles in magazines. The magazines will support Fleet and R&D programs. This support extends to a fleet test squadron, VX-9; the Weapons Test Squadron (WTS); numerous tactical fleet squadrons; fleet problem resolution and retrofit programs; Joint Service exercises; various Foreign Missile Exploitation (FME) and Foreign Military Sales (FMS) programs. They are also used by programs that utilize the activity's test tracks and ranges. The magazines will provide adequate storage for modern weapons and surplus, modified missiles used for testing, including Harpoon, SLAM, Tomahawk, Sergeant, Nike, FME, and HARM, that cannot be accommodated in existing facilities.

CURRENT SITUATION:

The activity's magazines are 1940's vintage, obsolete for storage of large

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N60530

NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA

4. Project Title	7. Project Number
MISSILE MAGAZINE	P-229

(…continued)

missiles and are showing major signs of deterioration due to rusting of their steel plate arch. The most severe rusting caused the abandonment of three magazines included for demolition under this project and a fourth that failed structurally. All four magazines showing structural failure have been taken out of service. Obsolescence, including magazine access and the arched roof, limits handling to hand operated lifts and missile storage to a marginally safe operation. Missiles that are 3'x3'x13' to 20' long, weighing between 3,000 and 8,000 pounds do not fit. There is only one magazine considered adequate for large missile storage, and it is being utilized by the TRIDENT program. Open storage is not an alternative because of security and climate extremes in the desert.

IMPACT IF NOT PROVIDED:

The need for adequate large missile storage will continue as standoff weapons are used to keep launch platforms out of the battlefield environment. If not provided, the Station will have to lease Army storage space, if made available, at Hawthorne, Nevada and truck missiles for a 560 mile round trip for an annual cost of $500K in order to meet ready for use requirements.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: stndrd

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (200)
- (B) All Other Design Costs..... (100)
- (C) Total..... 300
- (D) Contract..... (260)
- (E) In-House..... (40)

(4) Construction Start..... 11/98

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

Installation POC: Capt William Ostag, Phone: (619) 939-2211

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION, LEMOORE, CALIFORNIA	COMMANDER IN CHIEF, PACIFIC FLEET	1.17

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	637	3,941	926	2	184	0	44	105	0	5,839
b. End FY 2004	785	4,697	984	0	0	0	44	105	0	6,615

7. INVENTORY DATA

a.	TOTAL ACREAGE (39,173)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	204,600
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	20,640
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	23,710
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	81,630
g.	REMAINING DEFICIENCY.....	50,550
h.	**GRAND TOTAL.....**	**381,130**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
421.72	WEAPONS ASSEMBLY FAC IMPRV	2,437 m2	9,430	09/96	09/97
211.08	AIRFRAMES FAC MODS	2,230 M2	1,510	06/97	06/98
171.20	TRAINING FACILITY ADDN	2,230 M2	4,270	06/97	06/98
211.05	HANGAR RENOVATIONS	10,815 M2	5,430	06/97	06/98
	TOTAL		20,640		

9. Future Projects:

a. Included In The Following Program (FY 2000):

116.35	AIRCRAFT ORD LOADING FACS	11,600	-	-
171.20	F/A-18E/F FIGHTER WPNS SCH	3,810	-	-
211.21	F/A-18E/F ENGNE MAINT SHOP	2,400	-	-
211.54	F/A-18E/F ARMAMENTS SHOP	5,900	-	-
	TOTAL	23,710		

b. Major Planned Next Three Years:

740.43	FY03 - FITNESS CENTER ADDN	5,100	-	-
730.81	FY03 - NAVY CAAC (F/A-18E/F)	2,630	-	-
740.55	FY03 - YOUTH CENTER (F/A-18E/F)	1,900	-	-
740.74	FY03 - CHILD DEVELOPMENT CENTER	2,400	-	-
724.11	FY03 - BOQ (F/A-18E/F)	3,900	-	-
721.12	FY02 - BEQ (E5-6)	16,200	-	-
721.11	FY02 - BEQ (E1-E4(F/A-18E/F))	28,000	-	-
721.11	FY01 - BEQ	21,500	-	-
	TOTAL	81,630		

c. Real Property Maintenance Backlog ($000): $88,190

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and materials to support operations of aviation activities of the Pacific Fleet. As part of Base Closure 93, this base will be the homeport for all Pacific Fleet F-14 and E-2C squadrons; in addition to the F/A-18 squadrons based there today. Fleet Light Attack (F/A-18) Squadrons Replacement Training Squadron

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION, LEMOORE, CALIFORNIA	COMMANDER IN CHIEF, PACIFIC FLEET	1.17

(…continued)

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042	4. Project Title
NAVAL AIR STATION, LEMOORE, CALIFORNIA	TRAINING FACILITY ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204696N	171.20	P-185	4,270

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
TRAINING FACILITY ADDITION	M2	2,230	1,382.00	3,080
SUPPORTING FACILITIES	-	-	-	760
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(160)
ELECTRICAL UTILITIES	LS	-	-	(220)
MECHANICAL UTILITES	LS	-	-	(220)
PAVING AND SITE IMPROVEMENT	LS	-	-	(160)
SUBTOTAL	-	-	-	3,840
CONTINGENCY (5.0%)	-	-	-	190
TOTAL CONTRACT COST	-	-	-	4,030
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	240
TOTAL REQUEST	-	-	-	4,270
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(39,874)

10. Description of Proposed Construction

One-story, high-bay building addition; classrooms and administrative area for six maintenance trainers; heating, ventilating, laboratory environmental controls including work station vacuum, air circulation and filtration, air conditioning systems; improvements to the existing electrical and mechanical utilities; Seismic Zone 4 construction and fire protection criteria; connection to existing utilities and computer network system.

11. Requirement: 6,448 M2 Adequate: 4,218 M2 Substandard: (4,779) M2.

PROJECT:

Constructs an addition to the Naval Air Maintenance Training (NAMTRA) building for the NAMTRA Detachment to accommodate the increased training requirement associated with the introduction of the F/A-18 E/F aircraft. It will also reallocate spaces to accommodate F/A-18 E/F Environmental Controls Systems trainer and Landing Gear/Hydraulic Systems trainer. (New mission.)

REQUIREMENT:

Adequate and properly-configured facility to provide space and utilities for a set of six additional trainers and 12 associated classrooms for organizational level maintenance training, trainers, and classrooms for intermediate level training, naval air operations and maintenance training hangar, and testing spaces. Introduction of the F/A-18E/F aircraft requires an expansion and modification of NAMTRADET facilities at Lemoore.

CURRENT SITUATION:

The existing NAMTRA facilities are fully utilized in support of the F/A-18 aircraft community now based at Lemoore. Space deficiencies exist for the following trainer functions: avionics, fuel systems, flight controls, "I" level engine room, and 12 classrooms. In the latter part of 1999, the Navy plans to begin replacing older aircraft (F-14s) currently operating in the

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042

NAVAL AIR STATION, LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
TRAINING FACILITY ADDITION	P-185

(…continued)

fleet from both land bases and aircraft carriers throughout the world with one new F/A-18 E/F (Super Hornet) aircraft. NAS Lemoore will accommodate four additional fleet squadrons and one fleet replacement squadron of F/A-18 E/F aircraft between 1999 and 2003. Currently, NAMTRADET provides organizational and intermediate level aircraft maintenance instruction for ten fleet F/A-18 A/D squadrons and one fleet replacement squadron. Instruction by NAMTRADET is also provided to foreign military personnel and other squadrons throughout the Pacific region. The existing facility does not contain sufficient resources to accommodate the specialized training required to support instruction on the F/A-18 E/F aircraft. Instructor support spaces are allocated based on the number of instructors (50). Student support spaces are allocated based on an average on-board student loading of 142. The administrative space requirement will be incorporated into the existing NAMTRADET staff.

IMPACT IF NOT PROVIDED:

The F/A-18 E/F aircraft scheduled for introduction beginning in late FY 1999 represent a total new weapon system investment of over $3 billion. Without this project, adequate space will not be avilable to support the additional 30 instructors and 900 students resulting from the introduction of the F/A-18 E/F. Efficient support of aircraft maintenance will not be achieved.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (260)
- (B) All Other Design Costs..... (130)
- (C) Total..... 390
- (D) Contract..... (350)
- (E) In-House..... (40)

(4) Construction Start..... 10/98

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

(…continued)

MAINTENANCE TRAINING SYSTEM	APN	1997	39,874
		TOTAL	39,874

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042	4. Project Title
NAVAL AIR STATION, LEMOORE, CALIFORNIA	HANGAR RENOVATIONS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204696N	211.05	P-195	5,430

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
HANGAR RENOVATIONS	M2	10,815	425.00	4,600
SUPPORTING FACILITIES	-	-	-	280
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(80)
UTILITIES	LS	-	-	(100)
PAVING, SITE IMPRS, AND DEMOLITION	LS	-	-	(100)
SUBTOTAL	-	-	-	4,880
CONTINGENCY (5.0%)	-	-	-	240
TOTAL CONTRACT COST	-	-	-	5,120
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	310
TOTAL REQUEST	-	-	-	5,430
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Modify and renovate hangar shops, administrative spaces; modify hangar deck from a five module configuration to four; restroom expansion; sensitive compartmented information facility (SCIF) construction; fire protection system, heating, ventilating and electrical utilities systems upgrades; paint both interior and exterior, repair roofs and upgrade the adjacent aircraft parking apron (re-striping), and demolition.

11. Requirement: 10,815 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Rehabilitate and modernize Hangar 4 to accommodate four new F/A-18 "F" type fleet squadrons. (New mission.)

REQUIREMENT:

Adequate and properly-configured facilities to accommodate the introduction of F/A-18 E/F aircraft (replacement for the F-14) at this station. The first of four F/A-18 E/F squadrons will be based at Lemoore by November 1999. Hangar 4 was originally constructed to support A4 aircraft and requires modification to support the new F/A-18 E/F squadrons. Also required is SCIF space to support F/A-18 E/F flight operations for briefing and debriefing training flight crews.

CURRENT SITUATION:

Hangar 4 has been vacated for over four years. Hangar bay, maintenance, and administrative spaces are in disrepair, and require complete modification to accommodate the new squadrons. Hangar modules are not properly configured to support F/A-18 squadrons.

IMPACT IF NOT PROVIDED:

Without this project, the squadron's ability to perform its mission would be adversely impacted. Efficient support of aircraft operations and maintenance will not be achieved. Existing hangar configurations will not support F/A-18 E/F operations.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042

NAVAL AIR STATION, LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
HANGAR RENOVATIONS	P-195

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	06/97
(B) Date Design 35% Complete	09/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	35%
(E) Percent Complete As Of January 1998	50%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(330)
(B) All Other Design Costs	(170)
(C) Total	500
(D) Contract	(440)
(E) In-House	(60)

(4) Construction Start 10/98

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

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042	4. Project Title
NAVAL AIR STATION, LEMOORE, CALIFORNIA	AIRFRAMES FACILITY MODIFICATIONS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204696N	211.08	P-183	1,510

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRFRAMES FACILITY MODIFICATIONS	M2	2,230	506.00	1,130
SUPPORTING FACILITIES	-	-	-	220
UTILITIES	LS	-	-	(220)
SUBTOTAL	-	-	-	1,350
CONTINGENCY (5.0%)	-	-	-	70
TOTAL CONTRACT COST	-	-	-	1,420
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	90
TOTAL REQUEST	-	-	-	1,510
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Renovates and modifies a single story steel-frame and concrete masonry unit building; upgrade airframe shops layouts; provide shop space for tire and wheel, non-destructive inspection, fiberglass repair, hydraulics and pnuematics systems, structures, machine, welding, cleaning and painting; heating, ventilating, and air-conditioning, electrical and mechanical utilities, and fire protection systems; seismic zone 4 construction.

11. Requirement: 2,230 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Modify the existing shop layouts and upgrade the equipment of the existing facility to accommodate maintenance of the new F/A-18 E/F aircraft airframe system parts and components. (New mission.)

REQUIREMENT:

Adequate facilities to provide intermediate maintenance services for the existing F/A-18 aircraft currently stationed at NAS Lemoore and accommodate the introduction of the F/A-18E aircraft at this station beginning November 1999. The shops that need expansion and/or additional spaces are: tire and wheel, nondestructive inspection, fiberglass inspection and repair, hydraulics and pneumatics, structures, machine, cleaning, painting and welding. The existing airframes shops provide the space, utilities, and equipment required to disassemble, clean, repair, modify, assemble, and test airframe systems parts and components to the current F/A-18 aircraft. There is no excess capacity available to provide the services for the F/A-18 E/F aircraft as they arrive. Planned loading is 258 F/A-18(A-F) aircraft. Administrative support space in this facility is required for 18 personnel.

CURRENT SITUATION:

The existing facility is fully utilized in support of the F/A-18 aircraft now based at Lemoore. In 1999, the Navy plans to begin the replacement of older aircraft currently operating in the Navy Fleet with the new F/A-18 E/F aircraft (Super Hornets). It is anticipated that NAS Lemoore will receive four standard fleet squadrons and one fleet replacement squadron of F/A-18 E/F aircraft between 1999 and 2003. NAS Lemoore currently provides

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042

NAVAL AIR STATION, LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
AIRFRAMES FACILITY MODIFICATIONS	P-183

(…continued)

aircraft intermediate maintenance for 10 Fleet squadrons and one Fleet replacement squadron of F/A-18 A/D variants in the airframes shop located within Bldg. 188. The total airframes shop space is not configured to accommodate the upcoming changes in airframes system parts and components inherent in the new F/A-18 E/F aircraft. Modifications and upgrades to this facility will allow it to meet the requirements for the new aircraft.

IMPACT IF NOT PROVIDED:

Without this project, the Navy will not be able to provide efficient and adequate aircraft maintenance for the new F/A-18 E/F aircraft.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (90)
- (B) All Other Design Costs..... (50)
- (C) Total..... 140
- (D) Contract..... (120)
- (E) In-House..... (20)

(4) Construction Start..... 10/98

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

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042	4. Project Title
NAVAL AIR STATION, LEMOORE, CALIFORNIA	WEAPONS ASSEMBLY FACILITY IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204696N	421.72	P-105B	9,430

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WEAPONS ASSEMBLY FACILITY IMPROVEMENTS	m2	2,437	-	3,620
BUILDING	m2	467	2,516.00	(1,170)
MISSILE MAGAZINE	m2	500	1,900.00	(950)
SHIPPING AND RECEIVING AREA	m2	372	1,330.00	(490)
ORDNANCE OPERATIONS BUILDING ADDITION	m2	232	1,486.00	(340)
BUILDING MODIFICATIONS	m2	260	1,490.00	(390)
TRUCK HOLDING AND PACKING AREA	m2	606	220.00	(130)
MISSILE MAGAZINE RENOVATION	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	4,860
ELECTRICAL UTILITIES	LS	-	-	(1,000)
MECHANICAL UTILITIES	LS	-	-	(1,000)
PAVING AND SITE IMPROVEMENT	LS	-	-	(2,860)

SUBTOTAL	-	-	-	8,480
CONTINGENCY (5.0%)	-	-	-	420

TOTAL CONTRACT COST	-	-	-	8,900
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	530

TOTAL REQUEST	-	-	-	9,430
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Improvements to include pre-engineered building for weapons assembly; one reinforced concrete Type "C" box missile magazine; widening of doors to five existing magazines; packaging/receiving facility; packing area and building addition, ordnance operations building; technical operating manuals, toilet, store rooms, tool/support rooms, monorail, hoist systems, pneumatic utility systems, fire and lightning protection, and explosive proof electrical systems.

11. Requirement: 2,437 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Provides a new missile magazine and improvements to an existing facility to accommodate weapons assembly. (Current mission.)

REQUIREMENT:

Adequate facilities to support unwaived ordnance operations. This project will eliminate three existing CNO waivers that were approved to permit ordnance handling/storage on an interim basis pending completion of facility improvements. The magazine has larger doors, which are required to support the new, longer missiles, such as SLAM, AMRAAM, HARPOON, and others.

CURRENT SITUATION:

Storage and assembly of live ordnance is done in inadequate and antiquated facilities under waiver conditions.

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63042

NAVAL AIR STATION, LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
WEAPONS ASSEMBLY FACILITY IMPROVEMENTS	P-105B

(…continued)

Without this project, operations will continue in inadequate facilities. Waivered conditions will remain, which affects ordnance and personnel safety

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 09/96
- (B) Date Design 35% Complete..... 11/96
- (C) Date Design Complete..... 09/97
- (D) Percent Complete As Of September 1997..... 100%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (570)
- (B) All Other Design Costs..... (280)
- (C) Total..... 850
- (D) Contract..... (750)
- (E) In-House..... (100)

(4) Construction Start..... 11/98

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

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67865	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA	COMMANDANT OF THE MARINE CORPS	1.15

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	15	338	0	0	0	0	326	2,500	0	3,179
b. End FY 2004	101	678	671	48	117	0	1,005	7,906	1,592	12,118

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	0
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	29,570
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	5,258
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	6,830
g.	REMAINING DEFICIENCY.....	0
h.	**GRAND TOTAL.....**	**41,658**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ	19,802 m2	29,570	05/94	09/95
	TOTAL		29,570		

9. Future Projects:

a. Included In The Following Program (FY 2000):

740.74	CHILD DEVELOPMENT CENTER	5,258	-	-
	TOTAL	5,258		

b. Major Planned Next Three Years:

179.40	FY02 - RIFLE/PISTOL RANGE	6,830	-	-
	TOTAL	6,830		

c. Real Property Maintenance Backlog ($000): $50,564

10. Mission Or Major Functions:

To maintain and operate facilities and provide services and material to support operation of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67865	4. Project Title
MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	721.11	P-002	29,570

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	M2	19,802	1,090.00	21,580
SUPPORTING FACILITIES	-	-	-	4,990
UTILITIES, PAVING, AND SITE IMPROVEMENT	LS	-	-	(4,000)
DEMOLITION	LS	-	-	(990)
SUBTOTAL	-	-	-	26,570
CONTINGENCY (5.0%)	-	-	-	1,330
TOTAL CONTRACT COST	-	-	-	27,900
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	1,670
TOTAL REQUEST	-	-	-	29,570
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Three-story, reinforced masonry, concrete and steel-frame buildings, concrete foundations and floors, sloped standing seam metal roofs, air conditioning, fire protection systems, sound attenuation features, utilities, 372 1x1 modules with semi-private bathrooms and walk-in closets, lounges, laundry, vending areas, separate mechanical buildings, paving, site improvements, and demolition of nine buildings. Intended Grade mix: E1-E4: 462, E5: 141. Total 603. Maximum Utilitization: 744 E1-E4.

11. Requirement: 3,963 PN Adequate: 1,731 PN Substandard: (240) PN.

PROJECT:

Provides adequate bachelor housing for 603 enlisted personnel to the "1x1" standard. (New mission.)

REQUIREMENT:

Adequate bachelor housing that meets quality of life standards.

CURRENT SITUATION:

The existing facilities are 43-45 years old and are not in compliance with life safety codes, seismic codes, or environmental criteria (the presence of polychlorinated byphenols, lead-based paint, and vinyl-asbestos tile). These facilities cannot be economically upgraded and have been determined to be inadequate. The existing buildings will be demolished to provide a site for the new bachelor enlisted quarters.

IMPACT IF NOT PROVIDED:

Personnel will continue to be billeted in unsafe, inadequate quarters. The quality of life for personnel assigned to this station will be adversely affected with a detrimental effect on safety, morale, and retention efforts.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67865

MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	P-002

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 05/94
- (B) Date Design 35% Complete..... 12/94
- (C) Date Design Complete..... 09/95
- (D) Percent Complete As Of September 1997..... 100%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: stndrd 1x1

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (1,770)
- (B) All Other Design Costs..... (890)
- (C) Total..... 2,660
- (D) Contract..... (2,370)
- (E) In-House..... (290)

(4) Construction Start..... 10/98

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

C. Real Property Maintenance (past two years) ($000): 4,100

D. Future requirements for unaccompanied housing at this installation: 1522 PN

Installation POC: Tony Ray, Phone: (714) 726-4341

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00246	4. Command	5. Area Constr Cost Index
NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA	COMMANDER IN CHIEF PACIFIC FLEET	1.43

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	20	268	183	0	0	0	0	0	0	471
b. End FY 2004	23	315	176	0	0	0	0	0	0	514

7. INVENTORY DATA

a.	TOTAL ACREAGE (46,575)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	416,300
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	8,350
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	55,310
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	12,800
g.	REMAINING DEFICIENCY.....	133,150
h.	**GRAND TOTAL.....**	**625,910**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ	2,970 m2	8,350	06/97	01/98
	TOTAL		8,350		

9. Future Projects:

a. Included In The Following Program (FY 2000):

151.20	CVN BERTHING WHARF	55,310	-	-
	TOTAL	55,310		

b. Major Planned Next Three Years:

740.74	FY03 - CHILD DEVELOPMENT CENTER	6,400	-	-
143.65	FY02 - TACTICAL SUPPORT CENTER	6,400	-	-
	TOTAL	12,800		

c. Real Property Maintenance Backlog ($000): $88,316

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and material to support operations of aviation activities and units of the Pacific Fleet. Helicopter Airlift Squadrons Reserve Squadrons ASW Helicopter Squadrons (SH-2, SH-60) Submarine Development Group Carrier-Based ASW Squadrons (S-3) Deep Submergence Vehicles Carrier-Based ASW Helicopter Squadrons (SH-3) Commander, Naval Air Forces, Pacific Naval Aviation Depot Marine Barracks Helicopter Training Squadrons S-3 ASW Training Squadron Carrier On-Board Delivery Squadron Aircraft Carrier Homeport

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00246	4. Project Title
NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204696N	721.11	P-555	8,350

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	M2	2,970	-	5,980
BUILDING	M2	2,970	1,980.00	(5,880)
INFORMATION SYSTEM	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	1,520
UTILITIES	LS	-	-	(700)
PAVING AND SITE IMPROVEMENT	LS	-	-	(380)
DEMOLITION	LS	-	-	(380)
ENVIRONMENTAL MITIGATION	LS	-	-	(60)
SUBTOTAL	-	-	-	7,500
CONTINGENCY (5.0%)	-	-	-	380
TOTAL CONTRACT COST	-	-	-	7,880
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	470
TOTAL REQUEST	-	-	-	8,350
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Two-story building, permanent construction; 45 modules with two private sleeping/living rooms, kitchenettes, walk-in closets, adjoining full semi-private baths shared by up to two persons, lobbies, laundries, training rooms, exercise rooms, game room, video room, vending, administrative spaces, storage, mechanical rooms; ventilation, air conditioning, utilities, paving, and site improvements; demolition of seven buildings; improvements to the sewage treatment plant; environmental mitigation for the Island Night lizard. Intended Grade Mix: 30 E1-E4, 30 E5-E9. Total: 60. Maximum Utilization by 90 E1-E4.

11. Requirement: 60 PN Adequate: 0 PN Substandard: (135) PN.

PROJECT:

Constructs bachelor enlisted quarters in compliance with Department of Defense "1+1" criteria for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate berthing for male and female personnel assigned to this facility.

CURRENT SITUATION:

Existing facilities were constructed in the 1940's, are overcrowded, undersized, without adequate private toilets, and the utilities are deteriorated and cannot be expanded.

IMPACT IF NOT PROVIDED:

Without this project, personnel will continue to be berthed in inadequate facilities to the detriment of morale and career retention efforts.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00246

NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	P-555

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 01/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: SClemente

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (510)
- (B) All Other Design Costs..... (260)
- (C) Total..... 770
- (D) Contract..... (680)
- (E) In-House..... (90)

(4) Construction Start..... 10/98

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

C. Real Property Maintenance (past two years) ($000): 17,454

D. Future requirements for unaccompanied housing at this installation: 104 PN

Installation POC: Capt Raymond Mello, Phone: (619) 545-1113

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63406	4. Command	5. Area Constr Cost Index
NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA	COMMANDER IN CHIEF, PACIFIC FLEET	1.15

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	349	3,298	3,134	2	22	0	53	364	0	7,222
b. End FY 2004	259	1,395	1,588	0	0	0	46	277	0	3,565

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	0
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	11,400
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	16,600
h.	**GRAND TOTAL.....**	**28,000**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
213.65	SUBMARINE SUPPT FAC	662 M2	11,400	06/97	06/98
	TOTAL		11,400		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $16,080

10. Mission Or Major Functions:

Serves as homeport for operations attack submarines of the Pacific Fleet, providing refit, maintenance, replenishment, training and ordnance support.
Two Submarine Tenders Commander, Submarine Group Five Two
Submarine Squadrons Commander, Submarine Development Group One

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63406	4. Project Title
NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA	SUBMARINE SUPPORT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204896N	213.65	P-126	11,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SUBMARINE SUPPORT FACILITY	M2	662	-	8,380
BUILDING	M2	662	3,650.00	(2,420)
BUILT-IN EQUIPMENT	LS	-	-	(5,700)
TECHNICAL OPERATING MANUALS	LS	-	-	(260)
SUPPORTING FACILITIES	-	-	-	1,860
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(580)
MECHANICAL UTILITIES	LS	-	-	(460)
ELECTRICAL UTILITIES	LS	-	-	(460)
PAVING, SITE IMPROVEMENTS, AND DEMOLITION	LS	-	-	(360)

SUBTOTAL	-	-	-	10,240
CONTINGENCY (5.0%)	-	-	-	510

TOTAL CONTRACT COST	-	-	-	10,750
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	650

TOTAL REQUEST	-	-	-	11,400
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

High-bay building, precast concrete piles, cast-in-place concrete grade beams and floor slab, concrete walls with floor to wall controlled joints; built-up roof membrane over metal decking and steel framing; 10-ton overhead electric traveling crane; detection and monitoring alarm systems; telecommunications systems; fire protection system, Seismic Zone 4 construction, utilities, paving, site improvements, and demolition of one concrete pad and temporary shed.

11. Requirement: 662 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Constructs a submarine support facility. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to accommodate an authorized radiological processing facility including radiological liquid and solid waste processing; contaminated gage calibration; radiochemistry analysis; and controlled equipment material storage for operational maintenance for nuclear-powered submarines.

CURRENT SITUATION:

The submarine tender USS MCKEE currently performs requisite maintenance and repair work on all nuclear-powered submarines berthed at this base. Because of reductions in the Armed Forces and infrastructure to make funding available for modernization, the Navy plans to decommission the MCKEE and replace it with shore-based maintenance capability. All maintenance performed by MCKEE will be integrated into existing Naval Port San Diego shore facilities wherever possible. However, there is a need for drydocking and radiological propulsion plant support facility to be

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63406

NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
SUBMARINE SUPPORT FACILITY	P-126

(…continued)

collocated with the submarines. Specifically, processing of radiological waste generated during drydocking for maintenance.

IMPACT IF NOT PROVIDED:

After the USS MCKEE decommissions, if no new facilities are constructed, nuclear-powered submarines berthed in San Diego would be required to transit to Pearl Harbor or Puget Sound Naval Shipyards for radiological propulsion plant maintenance and repairs. This additional time deployed from San Diego would result in unacceptable adverse effects on personnel and turn around ratios, ultimately reducing the size of the deployable submarine force and impacting forward presence and the ability to meet oveseas commitments.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	06/97
(B) Date Design 35% Complete	08/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	35%
(E) Percent Complete As Of January 1998	50%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(720)
(B) All Other Design Costs	(360)
(C) Total	1,080
(D) Contract	(960)
(E) In-House	(120)

(4) Construction Start 11/98

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

Installation POC: LT Pete Campbell, Phone: (619) 553-7144

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00171	4. Command	5. Area Constr Cost Index
COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA	CHIEF OF NAVAL OPERATIONS	0.96

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	1,433	1,680	4,994	3	1	0	0	0	0	8,111
b. End FY 2004	1,111	1,101	5,151	0	0	0	0	0	0	7,363

7. INVENTORY DATA

a.	TOTAL ACREAGE (467)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	199,390
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	790
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	25,300
h.	**GRAND TOTAL.....**	**225,480**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
740.45	FITNESS CENTER	489 M2	790	04/97	07/98
	TOTAL		790		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $212,753

10. Mission Or Major Functions:

Provide personnel support and logistics for Naval commands in the Washington area, including personnel, administrative, public works, supply, waterfront and harbor services. Chesapeake Division Naval Facilities Engineering Command Naval Historical Center Naval Weapons Engineering Support Activity Naval Data Automation Command

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00171	4. Project Title
COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA	FITNESS CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0901296N	740.45	P-336	790

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FITNESS CENTER	M2	489	1,460.00	710
SUBTOTAL	-	-	-	710
CONTINGENCY (5.0%)	-	-	-	40
TOTAL CONTRACT COST	-	-	-	750
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	40
TOTAL REQUEST	-	-	-	790
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Roof system, exterior and interior entrances; interior partitions, locker room facilities, paving and site improvements. Fire protection systems, information systems, and interior demolition.

11. Requirement: 489 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Constructs a fitness center within Building 22 at the Washington Navy Yard to service 2,300 military personnel. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facilities to support mandatory physical fitness participation required of all active duty military personnel assigned to the Washington Navy Yard.

CURRENT SITUATION:

The two existing fitness centers are classified as inadequate in both condition and configuration. They are too small, require duplicative operation support, and their poor condition requires excessive maintenance. The backlog of maintenance and repair in these two facilities totals $782,000. Even if this backlog was eliminated, the existing facilities would still be classified as inadequate because of their layout and locker room size.

IMPACT IF NOT PROVIDED:

Without this project, the military population of the Washington Navy Yard will not have adequate fitness facilities for maintaining physical health.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 04/97

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00171

COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA

4. Project Title	7. Project Number
FITNESS CENTER	P-336

(…continued)

(B) Date Design 35% Complete..... 09/97
(C) Date Design Complete..... 07/98
(D) Percent Complete As Of September 1997..... 35%
(E) Percent Complete As Of January 1998..... 40%

(2) Basis:
(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... (50)
(B) All Other Design Costs..... (20)
(C) Total..... 70
(D) Contract..... (60)
(E) In-House..... (10)

(4) Construction Start..... 10/98

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

Installation POC: CDR Fredrick Gerheiser, Phone: (202) 433-2233

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00213	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION, KEY WEST, FLORIDA	COMMANDER IN CHIEF, ATLANTIC FLEET	1.08

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	179	1,155	497	0	2	0	0	0	0	1,833
b. End FY 2004	157	1,005	506	0	4	0	0	0	0	1,672

7. INVENTORY DATA

a.	TOTAL ACREAGE (5,978)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	151,970
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,730
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	4,000
g.	REMAINING DEFICIENCY.....	5,510
h.	**GRAND TOTAL.....**	**165,210**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
740.74	CHILD DEVELOPMENT CENTER	1,363 m2	3,730	12/96	05/98
	TOTAL		3,730		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

841.40	FY02 - POTABLE WATER STORAGE DIST		4,000	-	-
	TOTAL		4,000		

c. Real Property Maintenance Backlog ($000): $41,693

10. Mission Or Major Functions:

Maintains and operates an air station to support training of flight crews using tactical aircraft and conducting training exercises in the Caribbean Sea and in the Gulf. Provides waterfront support and berthing facilities for up to five surface combatants operating in the area on forward deployment. Major units supported include: Two aircraft squadrons (30 aircraft) Coast Guard Units Naval Intelligence and Security Detachments Air Force Air Defense Units U. S. Forces Caribbean Medical Clinic Joint Task Force 4

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00213	4. Project Title
NAVAL AIR STATION KEY WEST, FLORIDA	CHILD DEVELOPMENT CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204696N	740.74	P-604	3,730

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CHILD DEVELOPMENT CENTER	m2	1,363	-	2,330
BUILDING	m2	1,298	1,588.00	(2,060)
COVERED WALKWAY	m2	65	462.00	(30)
BUILT-IN EQUIPMENT	LS	-	-	(180)
INFORMATION SYSTEMS	LS	-	-	(10)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	1,020
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(330)
ELECTRICAL UTILITIES	LS	-	-	(100)
MECHANICAL UTILITIES	LS	-	-	(250)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(240)
PLAYGROUND EQUIPMENT	LS	-	-	(100)

SUBTOTAL	-	-	-	3,350
CONTINGENCY (5.0%)	-	-	-	170

TOTAL CONTRACT COST	-	-	-	3,520
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	210

TOTAL REQUEST	-	-	-	3,730
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story building, auger cast pilings and elevated structural floor slab, concrete masonry walls, steel roof framing, sloped metal roofing system, covered walkway and play area, fire alarm system with radio transmitter, fire suppression system with fire pump, closed circuit television system, intercom system, information systems, air conditioning, utilities, playground equipment with sun shade, paving and site improvements.

11. Requirement: 1,363 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Constructs a child development center to accommodate 180 children. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to accommodate infants, toddlers, and pre-school age children. A child development center provides child care services to military and DOD civilian personnel in order to support operational readiness, mission accomplishment and retention. The primary goal is to provide Navy personnel at least one affordable option for child care. Child development centers are a necessary element in today's environment as their availability alleviates many problems incurred by military and DOD civilian parents who are single, who both work, are full time students or who have other special needs. These centers make the quality of life more appealing for military personnel, DOD civilians, and their dependents. The existing need is met using temporary, undersized, mobile office units. There are 124 military dependent children (through

(Continued On DD 1391C…)

(…continued)

age 6) currently enrolled in the existing leased facility, and 65 children on a waiting list. Additionally, there is a requirement for hourly drop in care service. The Navy Audit Service agreed with the 180 children requirement.

CURRENT SITUATION:

The former child care facility is a 57 year-old converted building, inadequate in both size and physical condition, which contains friable asbestos and lead paint, and has structural and foundation problems. It has been damaged by termites and carpenter ants, is condemned and scheduled for demolition. To meet the urgent need, the station was forced to lease temporary, mobile office units until the project is constructed. CNO letter 11010 Ser 441d1/OU591278 of 22 January 1990 states that the temporary siting of a CDC shall not preclude permanent development of a specific site. CINCLANTFLT letter 11000 Ser N4421B/003613 of 31 Aug 1994 states that relocatable structures are strongly discouraged, and removal of existing relocatable structures at the earliest opportunity is highly desirable. The leased facility can only accommodate 124 of the 180 child requirement. Additionally, these temporary, mobile office units can become wind borne during tropical storms or hurricanes which are common in this area.

IMPACT IF NOT PROVIDED:

Without this project, the Navy will continue to pay for an inadequate leased facility which does not meet the criteria for child development centers. Personnel and children using these facilities will continue to be subjected to unsafe conditions. Key West is in a remote area and the local community does not have the capability to provide quality, affordable child care service to military and DOD civilian dependents. The quality of life of Navy families will continue to be degraded. This could result in a reduction of income since spouses may not be able to afford work outside of the home. Key West has the highest cost of living of any city in Florida and families feel a need to supplement their income via spousal employment

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 12/96
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 05/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (220)

Installation POC: LCdr James Cruz, Phone: (305) 293-2304

(…continued)

(B) All Other Design Costs..... (130)
(C) Total..... 350
(D) Contract..... (300)
(E) In-House..... (50)

(4) Construction Start..... 11/98

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

Installation POC: LCdr James Cruz, Phone: (305) 293-2304

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00318	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII	COMMANDANT OF THE MARINE CORPS	1.50

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	48	422	428	0	0	0	1,107	7,851	1,692	11,548
b. End FY 2004	68	548	514	16	52	0	1,734	8,917	2,251	14,100

7. INVENTORY DATA

a.	TOTAL ACREAGE (34,110)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	234,730
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	27,410
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	25,020
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	46,651
g.	REMAINING DEFICIENCY.....	88,250
h.	**GRAND TOTAL.....**	**422,061**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BACHELOR QUARTERS	8,670 m2	27,410	05/97	10/98
	TOTAL		27,410		

9. Future Projects:

a. Included In The Following Program (FY 2000):

141.70	CTRL TOWER /ATC FAC	6,050	-	-
721.11	BEQ E1/E4	18,970	-	-
	TOTAL	25,020		

b. Major Planned Next Three Years:

740.43	FY02 - PYHSICAL FITNESS CENTER	3,721	-	-
211.05	FY03 - HANGAR FIRE PROTECTION	4,169	-	-
441.30 *	FY03 - HAZ MATL/WASTE CONSOL FAC	5,710	-	-
721.11	FY01 - BACHELOR ENLISTED QUARTERS	16,051	-	-
721.11	FY03 - BACHELOR ENLISTED QUARTERS	17,000	-	-
	TOTAL	46,651		

c. Real Property Maintenance Backlog ($000): $68,243

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and material to support operations of a Marine Brigade, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $5,710

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00318	4. Project Title
MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	721.11	P-286	27,410

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	m2	8,670	-	17,670
BUILDING	m2	8,670	2,007.00	(17,400)
INFORMATION SYSTEM	LS	-	-	(150)
TECHNICAL OPERATING MANUALS	LS	-	-	(120)
SUPPORTING FACILITIES	-	-	-	6,840
ELECTRICAL UTILITIES	LS	-	-	(1,640)
MECHANICAL UTILITIES	LS	-	-	(1,200)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(4,000)
SUBTOTAL	-	-	-	24,510
CONTINGENCY (5.0%)	-	-	-	1,230
TOTAL CONTRACT COST	-	-	-	25,740
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	1,670
TOTAL REQUEST	-	-	-	27,410
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story reinforced concrete masonry and steel-frame buildings; built-up roofs, air conditioning, fire protection system, elevators, utilities, paving and site improvements; technical operating manuals; utility connections, air conditioning systems; two-plus-zero bachelor housing design criteria. Grade mix: 408 E1-E4.

11. Requirement: 408 PN Adequate: 95 PN Substandard: (52) PN.

PROJECT:

Constructs a bachelor enlisted quarters to support billeting requirements of Naval aviation units relocating to Kaneohe Bay. (Current mission.)

REQUIREMENT:

Adequate and properly-configured housing facilities to support the relocation of Navy aviation operations from Naval Air Station (NAS), Barbers Point, Hawaii.

CURRENT SITUATION:

Operational, maintenance, and support units must relocate because of the scheduled closure of NAS Barbers Point. Kaneohe Bay does not have adequate bachelor enlisted facilities to accommodate the Navy personnel being relocated. Existing, inadequate facilities are severely deteriorated, 1940-vintage buildings, the repair costs for which exceeds 75% of the cost for new construction.

IMPACT IF NOT PROVIDED:

Without this project, this station will not have adequate billeting facilities required to support personnel relocating from Barbers Point. The projected Navy and Marine Corps base loading at Kaneohe Bay exceeds the

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00318

MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	P-286

(…continued)

current and projected number of available Federal government-owned and private sector housing. The Oahu Military Housing Market Analysis of March 1997 concludes that by the year 2001, there will be a significant unsatisfied requirement in military bachelor housing. This shortfall will be even more acute in the windward area of the island. These conditions are unacceptable and will negatively impact the operational readiness of Navy units as well as the morale, welfare and retention of skilled and dedicated military personnel

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 05/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 10/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 35%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (1,320)
- (B) All Other Design Costs..... (1,100)
- (C) Total..... 2,420
- (D) Contract..... (2,200)
- (E) In-House..... (220)

(4) Construction Start..... 01/99

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

C. Real Property Maintenance (past two years) ($000): 6,600

D. Future requirements for unaccompanied housing at this installation: 2476 PN

Installation POC: LCdr J. Landis, Phone: (808) 257-2171

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00604	4. Command	5. Area Constr Cost Index
FLEET INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII	NAVAL SUPPLY SYSTEMS COMMAND	1.45

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	20	56	626	0	0	0	0	0	0	702
b. End FY 2004	18	83	621	0	0	0	0	0	0	722

7. INVENTORY DATA

a.	TOTAL ACREAGE (815)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	156,190
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	9,730
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	16,500
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	48,100
g.	REMAINING DEFICIENCY.....	10,600
h.	**GRAND TOTAL.....**	**241,120**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
156.10	CENTRAL RECEIVING FAC	6,411 M2	9,730	07/97	07/98
	TOTAL		9,730		

9. Future Projects:

a. Included In The Following Program (FY 2000):

441.10	WAREHOUSE CONSOLIDATION	16,500	- -
	TOTAL	16,500	

b. Major Planned Next Three Years:

152.60	FY03 - SUPPLY WHARF EXTENSION	16,200	- -
152.60	FY02 - WHARF UPGRADE	13,900	- -
156.10	FY01 - WTRFRONT TRANSIT STRG FAC	9,000	- -
441.10	FY02 - BULK STORAGE WAREHOUSE	9,000	- -
	TOTAL	48,100	

c. Real Property Maintenance Backlog ($000): $27,586

10. Mission Or Major Functions:

Provides a wide variety of supply and support services to NAVY activities in the geographic area, and provides supply, POL, and support services to Pacific Fleet units.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00604	4. Project Title
FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII	CENTRAL RECEIVING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702896N	156.10	P-154	9,730

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CENTRAL RECEIVING FACILITY	M2	6,411	-	7,060
BUILDING	M2	5,389	1,276.00	(6,880)
COVERED LOADING AREA	M2	1,022	74.00	(80)
BUILT-IN EQUIPMENT	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	1,640
UTILITIES	LS	-	-	(470)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(330)
DEMOLITION	LS	-	-	(840)
SUBTOTAL	-	-	-	8,700
CONTINGENCY (5.0%)	-	-	-	440
TOTAL CONTRACT COST	-	-	-	9,140
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	590
TOTAL REQUEST	-	-	-	9,730
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story, structural steel-frame open area building, concrete floor/mat foundation, masonry and metal panel walls; insulated steel roof; mezzanine, loading dock pit with multiple docking positions, covered loading area, conveyer system, office spaces, training room, secure storage, fire protection system, information systems, utilities, paving and site improvements, demolition of four buildings.

11. Requirement: 6,411 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Construct a central receiving facility. (Current mission.)

REQUIREMENT:

A centrally located facility to consolidate container unstuffing operations, local material deliveries and receipt of bulk items into one building in close proximity to primary supply Wharves K-10 and K-11. This center provides supply and support services to fleet units and shore activities, including requirements determination, inventory control, receipt, storage, issue and financial accounting for consumables, repairables, subsistence, and fuel. This project will prevent any interruption to the supply link that would jeopardize the readiness of the fleet and shore activities.

CURRENT SITUATION:

Receiving and container operations are currently being conducted in several locations scattered throughout the center. Inbound bulk break operations are currently stored in the open, exposed to the weather at two wharves and the paved area behind the servmart building. Since these operations are not conducted in the immediate vicinity of each other, material has to be transported to different locations for their appropriate processing. Each

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00604

FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
CENTRAL RECEIVING FACILITY	P-154

(…continued)

year, this multiple handling and transporting of supplies results in lost time, material damages and material losses, thus impacting the efficiency of this center's mission.

IMPACT IF NOT PROVIDED:

Without this project, this center will continue to operate at a low efficiency which will impact customer service and readiness of the fleet and shore activities. Center personnel will continue to work in substandard facilities, which negatively impacts worker morale and productivity.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	07/97
(B) Date Design 35% Complete	09/97
(C) Date Design Complete	07/98
(D) Percent Complete As Of September 1997	35%
(E) Percent Complete As Of January 1998	45%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(490)
(B) All Other Design Costs	(410)
(C) Total	900
(D) Contract	(820)
(E) In-House	(80)

(4) Construction Start 11/98

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

Installation POC: LCdr Ross Woodson, Phone: (808) 471-3926

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00311	4. Command	5. Area Constr Cost Index
NAVAL SHIPYARD, PEARL HARBOR, HAWAII	NAVAL SEA SYSTEMS COMMAND	1.45

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	38	22	2,873	0	0	0	0	0	0	2,933
b. End FY 2004	13	4	3,370	0	0	0	5	90	0	3,482

7. INVENTORY DATA

a.	TOTAL ACREAGE (308)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	147,000
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	11,400
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	15,000
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	24,800
g.	REMAINING DEFICIENCY.....	105,150
h.	**GRAND TOTAL.....**	**303,350**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
610.10	ENG MANAGEMENT BLDG	8,361 M2	11,400	01/97	08/98
	TOTAL		11,400		

9. Future Projects:

a. Included In The Following Program (FY 2000):

213.60 *	ABRASIVE BLAST & PAINT FAC	15,000	-	-
	TOTAL	15,000		

b. Major Planned Next Three Years:

213.43	FY02 - STRUCTURAL SHOP CONSOL	8,400	-	-
213.55	FY02 - MECHANICAL SHOP CONSOL	9,400	-	-
813.20	FY01 - SHORE POWER IMPROVE (DD1&2	7,000	-	-
	TOTAL	24,800		

c. Real Property Maintenance Backlog ($000): $104,007

10. Mission Or Major Functions:

To overhaul and repair nuclear powered vessels such as SSN's including 688 class submarines and surface ships, such as cruisers and destroyers.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $15,000

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00311	4. Project Title
PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII	ENGINEERING MANAGEMENT BUILDING

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702228N	610.10	P-215	11,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ENGINEERING MANAGEMENT BUILDING	M2	8,361	-	5,450
BUILDING RENOVATION	M2	8,361	586.00	(4,900)
INFORMATION SYSTEMS	LS	-	-	(550)
SUPPORTING FACILITIES	-	-	-	4,740
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,380)
UTILITIES	LS	-	-	(920)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(280)
DEMOLITION	LS	-	-	(1,160)
SUBTOTAL	-	-	-	10,190
CONTINGENCY (5.0%)	-	-	-	510
TOTAL CONTRACT COST	-	-	-	10,700
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	700
TOTAL REQUEST	-	-	-	11,400
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Convert warehouse space to administrative space by renovating the fourth floor of an existing building, with new partitions, ceilings, plumbing fixtures, air conditioning, fire protection sprinkler system and fire alarm system, lighting, electrical receptacles, telecommunication and data outlets and restrooms; convert two freight elevators to passenger elevators; increase information systems capacity/capability from warehouse usage to office usage (information system beyond the 1.5 meter building boundary is characterized as communications); provide new primary switchgear and transformer substation outdoors for increased electrical load requirements; seismic strengthening; utilities; demolition of six buildings; and paving and site improvements.

11. Requirement: 8,361 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Convert an existing building from warehouse space to office space. (Current mission.)

REQUIREMENT:

Adequate and safe facilities are required for engineering and management personnel who provide mission-essential support to this shipyard's continuing mission to perform overhaul, repair, alteration, drydocking and outfitting of Navy vessels. Converting Building 167 will replace severely deteriorated unsafe facilities housing engineering and management personnel, and will consolidate these facilities into a smaller, more efficient layout, while reducing infrastructure at the shipyard.

CURRENT SITUATION:

Existing wood annexes have been labeled "a major life safety hazard" by the September 1987 Fire Protection Engineering Survey Report. Twenty-three

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00311

PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
ENGINEERING MANAGEMENT BUILDING	P-215

(…continued)

"serious workplace hazards" were also cited in a January 1994 NAVOSH Deficiency Notice for Buildings 1B and 1D, ranging from structural damage to electrical violations. One annex has been condemned due to structural failure and other failures are imminent. Annexes lack electrical capacity to support major programs such as Computer Aided Design (CAD), Engineering Data Management Information Control System (EDMICS), and Advanced Industrial Management (AIM). Roof leaks, plumbing failures, rodents and cats further add to the miserable working conditions. Termites and lack of humidity control endanger valuable engineering drawings and documentation.

IMPACT IF NOT PROVIDED:

Deferral of this project past 1999 will require the Shipyard to move personnel into trailers at an annual cost of $1.5 million, adversely impacting mission performance and creating a hurricane hazard. Alternatively, all systems in the old wooden annexes would have to be repaired at an estimated cost of $47 million

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (700)
- (B) All Other Design Costs..... (350)
- (C) Total..... 1,050
- (D) Contract..... (930)
- (E) In-House..... (120)

(4) Construction Start..... 11/98

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

Installation POC: LCdr Eduardo Manglallan, Phone: (808) 474-7191

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62813	4. Command	5. Area Constr Cost Index
NAVAL STATION, PEARL HARBOR, HAWAII	COMMANDER IN CHIEF, PACIFIC FLEET	1.45

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	1,701	12,010	7,974	1	5	0	202	803	0	22,696
b. End FY 2004	1,551	10,798	8,193	0	4	0	170	763	0	21,479

7. INVENTORY DATA

a.	TOTAL ACREAGE (6,077)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	230,670
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	18,180
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	19,900
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	29,370
g.	REMAINING DEFICIENCY.....	140,100
h.	**GRAND TOTAL.....**	**438,220**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
812.30	ELEC DIST SYSTEM UPGRADE	0 LS	18,180	05/97	06/98
	TOTAL		18,180		

9. Future Projects:

a. Included In The Following Program (FY 2000):

721.11	BEQ MODERNIZATION	6,600	-	-
721.11	BEQ MODERNIZATION	13,300	-	-
	TOTAL	19,900		

b. Major Planned Next Three Years:

722.10	FY02 - MESS HALL ADDITION	2,150	-	-
832.10 *	FY01 - OILY WASTE COLLECTION SYS	10,500	-	-
143.25	FY03 - SEAL DELIVERY VEH FAC	16,720	-	-
	TOTAL	29,370		

c. Real Property Maintenance Backlog ($000): $188,790

10. Mission Or Major Functions:

Pearl Harbor is homeport for approximately 20 surface combatants. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and most of the shore tenant activities in the Pearl Harbor area.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $10,500

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62813	4. Project Title
NAVAL STATION, PEARL HARBOR, HAWAII	ELECTRICAL DISTRIBUTION SYSTEM UPGRADES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204796N	812.30	P-504	18,180

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	LS	-	-	15,720
SWITCHING STATION	LS	-	-	(1,460)
PRIMARY DISTRIBUTION SYSTEM	LS	-	-	(4,800)
TRANSFORMER SUBSTATIONS	LS	-	-	(4,580)
SECONDARY DISTRIBUTION SYSTEMS	LS	-	-	(4,770)
TECHNICAL OPERATING MANUALS	LS	-	-	(110)
SUPPORTING FACILITIES	-	-	-	540
CONTAMINATED SOIL REMOVAL	LS	-	-	(540)
SUBTOTAL	-	-	-	16,260
CONTINGENCY (5.0%)	-	-	-	810
TOTAL CONTRACT COST	-	-	-	17,070
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	1,110
TOTAL REQUEST	-	-	-	18,180
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Switching station; upgrades electrical substations, power and electrical distribution systems; technical operating manuals, and sampling, testing, removal, and disposal of contaminated soil.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Upgrades the shore power and industrial outlets and the electrical distribution system at BRAVO and MIKE berthing wharves (wharves B22 to B26 and M1 to M4) to support the berthing plan of the homeported ships. (Current mission.)

REQUIREMENT:

Adequate power and electrical distribution for homeport berthing and cold-iron maintenance of the newer-class power-intensive Guided Missile Destroyers (DDG-51 class) in various nested configurations. At the design load current of 4500 amps required to support the functions performed while connected to shore power, these newer ships (Arleigh Burke class) being homeported at this station have the highest load demand of all the guided missile destroyers that preceded them. In addition, the secondary industrial power outlets at MIKE wharf berths M1 to M3 must be brought into compliance with the design criteria for dockside utilities for ship service by providing industrial outlets to a solidly-grounded electrical system. By upgrading with wharf electrical improvements, this station will adequately meet its operational berthing requirements.

CURRENT SITUATION:

Seventeen surface ships are presently homeported at this station, and the existing shore power electrical system does not provide adequate operational flexibility to berth these ships at the various wharves. The

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62813

NAVAL STATION, PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	P-504

(…continued)

higher load demand ships such as DDG-51s must operate at less than design loads at those berths unable to provide the shore power requirements of these ships. In addition, the secondary industrial power outlets at MIKE wharf berths M1 to M3 are connected to ungrounded shore-to-ship power systems, resulting in an unsafe condition for operations and maintenance personnel.

IMPACT IF NOT PROVIDED:

Without this project, this station will not have sufficient electrical power to support ship loadings nor the operational flexibility to nest the homeported ships at various berths in a bow in or bow out configuration. In addition, the safety of operations and maintenance personnel will continue to be compromised in providing ungrounded shore electrical service from MIKE wharf berths

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 05/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 40%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (1,090)
- (B) All Other Design Costs..... (550)
- (C) Total..... 1,640
- (D) Contract..... (1,450)
- (E) In-House..... (190)

(4) Construction Start..... 01/99

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

Installation POC: LCdr Roger Natsuhara, Phone: (808) 474-8190

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00314	4. Command	5. Area Constr Cost Index
NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII	COMMANDER IN CHIEF PACIFIC FLEET	1.45

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	401	3,695	776	0	5	0	60	331	0	5,268
b. End FY 2004	281	2,194	757	0	4	0	58	351	0	3,645

7. INVENTORY DATA

a.	TOTAL ACREAGE (125)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	136,880
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	8,060
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	47,550
g.	REMAINING DEFICIENCY.....	186,950
h.	**GRAND TOTAL.....**	**379,440**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BACH ENL QTRS MODN	3,573 m2	8,060	06/97	04/98
	TOTAL		8,060		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

812.40	FY01 - SECURITY LIGHTING	1,800	-	-
740.74	FY03 - CHILD DEV CTR ADDITION	1,900	-	-
152.20	FY01 - BERTHING WHARF	39,000	-	-
143.65	FY03 - OPERATIONS CENTER	4,850	-	-
	TOTAL	47,550		

c. Real Property Maintenance Backlog ($000): $188,790

10. Mission Or Major Functions:

Maintain and operate shore facilities for training and experimental operations of the submarine forces; provide logistic support to submarines. Services the Commander, Submarine Forces, US Pacific Fleet, two submarine attack squadrons, the Submarine Training Center, and the Submarine Intermediate Maintenance Activity.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00314	4. Project Title
NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII	BACHELOR ENLISTED QUARTERS MODERNIZATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204896N	721.11	P-147	8,060

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS MODERNIZATION	M2	3,573	-	6,490
BUILDING MODIFICATIONS	M2	2,966	1,656.00	(4,910)
BUILDING ADDITION	M2	607	2,445.00	(1,480)
INFORMATION SYSTEMS	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	720
MECHANICAL UTILITIES	LS	-	-	(250)
ELECTRICAL UTILITIES	LS	-	-	(240)
PAVING AND SITE IMPROVEMENT	LS	-	-	(230)
SUBTOTAL	-	-	-	7,210
CONTINGENCY (5.0%)	-	-	-	360
TOTAL CONTRACT COST	-	-	-	7,570
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	490
TOTAL REQUEST	-	-	-	8,060
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Modernizes through rehabilitation and addition a three-story, double wing, concrete structure with 63 double occupancy rooms; expand interior unit area onto existing walkway; new unit access walkway; demolition of existing vertical and horizontal fins and stair modifications/additions to accommodate new walkway; subdivide existing adjoining bathroom to create private bathrooms; private sleeping areas; install walk-in closets, kitchenette, fire sprinklers, and air conditioning system; replace windows, ceiling, floor and wall coverings; repaint building exterior and reroof; install fire alarm system, and upgrade smoke detection system. Demolition to include asbestos and lead paint abatement. Intended Grade mix: 126 E1-E4. Total: 126. Maximum Utilization: 126 E1-E4.

11. Requirement: 1,053 PN Adequate: 540 PN Substandard: (513) PN.

PROJECT:

Modernizes a bachelor enlisted quarters (BEQ) to meet current Department of Defense "1+1" criteria and to comply with Navy and National Fire Protection Association (NFPA) fire protection standards. (Current mission.)

REQUIREMENT:

Adequate berthing facilities to meet current DOD quality of life standards for Navy personnel.

CURRENT SITUATION:

The existing facility was constructed in 1969 and has never been modernized. The mechanical and electrical systems are obsolete and deteriorated. Windows are osbolete and broken from normal deterioration and age, and there is no fire protection system. The living areas and bathroom configurations do not meet the current DOD habitability criteria, and do not comply with Navy and NFPA fire protection standards. Therefore,

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00314

NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS MODERNIZATION	P-147

(…continued)

this facility is incapable of providing adequate and safe living areas for bachelor enlisted personnel.

IMPACT IF NOT PROVIDED:

Without this project, bachelor enlisted personnel at this base will continue to be subjected to unattractive substandard living conditions and will continue to be at risk of injury or death in the event of a fire. Morale and productivity will be adversely impacted, thereby seriously jeopardizing the Pacific Naval Submarine Fleet. Retaining trained military personnel will be difficult, and opportunities to reduce off-base housing costs will be diminished

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 04/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 80%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (490)
- (B) All Other Design Costs..... (250)
- (C) Total..... 740
- (D) Contract..... (660)
- (E) In-House..... (80)

(4) Construction Start..... 10/98

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

C. Real Property Maintenance (past two years) ($000): 9,782

D. Future requirements for unaccompanied housing at this installation: 1093 PN

Installation POC: LCdr Jeffery Hoel, Phone: (808) 471-2972

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62755	4. Command	5. Area Constr Cost Index
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	NAVAL FACILITIES ENGINEERING COMMAND	1.45

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	15	0	1,476	0	0	0	0	0	0	1,491
b. End FY 2004	18	0	1,595	0	0	0	0	0	0	1,610

7. INVENTORY DATA

a.	TOTAL ACREAGE (2,183)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	382,120
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	28,967
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	48,300
g.	REMAINING DEFICIENCY.....	72,400
h.	**GRAND TOTAL.....**	**531,787**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
822.14	* STEAM CONDENSATE RETURN SY	12,000 m	6,090	01/97	08/98
831.20	* SEWER OUTFALL EXTENSION	3,800 M	22,877	09/94	12/97
	TOTAL		28,967		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

812.30	FY 01 - ELEC DISTRIB SYSTEM IMPRS	20,000	-	-
812.30	FY02 - ELEC DISTR SYS IMPVS	23,000	-	-
832.10	FY02 - SEWER MAIN (FORD ISLAND)	2,300	-	-
842.10	FY01 - POTABLE WATER DISTR LINE	3,000	-	-
	TOTAL	48,300		

c. Real Property Maintenance Backlog ($000): $40,295

10. Mission Or Major Functions:

Provide public works, public utilities, housing, engineering services, shore facilities planning support, and all other public works logistics support incident thereto, required by the operating forces, dependent activities, and other commands located in the vicinity of the Pearl Harbor Naval Complex. This center provides services and support to: Naval Shipyard, Naval Submarine Base, Naval Air Station, Barbers Point, Naval Station Marine Barricks, Naval Supply Center Naval Magazine, Lualualei Family Housing Areas.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $28,967

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62755	4. Project Title
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	STEAM CONDENSATE RETURN SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702856N	822.14	P-410	6,090

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
STEAM CONDENSATE RETURN SYSTEM	m	12,000	-	5,120
CONDENSATE RETURN LINES	m	12,000	367.00	(4,400)
CONDENSATE RECEIVER UNITS (PUMP STATIONS)	LS	-	-	(290)
CATHODIC PROTECTION	LS	-	-	(330)
CONDENSATE STORAGE TANK	LS	-	-	(50)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	330
ELECTRICAL UTILITIES	LS	-	-	(330)
SUBTOTAL	-	-	-	5,450
CONTINGENCY (5.0%)	-	-	-	270
TOTAL CONTRACT COST	-	-	-	5,720
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	370
TOTAL REQUEST	-	-	-	6,090
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Condensate return system for the existing steam distribution system; condensate return lines and storage, receiver/pump stations, cathodic protection, electrical utilities, excavation, trenching and backfill.

11. Requirement: 12,000 m Adequate: 0 m Substandard: (0) m .

PROJECT:

Corrects a Class I environmental violation by providing a steam condensate return system for the Naval Station and the Shipyard Pearl Harbor Complex. (Current mission.)

REQUIREMENT:

Adequate steam condensate return system to reduce the amount of hydrocarbon fuels used in the generation of steam and reduce the discharge of raised-temperature, chemically-treated water into Pearl Harbor. This system will also save energy, conserve water, reduce the cost of treating boiler feed water, and comply with water and air quality regulations.

CURRENT SITUATION:

This center generates steam to provide ship-to-shore hotel services to ships docked at the Naval Station piers and in the Shipyard drydocks. Steam is also provided to industrial shops for cleaning, testing, and processing heat for domestic hot water. The existing steam system, which has been in place for many years, discharges hot condensate directly into Pearl Harbor, at a tremendous waste of energy and water, without a National Pollutant Discharge Elimination System (NPDES) permit. This is a Class I environmental violation.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62755
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
STEAM CONDENSATE RETURN SYSTEM	P-410

(…continued)

IMPACT IF NOT PROVIDED:

Without this project, the existing steam distribution system will continue to discharge hot condensate into Pearl Harbor, in violation of the Clean Water Act. The cost for doing this (potential fines) will be passed on to the ships as higher utility rates. The extra fuel burning will also continue to contribute to higher air pollution levels.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 45%
- (E) Percent Complete As Of January 1998..... 55%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (370)
- (B) All Other Design Costs..... (190)
- (C) Total..... 560
- (D) Contract..... (500)
- (E) In-House..... (60)

(4) Construction Start..... 12/98

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

Installation POC: LCdr Ross Woodson, Phone: (808) 471-3926

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62755	4. Project Title
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	SEWER OUTFALL EXTENSION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702856N	831.20	P-497	22,877

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SEWER OUTFALL EXTENSION	M	3,800	5,385.00	20,460
SUBTOTAL	-	-	-	20,460
CONTINGENCY (5.0%)	-	-	-	1,020
TOTAL CONTRACT COST	-	-	-	21,480
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	1,397
TOTAL REQUEST	-	-	-	22,877
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

3,800 meter by 1.05 meter diameter wastewater outfall extension, terminating at a water depth of approximately 37 meters.

11. Requirement: 3,800 M Adequate: 0 M Substandard: (0) M .

PROJECT:

This project corrects a Class I environmental violation by constructing an outfall extension at the Navy's Fort Kamehameha Wastewater Treatment Plant (WWTP). (Current mission.)

REQUIREMENT:

Extend outfall structure to discharge wastewater effluent into open coastal waters where the State of Hawaii's water quality standards can be met.

CURRENT SITUATION:

The Fort Kamehameha Wastewater Treatment Plant (WWTP) currently has a 547 m long, 760 mm diameter outfall which terminates in the entrance channel of the Pearl Harbor estuary at a depth of 14 m. The Navy has violated Section 11-54-05.2(d) and Section 11-54-06(b)(3) of the State Water Quality Standards at the entrance channel for the nutrients of ammonia, nitrogen, and total nitrogen. This is a Class I violation even though the Navy has not received a Notice of Violation (NOV) and even though these standards are not included in the National Pollutant Discharge Elimination System (NPDES) permit. The new NPDES permit to be issued this calendar year will include nutrient levels based on the current flow of 7.5 MGD at the existing outfall location. Since the flow will increase from 7.5 MGD to 8.5 MGD with the plant expansion, the amount of nutrients discharged will also be greater than what the permit allows, thereby causing a continual Class I violation. The plant expansion has been designed to accommodate increased wastewater flows generated by growth within the Pearl Harbor/Hickam Complexes and will ensure that total suspended solids and biochemical oxygen demand (BOD) do not increase. The Pearl Harbor estuary, where the effluent is discharged, is considered an impaired water body which has exceeded nutrient and turbidity limits. Paragraph 11-54-03(4) of the State Water Quality Standards states "... No new sewage discharges

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62755
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
SEWER OUTFALL EXTENSION	P-497

(…continued)

shall be permitted within estuaries. No new industrial discharges shall be permitted within estuaries,...." Projects have increased the capacity of the WWTP by adding aeration tanks, new headworks, primary settling tanks, a primary aerobic digester, sand drying beds, and final settling tanks. With the current expansion of the treatment plant, the flow rate will increase from 7.5 MGD to 8.5 MGD with a capacity of 13 MGD, thereby causing increased discharges. This is a Class II violation because the Navy will be in violation when the expansion is completed. By extending the sewer outfall into open coastal waters, the Navy can meet the State's water quality standards and will not be discharging into an impaired water body. This project will correct the Navy's Class I and Class II violations.

IMPACT IF NOT PROVIDED:

Non-compliance with stringent effluent and water quality regulations could result in fines, civil liability, curtailment of operations, and hazards to health.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 09/94
- (B) Date Design 35% Complete..... 03/96
- (C) Date Design Complete..... 12/97
- (D) Percent Complete As Of September 1997..... 85%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(1,370)
(B) All Other Design Costs.....	(690)
(C) Total.....	2,060
(D) Contract.....	(1,830)
(E) In-House.....	(230)

(4) Construction Start..... 10/98

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

Installation POC: LCdr Ross Woodson, Phone: (808) 471-3926

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N42079	4. Command	5. Area Constr Cost Index
NAVAL COMMS AREA MASTER STATION, EASTPAC WAHIAWA, HAWAII	NAVAL COMPUTER & TELECOMMS COMMAND	1.47

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	25	548	171	0	0	0	0	0	0	744
b. End FY 2004	28	567	181	0	0	0	0	0	0	776

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	0
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,970
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	0
h.	**GRAND TOTAL.....**	**1,970**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
730.10	FIRE STATION	539 m2	1,970	09/93	06/98
	TOTAL		1,970		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $8,322

10. Mission Or Major Functions:

As an activity of the Naval telecommunications system, manages, operates, and maintains those facilities, systems, equipment and devices necessary to provide requisite communications for the command, operational control, and administration of the Naval establishment, to manage, operate, and maintain those facilities and equipment of the Defense telecommunications system and the Coast Guard as assigned; and to perform such other functions as may be directed by the Chief of Naval Operations.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N42079
NAVAL COMMS AREA MASTER STATION, WAHIAWA, HAWAII

4. Project Title	7. Project Number
FIRE STATION	P-155

(…continued)

Fire fighting personnel will continue to live and work in undersized sleeping quarters, poor dining areas and noisy and non-private rooms. The station will continue to risk operating at a reduced capability to adequately and quickly respond to fire and other emergencies.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 09/93
- (B) Date Design 35% Complete..... 05/94
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 50%
- (E) Percent Complete As Of January 1998..... 70%

(2) Basis:
- (A) Standard or Definitive Design:
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (120)
- (B) All Other Design Costs..... (60)
- (C) Total..... 180
- (D) Contract..... (160)
- (E) In-House..... (20)

(4) Construction Start..... 02/99

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

Installation POC: Lt Stephen Foster, Phone: (808) 653-5473

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00210	4. Command	5. Area Constr Cost Index
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	CHIEF OF NAVAL EDUCATION AND TRAINING	1.26

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	556	4,089	1,575	4	5,512	0	286	893	0	12,915
b. End FY 2004	562	3,880	1,679	3	8,707	0	744	1,635	0	17,210

7. INVENTORY DATA

a.	TOTAL ACREAGE (1,030)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	303,340
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	13,160
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	93,550
g.	REMAINING DEFICIENCY.....	102,100
h.	**GRAND TOTAL.....**	**512,150**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
171.35	GAS TURBINE TRNG FAC	2,602 M2	7,410	01/97	08/98
171.20	APPLIED INSTR BLDG MODS	15,467 m2	5,750	01/97	08/98
	TOTAL		13,160		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

610.10	FY03 - AIR CONDITION UPGRADE	6,600	-	-
721.11	FY01 - BEQ (RECRUIT INPROCESSING)	14,400	-	-
171.40	FY02 - DRILL HALL REPL	10,200	-	-
730.25	FY03 - PASS SECURITY OFFICE	1,190	-	-
171.40	FY02 - REPL RTC DRILL HALL	10,300	-	-
721.11	FY01 - BEQ (RTC STAFF (178 PN))	17,400	-	-
721.14	FY01 - BEQ ("A" SCHOOL)	24,800	-	-
171.50	FY02 - REPL SMALL ARMS RANGE	5,400	-	-
740.21	FY02 - EXTEND RECRUIT SUPPORT CTR	1,700	-	-
750.20	FY03 - ALL WEATHER TRACK	1,560	-	-
	TOTAL	93,550		

c. Real Property Maintenance Backlog ($000): $238,718

10. Mission Or Major Functions:

Provide basic indoctrination (recruit training) for enlisted personnel; primary, advanced, and specialized training for officer and enlisted personnel. Recruit Training Command Service School Command

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00210	4. Command	5. Area Constr Cost Index
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	CHIEF OF NAVAL EDUCATION AND TRAINING	1.26

(…continued)

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	APPLIED INSTRUCTION BUILDING MODIFICATIONS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0805796N	171.20	P-566	5,750

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
APPLIED INSTRUCTION BUILDING MODIFICATIONS	m2	15,467	-	5,160
BUILDING MODIFICATIONS	m2	15,467	315.00	(4,870)
TEMPORARY CLASSROOMS	-	-	-	(240)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUBTOTAL	-	-	-	5,160
CONTINGENCY (5.0%)	-	-	-	260
TOTAL CONTRACT COST	-	-	-	5,420
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	330
TOTAL REQUEST	-	-	-	5,750
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Replace existing roof-mounted air handlers and window air conditioning units with central heating, ventilation, and air conditioning (HVAC) systems.

11. Requirement: 15,467 m2 Adequate: 0 m2 Substandard: (15,467) m2.

PROJECT:

Provides centralized HVAC systems for two adjacent applied instruction buildings and temporary classrooms. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility with proper environmental controls to accomplish combat systems training, to effectively run the sensitive electronic training equipment, and to meet current indoor air quality requirements. This project will also provide sufficient cooling for the introduction of new technology systems consisting of Learning Resource Centers (LRCs), Automated Electronic Classrooms (AECs), and self-paced electronic training systems, that are required to unconstrain vital fleet ratings which are seriously undermanned in the fleet. The centralized HVAC system will prevent heat damage to electronic training equipment and provide an acceptable training environment, meeting quality of life standards for students and instructors. Temporary classrooms are required for the 18 months during which the modifications to the two buildings will be accomplished.

CURRENT SITUATION:

Roof-mounted air handlers and window units currently provide air conditioning for both buildings. The combined refrigeration capacity is approximately one-half of that required for maintaining electronic training equipment within acceptable temperature and humidity tolerances and providing an acceptable training environment. Excessive heat in the summer of 1995 resulted in the loss of electronic training equipment with a replacement value exceeding $375,000. Some rooms have no direct supply of air conditioning, and those with window units do not have an adequate

(Continued On DD 1391C…)

(…continued)

supply of outdoor air. During the summer, temperatures exceed 90 degrees. This excessive heat generates interior temperatures exceeding 100 degrees. "Tropical hours" scheduling has been used in the past to accommodate these conditions. A proposed third shift for 1998 will eliminate all alternative scheduling. The addition of new technology electronic training systems is jeopardized due to excessive heat conditions.

IMPACT IF NOT PROVIDED:

Without this project, students will be trained in an unsatisfactory environment, degrading the effectiveness of this center's training mission. Premature maintenance and replacement of electronic training equipment will persist. The introduction of state-of-the art equipment to upgrade students' technical proficiency cannot be accomplished because of the excessive heat during the summer months. Introduction of the new technology LRCs, AECs and self-paced electronic training student work stations indicates an expected reduction of Core curriculum time of five weeks (approximately 20% elapsed time reduction), saving an estimated $4 million and providing technicians to the fleet sooner. Without proper air conditioning, computerized training cannot be accomplished

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(325)
(B) All Other Design Costs.....	(50)
(C) Total.....	375
(D) Contract.....	(350)
(E) In-House.....	(25)

(4) Construction Start..... 11/98

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

Installation POC: LCdr William Eich, Phone: (847) - 688-4818

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	GAS TURBINE TRAINING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0805796N	171.35	P-518	7,410

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
GAS TURBINE TRAINING FACILITY	M2	2,602	-	5,710
BUILDING	M2	2,602	1,872.00	(4,870)
BUILT-IN EQUIPMENT	LS	-	-	(750)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
SUPPORTING FACILITIES	-	-	-	950
UTILITIES	LS	-	-	(440)
PAVING AND SITE IMPROVEMENT	LS	-	-	(210)
DEMOLITION	LS	-	-	(300)
SUBTOTAL	-	-	-	6,660
CONTINGENCY (5.0%)	-	-	-	330
TOTAL CONTRACT COST	-	-	-	6,990
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	420
TOTAL REQUEST	-	-	-	7,410
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(3,845)

10. Description of Proposed Construction

Two-story, steel-frame building, concrete block and brick interior wall, concrete floors and single-ply membrane or metal roof on an insulated deck; sound control, equipment cooling water, compressed air systems, high volume ventilation, computer room cooling, access flooring system, battery room ventilation, waste oil collection system, equipment isolation foundations, crane system, fire protection system, fuel oil distribution, classrooms, administrative area, instructors and students work spaces and lounges, air conditioning, utilities, demolition of one building and removal of existing underground storage tanks.

11. Requirement: 2,602 M2 Adequate: 0 M2 Substandard: (1,529) M2.

PROJECT:

Constructs a gas turbine training facility. (Current mission.)

REQUIREMENT:

An adequate and properly-configured facility to accommodate a Gas Turbine School at Great Lakes for the Service School Command. This facility is necessary to support operational training requirements on existing Fleet propulsion systems, as well as those newly delivered to the Fleet. This requirement is driven by the increase of gas turbine propelled ships and the new and expanded requirement to provide additional classroom/laboratory space for the technical training equipment pertinent to the DDG51 propulsion system. The courses of instruction provided by this school are Gas Turbine "C" School, Prospective Engineering Officer Course (PEOC), Senior Enlisted Propulsion Engineering Course (SEPEC), Console Operator Training, and Marine Gas Turbine Inspector Course.

CURRENT SITUATION:

The existing facility is 51 years old and has outlived its economic life. This facility provides only static generic/core/strand training on some

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00210

NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
GAS TURBINE TRAINING FACILITY	P-518

(…continued)

propulsion components and does not provide any required operational training. The existing facility cannot provide the required training on the DDG51 system, because it is substantially undersized impeding upgrade of current systems and installation of new propulsion systems. The hands-on training of the Journeyman "C" School has been suspended because of a shutdown of the operational engines and ancillary equipment in the existing facility because of life safety and environmental considerations. Overall, the existing facility has deficiencies of structural adequacy, fuel systems, fire protection, and safety which preclude operational training.

IMPACT IF NOT PROVIDED:

Without this project, current training requirements cannot be met. Total readiness cannot be obtained unless dynamic systems training and hands-on laboratory training are provided for the gas turbine systems. The cost to the Navy to perform the training mission will increase due to the need to upgrade and maintain a substandard facility. Gas turbine sailors reporting for Fleet duty will require extensive on-the-job training aboard ship

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (460)
- (B) All Other Design Costs..... (220)
- (C) Total..... 680
- (D) Contract..... (620)
- (E) In-House..... (60)

(4) Construction Start..... 11/98

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
TRAINING EQUIPMENT	O&MN	1999	3,845
		TOTAL	3,845

Installation POC: LCdr William Eich, Phone: (847) - 688-4818

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00174	4. Command	5. Area Constr Cost Index
NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD, MARYLAND	NAVAL SEA SYSTEMS COMMAND	0.88

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	81	417	2,363	0	35	0	25	173	0	3,094
b. End FY 2004	47	211	2,853	0	0	0	25	173	0	3,309

7. INVENTORY DATA

a.	TOTAL ACREAGE (3,410)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	262,860
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	6,680
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	6,400
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	67,400
h.	**GRAND TOTAL.....**	**343,340**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
226.65 *	ANNEALING OVEN FACILITY	239 m2	6,680	01/97	09/98
	TOTAL		6,680		

9. Future Projects:

a. Included In The Following Program (FY 2000):

831.10 *	SEWAGE TREATMENT PLANT	6,400	-	-
	TOTAL	6,400		

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $66,904

10. Mission Or Major Functions:

Provide material and technical support for weapon systems, weapons or components. Maintain and operate facilities for mixing, blending, casting and extruding chemicals, propellants and explosives and for the assembly and test of rocket and missile motors. Conduct research in propellants, explosives and related fields, including producing pilot plant quantities of new chemicals. Repair, rework, and modify fleet returned guided missile propulsion units. Provide logistic support for the Naval Explosive Ordnance Disposal Facility and the Naval School, Explosive Ordnance Disposal.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $13,080

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00174	4. Project Title
NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD DIV, INDIAN HEAD, MARYLAND	ANNEALING OVEN FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702856N	226.65	P-149	6,680

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ANNEALING OVEN FACILITY	m2	239	-	5,280
BUILDING INCLUDING OVENS	m2	239	4,396.00	(1,050)
POLLUTION CONTROL UNITS	LS	-	-	(4,160)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	-	-	-	720
UTILITIES	LS	-	-	(250)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(180)
DECONTAMINATION AND REMOVAL	LS	-	-	(290)
SUBTOTAL	-	-	-	6,000
CONTINGENCY (5.0%)	-	-	-	300
TOTAL CONTRACT COST	-	-	-	6,300
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	380
TOTAL REQUEST	-	-	-	6,680
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story reinforced concrete building, 18 integrated stainless steel annealing ovens, industrial ventilation system, pollution control system, and control building; wash down water collection system, lightning protection system, stacks, and steam heating system for ovens; best available control technology to remove nitroglycerin vapor emissions to highest specified standard; concrete aprons and loading docks for ovens, and demolition and decontamination of existing facilities.

11. Requirement: 239 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Constructs an annealing oven facility with more stringent air pollution controls and industrial ventilation technology to correct a Class I environmental violation. (Current mission.)

REQUIREMENT:

An adequate state-of-the-art facility to support the existing mission of producing nitroglycerin (NG) containing propellant products used in many Fleet applications. A new facility is required for heat treating propellant grains while using air pollution control technology to reduce NG vapor emmissions from the exhaust streams and industrial ventilation technology to reduce potential worker exposure to specified standards. This project will replace existing annealing oven facilities that cannot be made to comply with current air quality and water pollution standards.

CURRENT SITUATION:

The process of heat treating propellant grains in the existing annealing ovens to remove internal stresses releases NG vapors to the atmosphere in violation of local air emmissions standards and exposes personnel to potential hazards during the production and oven cleaning processes. This

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00174

NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD DIV, INDIAN HEAD, MARYLAND

4. Project Title	7. Project Number
ANNEALING OVEN FACILITY	P-149

(…continued)

is a Class I environmental violation. Safety ventilation systems are included in this project. Also, the associated waste water runoff is a potential source of groundwater pollution, although it has not yet been cited with a notice of violation.

IMPACT IF NOT PROVIDED:

Without this project, this activity will be out of compliance with current State of Maryland environmental standards. Failure to replace annealing ovens could result in fines or jeopardize production at the Navy's only facility for propellants containing nitroglycerin.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 09/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 55%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(410)
(B) All Other Design Costs.....	(200)
(C) Total.....	610
(D) Contract.....	(540)
(E) In-House.....	(70)

(4) Construction Start..... 01/99

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

Installation POC: LCdr Kevin Slates, Phone: (301) 743-4288

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62604	4. Command	5. Area Constr Cost Index
NAVAL CONSTRUCTION BATTALN CENTER, GULFPORT, MISSISSIPPI	NAVAL FACILITIES ENGINEERING COMMAND	0.85

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	192	3,269	1,474	0	151	0	6	432	0	5,524
b. End FY 2004	188	2,894	1,863	0	544	0	4	69	0	5,562

7. INVENTORY DATA

a.	TOTAL ACREAGE (4,770)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	146,840
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	10,670
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	11,580
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	29,650
h.	**GRAND TOTAL.....**	**198,740**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BACH ENL QTRS REPLACEMENT	7,490 m2	10,670	05/95	09/96
	TOTAL		10,670		

9. Future Projects:

a. Included In The Following Program (FY 2000):

721.11	BEQ MODERNIZATION	11,580	-	-
	TOTAL	11,580		

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $17,303

10. Mission Or Major Functions:

Support the Naval Construction Force, fleet units and assigned organizational units deployed from or homeported at the center; support mobilization requirements of the Naval Construction Force; store, perserve, and ship advanced based and mobilization stocks. 20th Naval Construction Regiment Five Naval Mobile Construction Battalions Naval Construction Training Center Seventeen Reserve Naval Mobile Construction Battalions Nine Reserve Naval Construction Regiments One Reserve Naval Construction Force Augmentation Unit

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62604	4. Project Title
NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI	BACHELOR ENLISTED QUARTERS REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702896N	721.11	P-759	10,670

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS REPLACEMENT	M2	7,490	-	7,840
BUILDING	M2	7,490	1,003.00	(7,510)
BUILT-IN EQUIPMENT	LS	-	-	(250)
INFORMATION SYSTEMS	LS	-	-	(80)
SUPPORTING FACILITIES	-	-	-	1,750
UTILITIES	LS	-	-	(450)
PAVING AND SITE IMPROVEMENT	LS	-	-	(750)
DEMOLITION AND ASBESTOS REMOVAL	-	-	-	(550)
SUBTOTAL	-	-	-	9,590
CONTINGENCY (5.0%)	-	-	-	480
TOTAL CONTRACT COST	-	-	-	10,070
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	600
TOTAL REQUEST	-	-	-	10,670
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story, reinforced concrete building, concrete spread footings, concrete floors, masonry walls with brick facing; built-up roof on concrete roof deck; 107 modules with two private sleeping/living rooms, two walk-in closets, kitchenette/service area, and an adjoining full, semi-private bath shared by up to two persons; sound attenuation; BEQ admin and lobby, laundry, vending, multi-purpose lounge/training/game/recreation rooms, community kitchen, housekeeping and storage; elevators; fire detection, alarm and automatic sprinkler systems; utility and mechanical rooms; communications and cable TV system distribution; heating, ventilating and air conditioning; utilities; paving, site improvements, demolition of four buildings, and asbestos removal. Intended Grade Mix: 154 E1-E4, 30 E5/6. Total: 184. Maximum Utilization by 214 E1-E4.

11. Requirement: 1,490 PN Adequate: 322 PN Substandard: (1,026) PN.

PROJECT:

Constructs a bachelor enlisted quarters in compliance with Department of Defense "1+1" standard for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate and properly-configured housing facilities to accommodate enlisted battalion personnel while in homeport.

CURRENT SITUATION:

Existing facilities were constructed over 20 years ago, are inadequate, overcrowded, and do not meet current housing criteria.

IMPACT IF NOT PROVIDED:

Without this project, battalion personnel would continue to live in

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62604

NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS REPLACEMENT	P-759

(…continued)

quarters that are inadequate. Continued use of existing facilities and increased use of off-base housing would impact on the morale of Seabee personnel and this center's ability to accomplish its mission.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 05/95
- (B) Date Design 35% Complete..... 03/96
- (C) Date Design Complete..... 09/96
- (D) Percent Complete As Of September 1997..... 100%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (650)
- (B) All Other Design Costs..... (330)
- (C) Total..... 980
- (D) Contract..... (870)
- (E) In-House..... (110)

(4) Construction Start..... 10/98

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

C. Real Property Maintenance (past two years) ($000): 3,344

D. Future requirements for unaccompanied housing at this installation: 1168 PN

Installation POC: LCDR Michael Lipski, Phone: (228) 871-2241

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67001	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	COMMANDANT OF THE MARINE CORPS	0.90

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	127	1,008	1,632	47	3,466	0	2,084	29,726	3,098	41,188
b. End FY 2004	127	1,019	1,582	267	6,835	0	2,528	28,703	2,948	44,009

7. INVENTORY DATA

a.	TOTAL ACREAGE (127,507)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	883,680
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	14,600
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	6,500
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	94,340
g.	REMAINING DEFICIENCY.....	315,500
h.	**GRAND TOTAL.....**	**1,314,620**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
872.10	INFRASTRUCTURE PHY SECURIT	0 LS	12,770	11/95	06/98
730.10	FIRE STATION	761 m2	1,830	03/97	06/98
	TOTAL		14,600		

9. Future Projects:

a. Included In The Following Program (FY 2000):

214.51	MAINT & OPS FACILITY		6,500	-	-
	TOTAL		6,500		

b. Major Planned Next Three Years:

171.50	FY01 - SIM MARKSMANSHIP TRNG		7,000	-	-
730.82 *	FY02 - MATERIAL RECYCLING FAC		1,240	-	-
740.74	FY03 - CHILD DEVELOPMENT CENTER		3,500	-	-
721.11	FY02 - BEQ		11,700	-	-
214.51	FY02 - CVMS/OPS OVM SHOP		10,830	-	-
217.10	FY03 - ELEC&COMM MAINT SHOPS		4,700	-	-
214.53	FY02 - FIELD MAINT COMPLEX (PHII)		13,300	-	-
722.10	FY03 - MESS HALL ADD FRENCH CREEK		2,150	-	-
214.53	FY02 - COMBAT VEH MAINT SHOP		3,500	-	-
214.53	FY02 - COMBAT VEH MAINT SUPPORT		4,140	-	-
214.53	FY01 - FLD MNT SHP/BLK FUEL CO		7,470	-	-
214.53	FY02 - COMBAT VEHICLE MAINT SHOP		3,810	-	-
851.10	FY01 - MISC ROAD & UTILITIES		6,300	-	-
721.11	FY01 - BACHELOR ENLISTED QUARTERS		14,700	-	-
	TOTAL		94,340		

c. Real Property Maintenance Backlog ($000): $88,615

10. Mission Or Major Functions:

Provide housing, training facilities, logistics support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools for other training as directed.

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67001	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	COMMANDANT OF THE MARINE CORPS	0.90

(…continued)

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $1,240

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	FIRE STATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	730.10	P-931	1,830

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FIRE STATION	m2	761	-	980
BUILDING	m2	761	1,188.00	(900)
BUILT-IN EQUIPMENT	LS	-	-	(80)
SUPPORTING FACILITIES	-	-	-	670
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(30)
ELECTRICAL UTILITIES	LS	-	-	(100)
MECHANICAL UTILITIES	LS	-	-	(190)
PAVING AND SITE IMPROVEMENT	LS	-	-	(350)
SUBTOTAL	-	-	-	1,650
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,730
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,830
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story, two-company building, detached hazardous storage building, pile foundation with reinforced concrete pile caps, grade beams and slab, masonry cavity walls, and standing seam metal roof over steel decking on structural steel-framing system; overhead engine exhaust system; fire protection system, utility connections, security lighting, bituminous pavement parking, concrete parking and drives, air conditioning, and site improvements.

11. Requirement: 761 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Constructs a two-company fire station for the French Creek area. (Current mission.)

REQUIREMENT:

A new, optimally sited, fire station to meet fire-safety and emergency response time and distance requirements as stated in MCO P11000.11B and DOD Instruction 6055.6.

CURRENT SITUATION:

The French Creek area is currently served by a fire station which is not located properly to serve the entire French Creek area. Response time and distance parameters from the current facility have created a risky and unacceptable fire safety control problem. A recent command inspection rated the location of the existing station as unsatisfactory. Relocation to a site which allows appropriate response time is critical.

IMPACT IF NOT PROVIDED:

Without this project, adequate fire protection service will not exist for

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67001

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
FIRE STATION	P-931

(…continued)

the French Creek area, resulting in a possible loss of lives and property.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 03/97
- (B) Date Design 35% Complete..... 06/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 40%
- (E) Percent Complete As Of January 1998..... 60%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (110)
- (B) All Other Design Costs..... (60)
- (C) Total..... 170
- (D) Contract..... (150)
- (E) In-House..... (20)

(4) Construction Start..... 12/98

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

Installation POC: Larry Brant, Phone: (910) 451-1833

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	INFRASTRUCTURE PHYSICAL SECURITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	872.10	P-062A	12,770

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
INFRASTRUCTURE PHYSICAL SECURITY	LS	-	-	4,050
OBSERVATION TOWERS	LS	-	-	(750)
BUILDING RENOVATIONS	LS	-	-	(240)
BRIDGE	LS	-	-	(560)
PERIMETER FENCE	LS	-	-	(2,500)
SUPPORTING FACILITIES	-	-	-	7,430
ELECTRICAL UTILITIES	LS	-	-	(730)
MECHANICAL UTILITIES	LS	-	-	(3,400)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(3,100)
MITIGATION	LS	-	-	(200)
SUBTOTAL	-	-	-	11,480
CONTINGENCY (5.0%)	-	-	-	570
TOTAL CONTRACT COST	-	-	-	12,050
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	720
TOTAL REQUEST	-	-	-	12,770
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

56.33 kilometers of 1.83 meter chain link fence with 6.1 meter cleared right of way and 3.66-7.32 meter swing gates at various road crossings; access road work and utility construction to support two multi-purpose machine gun ranges; 24.15 kilometers of 6.71 meter wide tactical and perimeter roadwork and 4.83 kilometers of 9.14 meter wide tank trail including a 30.48 meter bridge span; four 45.72 meter high observation towers and renovation of two buildings.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Provides perimeter fencing, access roads, observation towers, and utility construction to further support ranges currently under development in the Greater Sandy Run Area. (Current mission.)

REQUIREMENT:

Adequate infrastructure to support Marine Corps training operations. Development of raw land to support training operations requires various infrastructure improvements: (1) perimeter fencing for security; (2) observation towers for strategic viewing of scenarios involving tank and infantry movement operations; and (3) roads and tank trails for access to all ranges in the Greater Sandy Run Area. Access roads will allow complete tank access and circulation corridors for the entire training area. The complex is also required for joint service exercises for combat readiness training exercises.

CURRENT SITUATION:

Land and training deficiencies at the Camp Lejeune complex were identified by studies in the 1980's, which resulted in a major land acquisition of the

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M67001

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
INFRASTRUCTURE PHYSICAL SECURITY	P-062A

(…continued)

Greater Sandy Run Area (GSRA) in 1992. Results of these studies identified deficiencies in the automated field firing range, sniper training field fire range, machine gun range complex, individual shoulder fire weapons range, multi-purpose range complex, anti-armor tracking and live-fire range and CATFAE (Land mine Countermeasure System). Development proceeded in 1994 with two tank crew Remote Engagement Target System (RETS) ranges. These ranges allow tank crews and ground units to train at Camp Lejeune rather than deploying to Fort Bragg or Fort Benning for their required training. This project will provide additional infrastructure in support of the GSRA master development plan.

IMPACT IF NOT PROVIDED:

Previously acquired land will not be put to its optimum use. Marine Corps training requirements will not be met locally

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 11/95
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 45%
- (E) Percent Complete As Of January 1998..... 60%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (780)
- (B) All Other Design Costs..... (390)
- (C) Total..... 1,170
- (D) Contract..... (1,030)
- (E) In-House..... (140)

(4) Construction Start..... 10/98

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

Installation POC: Larry Brant, Phone: (910) 451-1833

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00146	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA	COMMANDANT OF THE MARINE CORPS	0.92

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	93	1,079	1,046	33	754	0	860	7,324	4,668	15,857
b. End FY 2004	91	545	1,124	85	390	0	865	6,730	5,764	15,594

7. INVENTORY DATA

a.	TOTAL ACREAGE (29,139)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	512,960
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	6,040
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	7,600
g.	REMAINING DEFICIENCY.....	116,500
h.	**GRAND TOTAL.....**	**643,100**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
141.20	ACFT FIRE & RESCUE STA ADD	505 m2	1,620	02/97	06/98
740.74	CHILD DEVELOPMENT CENTER	2,195 m2	4,420	02/97	06/98
	TOTAL		6,040		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

740.50	FY03 - FITNESS CENTER		7,600	-	-
	TOTAL		7,600		

c. Real Property Maintenance Backlog ($000): $34,203

10. Mission Or Major Functions:

Provide public works, public utilities, housing, engineering services, shore facilities planning support, and all other public works logistics support incident thereto, required by the operating forces, dependent activities, and other commands located in the vicinity of the Pearl Harbor Naval Complex. This center provides services and support to: Naval Shipyard Naval Submarine Base Naval Air Station, Barbers Point Naval Station Marine Barracks Naval Supply Center Naval Magazine, Lualualei Family Housing Areas

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00146	4. Project Title
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA	AIRCRAFT FIRE AND RESCUE STATION ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	141.20	P-011	1,620

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT FIRE AND RESCUE STATION ADDITION	m2	505	-	860
BUILDING ADDITION	m2	505	1,615.00	(820)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
SUPPORTING FACILITIES	-	-	-	600
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(50)
ELECTRICAL UTILITIES	LS	-	-	(70)
MECHANICAL UTILITIES	LS	-	-	(120)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(360)
SUBTOTAL	-	-	-	1,460
CONTINGENCY (5.0%)	-	-	-	70
TOTAL CONTRACT COST	-	-	-	1,530
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	90
TOTAL REQUEST	-	-	-	1,620
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story building addition, pile foundation and concrete floor, masonry walls, metal roof deck and modified bitumen roof; three high-bays with overhead sectional doors for vehicle parking; administrative space and sleeping quarters, air conditioning, fire protection system, utilities, concrete apron extension and bituminous pavement for heavy vehicles.

11. Requirement: 1,212 m2 Adequate: 707 m2 Substandard: (0) m2.

PROJECT:

Constructs an addition to the aircraft fire and rescue (AFR) station to house an additional three AFR vehicles. (Current mission.)

REQUIREMENT:

Adequate facilities to house nine AFR vehicles. These vehicles have tanks built into their bodies for water, foam, and halon, and carry highly specialized emergency response equipment. Because of their unique equipment requirements and the need for these vehicles to be in a state of readiness at all times, it is critical that they be housed in a covered, heated area.

CURRENT SITUATION:

The existing facility has only enough space available to park six vehicles. Therefore, fire and rescue trucks are parked outside, unprotected from freezing weather. Because vehicles parked outside must be drained, they are unavailable for immediate response to emergencies for extended periods of time. Also, crash crew training personnel are working in inadequate, semi-permanent, wooden structures built in 1942. The crash crew is responsible for the safety of personnel and assets associated with over 13,000 landings and departures at Cherry Point each month.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00146

MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA

4. Project Title	7. Project Number
AIRCRAFT FIRE AND RESCUE STATION ADDITION	P-011

(…continued)

IMPACT IF NOT PROVIDED:

Fire and rescue trucks will continue to be unprotected from freezing weather. Valuable working time will continue to be lost in draining and refilling each truck. It is critical that these vehicles be properly housed to ensure that all emergency response systems are maintained in operational condition so they are consistently ready. Additionally, without this project, the health and safety of the troops, as well as the protection of personnel and high value assets associated with a heavy volume of air traffic is in jeopardy.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 02/97
- (B) Date Design 35% Complete..... 06/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 50%
- (E) Percent Complete As Of January 1998..... 80%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(85)
(B) All Other Design Costs.....	(60)
(C) Total.....	145
(D) Contract.....	(130)
(E) In-House.....	(15)

(4) Construction Start..... 12/98

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

Installation POC: Joseph Reilly, Phone: (919) 466-4763

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00146	4. Project Title
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA	CHILD DEVELOPMENT CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	740.74	P-077	4,420

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CHILD DEVELOPMENT CENTER	m2	2,195	-	3,140
BUILDING	m2	2,195	1,230.00	(2,700)
BUILT-IN EQUIPMENT	LS	-	-	(440)
SUPPORTING FACILITIES	-	-	-	830
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(110)
PAVING AND SITE IMPROVEMENT	LS	-	-	(560)
SUBTOTAL	-	-	-	3,970
CONTINGENCY (5.0%)	-	-	-	200
TOTAL CONTRACT COST	-	-	-	4,170
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	250
TOTAL REQUEST	-	-	-	4,420
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story, load bearing masonry wall building with brick veneer, concrete foundation and floor slab, standing seam metal roof system, fire protection system, closed circuit television, air conditioning, fenced in playground with built-in equipment and storage shed, kitchen and laundry areas with built-in equipment, utilities, paving, and site improvements.

11. Requirement: 3,787 m2 Adequate: 1,592 m2 Substandard: (0) m2.

PROJECT:

Constructs a child development center to accommodate 258 children. (Current mission.)

REQUIREMENT:

Adequate and properly-sized facility to accommodate infants, toddlers, and pre-school age children. A child development center provides supervised care for infants, pre-school, and school age children in a common facility, on a regularly scheduled or drop-in basis when parents are employed or otherwise unable to care for them. Child development centers are a necessary element in today's environment as their availability alleviates many problems incurred by military and DOD civilian parents who are single, who both work, or who have other special needs. These centers make the quality of life more apealing for military personnel, DOD civilians, and their dependents.

CURRENT SITUATION:

A large number of Marine Corps dependent children who need day care are turned away from existing facilities because of a lack of space. There are 200 children occupying the existing facility which is at full capacity. In addition, there are three temporary modular child development units which are accommodating a total of 68 children. There is an average waiting list of 195 children. There are shortages of administrative and staff space because of the recent consolidation of family services and child care.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00146

MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA

4. Project Title	7. Project Number
CHILD DEVELOPMENT CENTER	P-077

(…continued)

IMPACT IF NOT PROVIDED:

Without this project, children requiring child care cannot be accommodated, depriving Marine Corps dependents of professional care. Temporary facilities will continue to be used for child care. The number of children placed on the waiting list will continue to increase because existing facilities are at full capacity.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 02/97
- (B) Date Design 35% Complete..... 06/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 50%
- (E) Percent Complete As Of January 1998..... 80%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (240)
- (B) All Other Design Costs..... (165)
- (C) Total..... 405
- (D) Contract..... (360)
- (E) In-House..... (45)

(4) Construction Start..... 12/98

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

Installation POC: Joseph Reilly, Phone: (919) 466-4763

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62661	4. Command	5. Area Constr Cost Index
NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND	CHIEF OF NAVAL EDUCATION AND TRAINING	1.09

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	1,270	913	3,893	240	244	0	0	150	0	6,710
b. End FY 2004	1,315	1,021	4,366	366	384	0	2	150	0	7,604

7. INVENTORY DATA

a.	TOTAL ACREAGE (1,202)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997	232,540
c.	AUTHORIZATION NOT YET IN INVENTORY	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM	5,630
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS	24,650
g.	REMAINING DEFICIENCY	27,100
h.	**GRAND TOTAL**	**289,920**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
821.22 *	BOILER PLANT MODIFICATIONS	520 m2	5,630	01/97	08/98
	TOTAL		5,630		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

730.20	FY03 - POLICE STATION	1,850	-	-
851.20	FY02 - VEHICULAR BRIDGE REPLACEMT	7,900	-	-
730.10	FY02 - FIRE/POLICE/SEC CONSOL	4,600	-	-
740.43	FY03 - FITNESS CENTER	10,300	-	-
	TOTAL	24,650		

c. Real Property Maintenance Backlog ($000): $56,519

10. Mission Or Major Functions:

Administer schools which provide a source from which qualified commissioned and warrant officers may be prepared for military service, and train Navy enlisted and foreign officer candidates. Homeport for active and Naval Reserve Force (NRF) ships. Based on Base Closure 93, the ships will not be homeported at this base in the future. Surface Warfare Officer School Naval War College Officer Candidate School Naval Justice School Navy Chaplains School Naval Underwater Systems Center

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $5,630

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62661	4. Project Title
NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND	BOILER PLANT MODIFICATIONS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0805796N	821.22	P-406	5,630

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BOILER PLANT MODIFICATIONS	m2	520	-	2,650
BUILDING ADDITION	m2	520	1,596.00	(830)
BUILT-IN EQUIPMENT	LS	-	-	(1,630)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
SUPPORTING FACILITIES	-	-	-	2,410
EXHAUST STACKS	LS	-	-	(820)
EMISSION MONITORING SYSTEM	LS	-	-	(340)
AIR POLLUTION CONTROL EQUIPMENT	LS	-	-	(580)
VALVING STATION	LS	-	-	(100)
UTILITIES	LS	-	-	(130)
DEMOLITION	LS	-	-	(440)
SUBTOTAL	-	-	-	5,060
CONTINGENCY (5.0%)	-	-	-	250
TOTAL CONTRACT COST	-	-	-	5,310
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	320
TOTAL REQUEST	-	-	-	5,630
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

High-bay, reinforced steel-framed building addition; maximum capacity 36,400 kilograms per hour (Kh) boiler(s), 150 feet high reinforced concrete exhaust stacks requiring sizable concrete foundation; environmental controls and control room, fire protection system, air conditioning, utilities; renovation to small portion of existing building and demolition of one building.

11. Requirement: 520 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Corrects a Class I environmental violation by replacing a non-compliant boiler with a maximum capacity 36,400 KH of steam generating capacity. (Current mission.)

REQUIREMENT:

Sufficient steam generating capacity to meet current peak demands of 72,600 Kh. Rhode Island Department of Environmental Management (RIDEM) Air Pollution Control Regulation No. 27, based on EPA Clean Air Act Ammendments of 1990, established new air quality standards. The addition of a maximum of 36,400 Kh of steam generating capacity at BP7 is required to replace capacity at BP86, the operation of which is in violation of RIDEM/EPA regulations. This is a Class I environmental violation. Newport has entered into a consent agreement with the State of Rhode Island which requires BP86 to cease operations no later than 31 December 2002. Therefore, construction to provide the increased steam capacity must begin no later than Fiscal Year 1999 in order to comply. The existing boiler controls will be altered to satisfy all requirements for a single plant

(Continued On DD 1391C…)

(…continued)

operation. As BP86 currently operates as a valving station by distributing incoming steam from BP7 to various parts of Coaster Harbor Island at reduced pressures, installation of a pressure valving station and a condensate receiver/valve house is required.

CURRENT SITUATION:

Current peak steam demand exceeds 72,600 Kh. Individual steam generating capacity at BP7 and BP86 makes it necessary to operate both boilers during peak demand periods. Currently, neither boiler plant meets RIDEM/EPA regulations for air standards. BP7, the newer, more efficient and more centrally located plant, is currently being modified to comply.

IMPACT IF NOT PROVIDED:

NETC will continue to operate non-compliant boilers in violation of RIDEM and EPA air quality standards and in violation of a consent agreement subjecting the Navy to potential legal action by the regulating authorities. Additionally, consent agreement requires BP86 to be shutdown by 31 December 2002. Without this project, the Newport Naval Complex will not be able to meet peak steam demands and will be subject to fines and legal actions.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	01/97
(B) Date Design 35% Complete	08/97
(C) Date Design Complete	08/98
(D) Percent Complete As Of September 1997	35%
(E) Percent Complete As Of January 1998	50%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(350)
(B) All Other Design Costs	(170)
(C) Total	520
(D) Contract	(450)
(E) In-House	(70)

(4) Construction Start 11/98

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

Installation POC: Capt Jon Wyman, Phone: (401) 841-3841

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N66604	4. Command	5. Area Constr Cost Index
NAVAL UNDERWATER SYSTEMS CENTER, NEWPORT, RHODE ISLAND	NAVAL SEA SYSTEMS COMMAND	1.09

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	13	27	2,937	0	0	0	0	0	0	2,977
b. End FY 2004	16	33	3,415	0	0	0	0	0	0	3,464

7. INVENTORY DATA

a.	TOTAL ACREAGE (414)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	143,980
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	9,140
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	28,900
g.	REMAINING DEFICIENCY.....	29,800
h.	**GRAND TOTAL.....**	**211,820**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
317.15	UNDERSEA WARFARE FACILITY	4,868 M2	9,140	01/97	08/98
	TOTAL		9,140		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

315.20	FY02 - UNDERSEAS WEAPON SYS LAB	10,100	-	-
152.20	FY03 - SHORE BASED LAUNCH FAC	3,500	-	-
371.20	FY02 - TACTICAL SEAWATER SIMUL	15,300	-	-
	TOTAL	28,900		

c. Real Property Maintenance Backlog ($000): $18,970

10. Mission Or Major Functions:

The Naval Underwater System Center is the principal Navy RDT&E Center for underwater weapons systems. It plans and conducts programs of warfare and systems analysis, RDT&E, and Fleet support in underwater warfare weapons systems and components, undersea surveillance systems, submarine communications systems, navigation and related sciences and technology. The Newport Headquarters Laboratory performs a wide variety of functions ranging from exploratory research through the in-service engineering assistance of the Fleet throughout the life-cycle of these systems. This center also manages subsidiary laboratories including New London, CT, and AUTEC Test Ranges, Bahamas.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N66604	4. Project Title
NAVAL UNDERSEA WARFARE CENTER DIVISION, NEWPORT, RHODE ISLAND	UNDERSEA WARFARE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0605896N	317.15	P-030	9,140

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
UNDERSEA WARFARE FACILITY	M2	4,868	-	6,760
BUILDING	M2	4,868	1,182.00	(5,750)
BUILT-IN EQUIPMENT	LS	-	-	(870)
INFORMATION SYSTEMS	LS	-	-	(70)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	-	-	-	1,450
UTILITIES	LS	-	-	(400)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(120)
DEMOLITION	LS	-	-	(930)
SUBTOTAL	-	-	-	8,210
CONTINGENCY (5.0%)	-	-	-	410
TOTAL CONTRACT COST	-	-	-	8,620
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	520
TOTAL REQUEST	-	-	-	9,140
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story building, steel framing, concrete floors, masonry walls, brick siding, raised floors, membrane roofing, fire detection and sprinkler systems, freight and passenger elevators, utilities, and demolition of seven buildings.

11. Requirement: 4,868 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Constructs an Undersea Warfare Facility. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facilities for simulation of readiness training, combat system acquisition testing, and research and development. Naval Undersea Warfare Center, Newport is the Navy's premiere research, development, test and evaluation (RDT&E) laboratory for submarine undersea warfare (USW) systems. It has the responsibility for developing training systems, undersea warfare systems acquisition, in-service engineering, testing, and research on new sensors, combat control systems, and weapons. Changes in the Navy's maritime strategy have shifted readiness emphasis from the anti-Soviet, deep-draft ocean threat to the Third World, littoral/ shallow water threat. This threat is more widely dispersed, less well understood and far more complex than the deep ocean threat. Third-World diesel electric submarines are equipped with first class weapons systems readily available on the open arms market and have generated a formidable threat to U.S. undersea superiority. The Navy needs to be ready to deal with potential conflicts against these threats in unfamiliar and difficult littoral waters. To meet this challenge in a period of budget constraints, increased used of modeling and simulation is a must. For submarine warfare this can be accomplished by developing a "synthetic" battlespace as a

(Continued On DD 1391C…)

(…continued)

substitute for live exercise components. Use of these simulations will reduce training costs while increasing exercise realism and stress. This project also supports joint Tri-Service initiatives in warfighting as a component of a joint synthetic battlespace.

CURRENT SITUATION:

Readiness and training exercises are now conducted in real undersea battlespaces provided by instrumented undersea ranges located off the coasts of the Bahamas, Southern California, and Hawaii. They require the involvement of the unit to be trained (one submarine), a representative threat (a second submarine), friendly forces (a surface combatant with helo support), and the realistic physical environment provided by the ranges. These exercises are costly and still do not provide the adequate training against the littoral shallow water threat described above. All of the existing USW support functions are decentralized in seven World War II facilities spread throughout the Newport site. The existing buildings are heated by direct steam terminal units, contain asbestos, have limited electrical power systems, inefficient layouts for computer applications and due to the age and condition of the buildings, a high maintenance cost. Because of their sprawling, horizontal layout, the buildings have little flexibility for adaptation to state of the art computational and data transfer systems required by synthetic battlespace host hardware. The dispersion of functions in several facilities does not allow for the synergy to be gained by collocating engineers and researchers in the same facility. It also does not support the new equipment needed for the synthetic battlespace to be used by all parties.

IMPACT IF NOT PROVIDED:

The synthetic undersea warfare battlespace to supplant live exercises in remote locations using actual submarines, underwater weapons, and aircraft at a much higher cost, will not be possible. The costly live readiness training exercises will continue to be conducted with their inherent drawbacks and limitations of not meeting the new threats facing today's Navy. Substantial benefits of facilities modernization and consolidation will not be achieved with respect to energy consumption, maintenance costs, and labor efficiency. Savings planned due to reduced personnel requirement will not be realized.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	01/97
(B) Date Design 35% Complete	03/97
(C) Date Design Complete	08/98
(D) Percent Complete As Of September 1997	40%
(E) Percent Complete As Of January 1998	60%

(2) Basis:

Installation POC: LCdr Brad Beisswanger, Phone: (401) 841-4117

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N66604

NAVAL UNDERSEA WARFARE CENTER DIVISION, NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
UNDERSEA WARFARE FACILITY	P-030

(…continued)

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(520)
(B) All Other Design Costs.....	(260)
(C) Total.....	780
(D) Contract.....	(690)
(E) In-House.....	(90)

(4) Construction Start..... 01/99

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

Installation POC: LCdr Brad Beisswanger, Phone: (401) 841-4117

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M60169	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA	COMMANDANT OF THE MARINE CORPS	0.97

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	44	357	347	0	30	0	385	3,310	272	4,745
b. End FY 2004	44	332	350	0	30	0	378	3,086	272	4,492

7. INVENTORY DATA

a.	TOTAL ACREAGE (12,798)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	161,650
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,770
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	8,400
g.	REMAINING DEFICIENCY.....	47,170
h.	**GRAND TOTAL.....**	**218,990**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
421.72	MISSILE MAGAZINES	511 m2	1,770	02/97	06/98
	TOTAL		1,770		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

143.45	FY02 - ARMORY FACILITY	2,100	-	-
217.10	FY03 - COMM/ELEC MAINT SHOP	6,300	-	-
	TOTAL	8,400		

c. Real Property Maintenance Backlog ($000): $30,139

10. Mission Or Major Functions:

To maintain and operate facilities and provide services and material to support operations of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations. Home of Marine Aircraft Group-31.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M60169	4. Project Title
MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA	MISSILE MAGAZINES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0206496M	421.72	P-385	1,770

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
MISSILE MAGAZINES	m2	511	-	1,180
MAGAZINES	m2	511	1,768.00	(900)
MAGAZINE MODIFICATIONS	LS	-	-	(280)
SUPPORTING FACILITIES	-	-	-	410
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(140)
ELECTRICAL UTILITIES	LS	-	-	(40)
PAVING AND SITE IMPROVEMENT	LS	-	-	(230)
SUBTOTAL	-	-	-	1,590
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,670
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,770
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One earth-covered concrete box type "C" magazine, pile foundation and concrete floors, sliding steel door, soil stabilization, site drainage, installation of access driveways and vehicular operating concrete apron, interior lighting and provisions for intrusion detection system, lightning protection and electrical grounding systems, passive interior ventilation system, security fencing, lighting, and utilities; structural modifications to two magazines to widen doors from eight feet to 16 feet, demolition of blast walls, foundation modifications, new blast resistant doors, concrete aprons and sodding.

11. Requirement: 511 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Provides one new explosive ordnance storage magazine and renovates two existing ones. (Current mission.)

REQUIREMENT:

Adequate missile storage for 544 Sidewinder, HARM, and AMRAAM missiles.

CURRENT SITUATION:

There are three inadequate missile magazines at Beaufort. These magazines were designed for much smaller missiles and do not have sufficient door width nor the interior configuration required for manipulation of the larger missiles. Missile storage boxes (from 11 to 15 feet long) must be jockeyed, with a forklift, through eight foot door widths to be placed inside the magazines. As a result of these dimensional incompatibilities, missiles have been damaged. Only two of these missile magazines can be renovated to meet storage and loading requirements.

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M60169

MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA

4. Project Title	7. Project Number
MISSILE MAGAZINES	P-385

(…continued)

Without this project, this station will not have an adequate place to store these missiles. Station ordnance activity personnel will continue to "make-do" with existing conventional magazines. Unnecessary and unsafe manipulation of the missiles into conventional, but incompatible magazines will continue

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	02/97
(B) Date Design 35% Complete	06/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	50%
(E) Percent Complete As Of January 1998	60%

(2) Basis:

(A) Standard or Definitive Design: YES

(B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(110)
(B) All Other Design Costs	(50)
(C) Total	160
(D) Contract	(140)
(E) In-House	(20)

(4) Construction Start 12/98

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

Installation POC: LCdr Joseph Angell, Phone: (803) 522-7072

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00193	4. Command	5. Area Constr Cost Index
NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA	NAVAL SEA SYSTEMS COMMAND	0.88

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	269	3,063	2,995	116	0	0	0	230	0	6,673
b. End FY 2004	320	3,624	1,765	618	2,067	0	0	0	0	8,394

7. INVENTORY DATA

a.	TOTAL ACREAGE (17,456)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	299,100
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	9,737
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	6,800
h.	**GRAND TOTAL.....**	**315,637**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
860.10	ORDNANCE RAILROAD RELGN	11,400 M	9,737	01/96	07/98
	TOTAL		9,737		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $21,335

10. Mission Or Major Functions:

Receive, reissue, and maintain guided missiles, anti-submarine weapons conventional ammunition, and operate and maintain a family housing complex with community support facilities. Provide logistic and port terminal services in support of two ammunition ships (AE), one SSBN tender (AS), one floating dry dock (ARDM) and two moored training ships. POMFLANT Charleston.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00193	4. Project Title
NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA	ORDNANCE RAILROAD REALIGNMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702096N	860.10	P-914	9,737

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ORDNANCE RAILROAD REALIGNMENT	M	11,400	599.00	6,830
SUPPORTING FACILITIES	-	-	-	1,920
UTILITIES	LS	-	-	(600)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,320)
SUBTOTAL	-	-	-	8,750
CONTINGENCY (5.0%)	-	-	-	440
TOTAL CONTRACT COST	-	-	-	9,190
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	547
TOTAL REQUEST	-	-	-	9,737
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Four ordnance railroad car holding yards, connecting rail, reinforced concrete rail head, interim storage site for loading and unloading explosive ordnance, and truck scale; includes turnouts, drainage, barricades, lighting, lightning protection, grounding, water main, fire hydrants, paving, site impovements and wetlands mitigation.

11. Requirement: 11,400 M Adequate: 0 M Substandard: (0) M .

PROJECT:

Provides one new barricaded and three unbarricaded rail car holding yards, connecting rail, an explosive ordnance loading and unloading site, a rail head, and truck scale. (Current mission.)

REQUIREMENT:

Adequate loaded railcar storage and handling space is required to process Marine Corps munitions without explosive safety waivers. NWS Charleston receives, stores, maintains, and supplies ammunition as required to service the Atlantic Fleet. It is also the sole ammunition servicing point for the Marine Corps prepositioning operation. This project will provide the storage and handling space to process the Marine Prepositioning Facility (MPF) ammunition from Blount Island, Florida in accordance with DoD Explosive Safety Board Criteria. The project will reduce the distances loaded vans must be moved by centrally locating the rail transfer site. The holding yards will enable the explosive laden railcars to be located at a safe explosive quantity distance arc from traffic routes, family housing concentrations, schools and administrative facilities. The project will eliminate the parking of explosive-laden cars on the main line, in front of magazines and double handling of railcars to accommodate arrivals and departures. Finally, this project will provide a rail loop system permitting emergency access to the piers and it will totally eliminate all explosive waivers at the station and event waivers required for the Marine Corps prepositioned munition trains.

CURRENT SITUATION:

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00193

NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA

4. Project Title	7. Project Number
ORDNANCE RAILROAD REALIGNMENT	P-914

(…continued)

There are insufficient railroad facilities available for parking explosives-loaded railcars at the Weapons Station. Processing the Marine prepositioned munitions trains now cast explosive safety arcs exceeding the boundaries of the explosives handling area and creating a waiver situation. The explosive arc encompasses public traffic routes, schools, and administrative facilities. Presently the trains must park for a time on the main line, closing it to rail traffic, and double handling of railcars is required to accommodate arriving and departing munitions cars.

IMPACT IF NOT PROVIDED:

The Station will not be able to comply with the DoD Explosive Safety Board criteria and parking of explosive loaded railcars near public facilities will continue. The Station's ability to provide efficient processing for the Marine prepositioned munitions program will also continue.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/96
- (B) Date Design 35% Complete..... 03/96
- (C) Date Design Complete..... 07/98
- (D) Percent Complete As Of September 1997..... 100%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(580)
(B) All Other Design Costs.....	(290)
(C) Total.....	870
(D) Contract.....	(770)
(E) In-House.....	(100)

(4) Construction Start..... 10/98

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

Installation POC: Cdr Andre Coleman, Phone: (803) 764-7991

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00263	4. Command	5. Area Constr Cost Index
MARCORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	COMMANDANT OF THE MARINE CORPS	0.87

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	0	0	0	0	0	0	0	0	0	0
b. End FY 2004	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA

a.	TOTAL ACREAGE (8,080)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	126,210
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	7,960
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	11,509
g.	REMAINING DEFICIENCY.....	122,000
h.	**GRAND TOTAL.....**	**267,679**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
722.10	WEAPONS BATTALION MESSHALL	2,880 m2	7,960	11/97	12/98
	TOTAL		7,960		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

730.20	FY01 - MILITARY POLICE STATION	1,509	-	-
721.15	FY03 - FEMALE RECRUIT BARRACKS	10,000	-	-
	TOTAL	11,509		

c. Real Property Maintenance Backlog ($000): $20,463

10. Mission Or Major Functions:

To exercise operational control of enlisted recruiting operations in the 1st, 4th, and 6th Marine Districts through screening, evaluation, verification, and field supervision; to provide guidance and direction on quality control matters for all east coast enlisted accessions in accordance with standards established by CMC; to provide reception processing and recruit training for enlisted personnel upon their initial entry into the Marine Corps; to provide training of recruits; to conduct schools as directed; to provide rifle and pistol marksmanship training for Marines stationed in the southeast and for personnel of other services as requested; and to conduct training for reserve Marines as directed.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00263	4. Project Title
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA	WEAPONS BATTALION MESSHALL

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0805796M	722.10	P-335	7,960

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WEAPONS BATTALION MESSHALL	M2	2,880	-	6,030
WEAPONS BATTALION MESSHALL	M2	2,880	2,058.00	(5,930)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	1,120
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(740)
ELECTRICAL AND MECHANICAL UTILITIES	LS	-	-	(160)
PAVING AND SITE IMPROVEMENT	LS	-	-	(120)
DEMOLITION	LS	-	-	(100)
SUBTOTAL	-	-	-	7,150
CONTINGENCY (5.0%)	-	-	-	360
TOTAL CONTRACT COST	-	-	-	7,510
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	450
TOTAL REQUEST	-	-	-	7,960
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Single story, reinforced concrete frame building on pile foundations with grade beam, brick veneered faced concrete masonry exterior walls, seismic construction, standing seam metal roof on steel truss system, insulated walls and ceilings, heating, air conditioning, and fire protection systems, built-in food service equipment, and utilities connections; demolition of one building.

11. Requirement: 2,880 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Provides messing facilities. (Current mission.)

REQUIREMENT:

Adequate messing facilities for 1,758 personnel assigned to the Weapons Training Battalion area.

CURRENT SITUATION:

The current messhall was constructed in 1944 and is rated for 914 persons per meal. In order to accommodate seating for the peak training period of June through November, additional seating must be added to the messdeck. The inadequate capacity increases serving times and causes training time to be unnecessarily lost. The kitchen equipment is inadequate to meet the demand. The facility does not have the electrical capacity to support additional food service equipment and the kitchen cannot economically be expanded for additional modern baking and food handling equipment. Menu selections are also limited due to the inadequacy of the facility.

IMPACT IF NOT PROVIDED:

The existing Weapons Training Battalion Messhall will be overused, kitchen

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: M00263

MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA

4. Project Title	7. Project Number
WEAPONS BATTALION MESSHALL	P-335

(…continued)

equipment overtaxed, and additional valuable training will not be accomplished.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	11/97
(B) Date Design 35% Complete	03/98
(C) Date Design Complete	12/98
(D) Percent Complete As Of September 1997	0%
(E) Percent Complete As Of January 1998	15%

(2) Basis:

(A) Standard or Definitive Design: N

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(480)
(B) All Other Design Costs	(240)
(C) Total	720
(D) Contract	(640)
(E) In-House	(80)

(4) Construction Start 03/99

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

Installation POC: LCdr Jean Dumlao-Hurst, Phone: (803) 525-3527

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00178	4. Command	5. Area Constr Cost Index
NAVAL SURFACE WARFARE CEN, DAHLGREN DIV, DAHLGREN, VIRGINIA	SPACE AND NAVAL WARFARE SYSTEMS COMMAND	0.92

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	141	588	3,674	0	0	0	24	27	0	4,454
b. End FY 2004	157	500	3,543	0	0	0	24	59	0	4,283

7. INVENTORY DATA

a.	TOTAL ACREAGE (4,321)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	192,760
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	5,130
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	15,890
g.	REMAINING DEFICIENCY.....	58,750
h.	**GRAND TOTAL.....**	**272,530**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
310.33	WEAPONS SYS DEV LAB ADDN	1,872 m2	5,130	01/97	08/98
	TOTAL		5,130		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

740.43	FY02 - PHYSICAL FITNESS CENTER	3,390	-	-
317.25	FY03 - ELEC WARFARE INTEG FAC	8,200	-	-
315.30	FY03 - WPNS SYS LAB ADDN	4,300	-	-
	TOTAL	15,890		

c. Real Property Maintenance Backlog ($000): $16,323

10. Mission Or Major Functions:

To maintain the primary inhouse research and development capability for electronic warfare systems, subsystems, and technology, including strategic systems support such as FBM targeting analysis, guidance computer programs, digital fire control program and geoballistics. Other research efforts consist of, but are not limited to, weapon system safety, chemical/biological warfare defense, tactical intelligence support systems, weapon ballistics, and satellite geodesy.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00178	4. Project Title
NAVAL SURFACE WARFARE CENTER, DAHLGREN DIVISION, DAHLGREN, VIRGINIA	WEAPONS SYSTEM DEVELOPMENT LABORATORY ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0605896N	310.33	P-255	5,130

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WEAPONS SYSTEM DEVELOPMENT LABORATORY ADD'N	m2	1,872	-	3,600
BUILDING	m2	1,872	1,380.00	(2,580)
BUILT-IN EQUIPMENT	LS	-	-	(600)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(340)
SUPPORTING FACILITIES	-	-	-	1,010
UTILITIES	LS	-	-	(510)
PAVING AND SITE IMPROVEMENT	LS	-	-	(500)
SUBTOTAL	-	-	-	4,610
CONTINGENCY (5.0%)	-	-	-	230
TOTAL CONTRACT COST	-	-	-	4,840
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	290
TOTAL REQUEST	-	-	-	5,130
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(21,000)

10. Description of Proposed Construction

Two-story, steel-frame building addition; sensitive compartmented information facility (SCIF) construction; technical operating manuals, fire protection system, utilities, paving and site improvements.

11. Requirement: 1,872 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Constructs an addition to an existing building. (Current mission.)

REQUIREMENT:

Adequate facilities for engineering and operational system software/data preparation in support of expanded mission associated with the TOMAHAWK Weapon System and the Shipboard Unmanned Aerial Vehicle (UAV). Dahlgren's mission is to provide full-spectrum research, development, test and evaluation and software life-cycle support to the TOMAHAWK and the UAV. It performs software design, development, life-cycle support, and is the single location where the entire TOMAHAWK Weapon System is integrated and validated before deployment to the Fleet. It also provides help with operational problems, data and software to support fleet exercises, and fleet training. For the UAV program, it has developed a prototype shipboard planning and control system for initial deployment in FY 2002. This project will enable this center to fulfill these evolving roles.

CURRENT SITUATION:

The existing facility used to conduct this program's support operations has reached capacity and has no room for expansion. In FY1995, Dahlgren supported three land-based fleet sites and 55 TOMAHAWK capable surface ships. By the year 2002, the numbers will be five land-based sites, 86 surface ships, 20 submarines, 12 ships with the Afloat Mission Planning Systems, 10 allied submarines, 12 carriers and an undetermined number of

(Continued On DD 1391C…)

(…continued)

surface ships carrying the UAV system and a yet unspecified number of 21st Century ships carrying the TOMAHAWK Weapon System. In preparation for the ongoing increased workload, NSWC will be receiving $21M worth of equipment to develop and support all the baselines and configurations needed for the increased number of TOMAHAWK and UAV capable ships and shore sites. There are no adequate facilities available to accommodate the equipment and provide for total system integration and for future system integration responsibilities.

IMPACT IF NOT PROVIDED:

Without this project, the Navy's in-house capability to assess fleet Tomahawk Weapon System related problems and many evolving weapon system matters which influence system acquisition, system usage preparation, and operational usage and implementation would not be realized. The sensitive computer equipment that is being procured will not have a place to be installed or used. The Fleet, as well as other U.S. services and allied countries are expecting scheduled system deliveries that could be delayed without this project

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 60%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (300)
- (B) All Other Design Costs..... (150)
- (C) Total..... 450
- (D) Contract..... (410)
- (E) In-House..... (40)

(4) Construction Start..... 01/99

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
TOMAHAWK MISSION PLANNING	OPN	2000	1,500
TOMAHAWK MISSION PLANNING	WPN	2000	1,500
TOMAHAWK MISSION PLANNING	RDT&E	2000	1,500

Installation POC: Cdr Stephen Eckel, Phone: (703) 663-8521

(…continued)

TOMAHAWK WEAPON CONTROL	OPN	2000	5,100
TOMAHAWK WEAPON CONTROL	RDT&E	2000	3,400
TOMAHAWK WEAPON CONTROL	O&M,N	2000	2,900
TOMAHAWK WEAPON CONTROL	FMS	2000	2,400
UNMANNED AERIAL VEHICLE	RDT&E	2000	1,900
UNMANNED AERIAL VEHICLE	O&M,N	2001	800
		TOTAL	21,000

Installation POC: Cdr Stephen Eckel, Phone: (703) 663-8521

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N53989	4. Command	5. Area Constr Cost Index
NAVAL TACTICAL TRAINING GROUP, DAM NECK, VIRGINIA	COMMANDER IN CHIEF ATLANTIC FLEET	0.91

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	263	2,237	731	188	838	0	170	321	0	4,748
b. End FY 2004	262	2,487	711	164	1,075	0	172	339	0	5,210

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	0
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,430
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	0
h.	**GRAND TOTAL.....**	**2,430**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
171.35	TRAINING BUILDING ADDITION	1,385 M2	2,430	07/97	04/98
	TOTAL		2,430		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $0

10. Mission Or Major Functions:

Provide training in operation and employment of specified tactical combat direction and control systems in naval warfare; support operational commanders in evaluation, development, and analysis of naval warfare doctrines and tactics. Navy Marine Corps Intelligence Training Center Tactical Training Group, Atlantic Naval Ocean Processing Facility Guided Missile School Fleet Combat Systems Support Activity

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N53989	4. Project Title
NAVY TACTICAL TRAINING GROUP, ATLANTIC, DAM NECK, VIRGINIA	TRAINING BUILDING ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204633N	171.35	P-946	2,430

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
TRAINING BUILDING ADDITION	M2	1,385	1,200.00	1,660
SUPPORTING FACILITIES	-	-	-	520
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(140)
ELECTRICAL UTILITIES	LS	-	-	(150)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(180)
SUBTOTAL	-	-	-	2,180
CONTINGENCY (5.0%)	-	-	-	110
TOTAL CONTRACT COST	-	-	-	2,290
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,430
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Two-story, steel frame building addition with concrete pile foundation, block walls, concrete floor and roof slabs on metal deck with a modified bitumen membrane roof, air conditioning, utilities, parking, paving, site improvements.

11. Requirement: 1,385 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Constructs a building addition. (Current mission.)

REQUIREMENT:

Adequate facilities for hands-on mock-up and classroom training and office space. This activity's mission is to train tactical commanders, commanding officers, and their principal assistants in planning, executing, and evaluating fleet operations and exercises, including the evaluation of warfare commander tactics proficiency as directed by the fleet commander. It is the only school on the east coast that teaches combined Battle Group and Joint Tactics. This activity supports six courses of instruction, plus Battle Group Training courses, fleet training and additional training for the Atlantic Fleet. In order to accommodate all Battle Group organizations, six additional training modules are scheduled to be delivered to this activity.

CURRENT SITUATION:

The existing facility does not provide enough space to accommodate additional personnel and equipment. Because of recent growth, the existing facility is already operating above design capacity. No adequate space exists to support the additional modules. Spaces previously intended to be lounges, maintenance areas, storage space, and hallways now function as office space.

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N53989

NAVY TACTICAL TRAINING GROUP, ATLANTIC, DAM NECK, VIRGINIA

4. Project Title	7. Project Number
TRAINING BUILDING ADDITION	P-946

(…continued)

Without this project, the six additional modules will not be able to adequately satisfy the 16 Battle Group organizations. The fleet will need to spend additional time training at sea in order to bring officers to the same level of competence.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 07/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 04/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 45%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (150)
- (B) All Other Design Costs..... (70)
- (C) Total..... 220
- (D) Contract..... (190)
- (E) In-House..... (30)

(4) Construction Start..... 10/98

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

Installation POC: Lt. Matthews, Phone: 757-433-7408

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00189	4. Command	5. Area Constr Cost Index
FLEET INDUSTRIAL SUPPLY CENTER ANNEX, NORFOLK, VIRGINIA	NAVAL SUPPLY SYSTEMS COMMAND	0.91

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	61	89	2,156	0	0	0	0	0	0	2,306
b. End FY 2004	48	63	2,119	0	0	0	0	0	0	2,230

7. INVENTORY DATA

a.	TOTAL ACREAGE (1,018)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	126,270
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,770
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	0
h.	**GRAND TOTAL.....**	**128,040**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
730.10	FIRE STATION	660 M2	1,770	05/97	06/98
	TOTAL		1,770		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $31,729

10. Mission Or Major Functions:

Supply services for activities in the geographic area, overseas activities in the Atlantic and Mediterranean areas, and active fleet and reserve units including the Military Sealift Command and Coast Guard. Supply support for inert nuclear materials and services is provided to eastern continental Navy and Marine Corps units and the Atlantic Fleet. Other services include operating Department of Defense common-user ocean terminal and the Norfolk Air Terminal of the supply center, and serving asdefense fuel support point for the Defense Logistics Agency bulk petroleumproducts, and as point for Navy Prepositioned War Reserve Material Stock.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00189	4. Project Title
FLEET INDUSTRIAL SUPPLY CENTER, NORFOLK, VIRGINIA	FIRE STATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702896N	730.10	P-177	1,770

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FIRE STATION	M2	660	-	830
BUILDING	M2	660	1,210.00	(800)
INFORMATION SYSTEMS	LS	-	-	(30)
SUPPORTING FACILITIES	-	-	-	760
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(340)
UTILITIES	LS	-	-	(220)
PAVING, SITE IMPRVS, AND DEMOLITION	LS	-	-	(100)
DEMOLITION	LS	-	-	(100)
SUBTOTAL	-	-	-	1,590
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,670
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,770
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story steel frame concrete and masonry building with pile foundation, concrete floor, block walls, pitched shingle roof, air conditioning, information systems, emergency generator, utilities, paving, parking, site improvements, asbestos removal and disposal, demolition of two buildings.

11. Requirement: 660 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Construct a replacement fire station. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to provide fire protection, life rescue, hazardous material control, and mutual aid. The Defense Fuel Support Point (DFSP) Craney Island Fuel Depot is the largest Naval Fuel Depot in the United States. Over 25 million barrels per year of fuel are handled in serving the Navy, other military branches, and commercial customers. Because of the hazards associated with the transfer and storage of fuel, adequate fire fighting support is essential to the mission of Craney Island.

CURRENT SITUATION:

The existing fire station is a wood-frame structure constructed in 1943. Because of the current inefficient design, space is poorly utilized. The equipment floor is too small to house two pumper trucks and the reserve of fire extinguishers. Therefore, the fire extinguishers must be housed in a wooden building behind the fire station. The walls and ceilings are covered with cement asbestos hardboard on the interior while the exterior is covered with wood lap siding under cement asbestos shingles. The plumbing and electrical systems are original to the structure and have had subsequent new fixtures and devices installed. Overall, the building is

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00189

FLEET INDUSTRIAL SUPPLY CENTER, NORFOLK, VIRGINIA

4. Project Title	7. Project Number
FIRE STATION	P-177

(…continued)

antiquated and in poor condition.

IMPACT IF NOT PROVIDED:

Without this project, continued deterioration of the existing facility will result in condemnation and an inability to provide fire protection. Deterioration is progressing at an accelerated pace resulting in an urgent requirement for replacement.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	05/97
(B) Date Design 35% Complete	09/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	35%
(E) Percent Complete As Of January 1998	45%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(110)
(B) All Other Design Costs	(50)
(C) Total	160
(D) Contract	(20)
(E) In-House	(140)

(4) Construction Start: 10/98

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

Installation POC: LCDR Cameron Manning, Phone: 757-444-4538

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N61797	4. Command	5. Area Constr Cost Index
FLEET TRAINING CENTER, NORFOLK, VIRGINIA	CHIEF OF NAVAL EDUCATION AND TRAINING	0.91

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	46	597	41	155	2,800	0	0	0	0	3,639
b. End FY 2004	40	613	40	155	2,800	0	0	0	0	3,648

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	39,440
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	5,700
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	0
h.	**GRAND TOTAL.....**	**45,140**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
171.20	ENG TRNG FAC ADDN & RENOV	3,570 m2	5,700	06/97	06/98
	TOTAL		5,700		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $5,434

10. Mission Or Major Functions:

Develop and provide training in the operation and maintenance of shipboard systems. Courses include communication, navigation, electrical, electronic, mechanical, propulsion, damage control and fire fighting.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N61797	4. Project Title
FLEET TRAINING CENTER, NORFOLK, VIRGINIA	ENGINEERING TRAINING FACILITY ADDITION AND RENOVATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0805796N	171.20	P-179	5,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ENGINEERING TRAINING FACILITY ADDN & RENOV	m2	3,570	-	3,530
BUILDING ADDITION	m2	3,200	1,021.00	(3,270)
BUILDING RENOVATIONS	m2	370	510.00	(190)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	-	-	-	1,590
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(300)
UTILITIES	LS	-	-	(450)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(110)
DEMOLITION	LS	-	-	(230)
ASBESTOS REMOVAL	LS	-	-	(500)

SUBTOTAL	-	-	-	5,120
CONTINGENCY (5.0%)	-	-	-	260

TOTAL CONTRACT COST	-	-	-	5,380
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	320

TOTAL REQUEST	-	-	-	5,700
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Three-story, steel-frame building addition, pile foundations, insulated masonry exterior walls, brick veneer, concrete on metal deck floors and roof with modified bitumen roofing; interior metal stud partitions, plumbing, fire alarm, compressed air, sprinkler, 400 Hz and DC power, electronic equipment grounding system, freon detection system, air conditioning, site improvements, connections to basewide utility systems; renovate interior space including plumbing, sound dampening, steam, ventilation, and power; utilities and demolition of three buildings.

11. Requirement: 3,570 m2 Adequate: 0 m2 Substandard: (95) m2.

PROJECT:

Provides renovations and constructs an addition to the engineering training facility. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to train students assigned to the Atlantic Fleet in the operation and maintenance of the shipboard engineering systems. The Engineering Department maintains an average-on-board (AOB) of 411 students. Affected ships systems associated with this project include automatic boiler controls, electrical auxiliary, hydraulics, and air conditioning and refrigeration. Large training mock-ups include electrical rewind machines, walk-in refrigerators, air compressors, welding and ships navigational systems.

CURRENT SITUATION:

The existing facilities are 50 years old, deteriorated, and beyond economical repair. There are stress and settling cracks on interior and

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N61797

FLEET TRAINING CENTER, NORFOLK, VIRGINIA

4. Project Title	7. Project Number
ENGINEERING TRAINING FACILITY ADDITION AND RENOVATION	P-179

(…continued)

exterior walls, the roofing system is blistering, and the steel windows are old, deteriorated, and not energy efficient. The subpanels are outdated with replacement parts difficult to obtain. Asbestos insulation needs to be removed, and there is extensive termite damage.

IMPACT IF NOT PROVIDED:

Without this project, the deterioration of the existing facilities will accelerate with age, causing interruptions of training and ultimately affecting the command's mission to provide the Fleet with qualified personnel.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	06/97
(B) Date Design 35% Complete	09/97
(C) Date Design Complete	06/98
(D) Percent Complete As Of September 1997	35%
(E) Percent Complete As Of January 1998	45%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(350)
(B) All Other Design Costs	(170)
(C) Total	520
(D) Contract	(460)
(E) In-House	(60)

(4) Construction Start 12/98

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

Installation POC: Lt Gordon Fox, Phone: (757) 445-1996

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62688	4. Command	5. Area Constr Cost Index
NAVAL STATION, NORFOLK, VIRGINIA	COMMANDER IN CHIEF, ATLANTIC FLEET	0.91

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	3,450	42,549	8,239	17	114	0	194	357	0	54,920
b. End FY 2004	3,064	41,713	9,079	20	169	0	194	357	0	54,596

7. INVENTORY DATA

a.	TOTAL ACREAGE (76)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	239,970
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	32,030
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	13,500
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	70,070
g.	REMAINING DEFICIENCY.....	381,300
h.	**GRAND TOTAL.....**	**736,870**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
151.20	BERTHING PIER (PH II)	0 LS	32,030	06/97	12/98
	TOTAL		32,030		

9. Future Projects:

a. Included In The Following Program (FY 2000):

151.20	BERTHING PIER (PH II)	13,500	-	-
	TOTAL	13,500		

b. Major Planned Next Three Years:

740.43	FY02 - WATERFRONT ATHLETIC CPX	9,070	-	-
151.20	FY03 - PIER 20 REPLACEMENT	45,000	-	-
812.30	FY01 - PIER ELECTRICAL UPGRADES	12,000	-	-
730.15	FY02 - BRIG RENOVATIONS	4,000	-	-
	TOTAL	70,070		

c. Real Property Maintenance Backlog ($000): $178,902

10. Mission Or Major Functions:

Functions as the primary operating base of the Atlantic Fleet, homeport to over 80 ships, including aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. This station is the hub of the major Tidewater Logistics Complex of Hampton Roads, Portsmouth, Yorktown and Little Creek. Supporting the following activities: Amphibious Group Naval Air Station Cruiser-Destroyer Group Naval Aviation Depot (to be closed) Attack Submarine Squadrons Nuclear Weapons Training Center Fleet Training Center Navy Public Works Center Shore Intermediate Maintenance Activity Naval Supply Center Service Group

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62688	4. Project Title
NAVAL STATION, NORFOLK, VIRGINIA	BERTHING PIER (PHASE I)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204796N	151.20	P-355	Auth: 45,530 Appr: 32,030

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BERTHING PIER	LS	-	-	25,550
PIER	m2	12,796	1,454.00	(18,610)
BUCKET DREDGING	m3	270,000	18.00	(4,860)
HYDRAULIC DREDGING	m3	400,000	5.00	(2,000)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
SUPPORTING FACILITIES	-	-	-	15,360
MARINE STRUCTURES	LS	-	-	(890)
ELECTRICAL UTILITIES	LS	-	-	(7,320)
MECHANICAL UTILITIES	LS	-	-	(3,130)
PAVING, SITE IMPRVS, AND DEMOLITION	LS	-	-	(4,020)
SUBTOTAL	-	-	-	40,910
CONTINGENCY (5.0%)	-	-	-	2,050
TOTAL CONTRACT COST	-	-	-	42,960
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	2,570
TOTAL	-	-	-	45,530
LESS PHASE II FUNDING	-	-	-	(13,500)
TOTAL REQUEST	-	-	-	32,030
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Berthing pier, under deck utilidor, precast/prestressed cylindrical piling, precast concrete planks with concrete topping, utilities, fire alarm, dredging, and demolition of existing pier and piling.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Replaces an existing berthing pier. (Current mission.)

REQUIREMENT:

Adequate facilities to provide berthing to support a ship loading of 87 ships and to utilize ship nesting. This project will replace Pier 2 to provide the required berthing space with necessary utilities, deck space, deck loading, and appropriate pier-to-pier spacing.

CURRENT SITUATION:

Pier 2 is over 50 years old and was constructed as a supply pier with a transit shed. The pier is inadequate because of limited deck space and structural strength, which severely restricts mobile crane access to the pier and limits pierside operations. The current separation between piers is inadequate to allow for nesting of ships or adequate tugboat access to properly and safely berth ships. The existing utilities are inadequate to accommodate current ship classes and meet environmental standards.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62688

NAVAL STATION, NORFOLK, VIRGINIA

4. Project Title	7. Project Number
BERTHING PIER (PHASE I)	P-355

(…continued)

IMPACT IF NOT PROVIDED:

Without this project, Pier 2 will not be able to support berthing of current and future ship classes homeported at Norfolk. The lack of adequate berthing space is part of a cumulative impact that will prevent the station from supporting the homeported ships, increase fleet operational costs by requiring "steaming" in port because of a lack of utilities, and creating unsafe ship handling and berthing conditions.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 12/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 45%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (2,770)
- (B) All Other Design Costs..... (1,380)
- (C) Total..... 4,150
- (D) Contract..... (3,690)
- (E) In-House..... (460)

(4) Construction Start..... 02/99

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

Installation POC: LCDR David Phillips, Phone: (757) 444-2866

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00181	4. Command	5. Area Constr Cost Index
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA	NAVAL SEA SYSTEMS COMMAND	0.91

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	111	621	9,514	1	26	0	119	3,525	0	13,917
b. End FY 2004	133	762	9,863	0	0	0	150	6,123	0	17,031

7. INVENTORY DATA

a.	TOTAL ACREAGE (761)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	213,390
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	6,180
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	65,250
g.	REMAINING DEFICIENCY.....	66,500
h.	**GRAND TOTAL.....**	**351,320**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
165.10	DREDGING	0 LS	6,180	01/97	03/98
	TOTAL		6,180		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

740.74	FY02 - CHILD DEV CTR	4,700	-	-
750.20	FY01 - OUTDOOR PLAYING FIELDS	2,850	-	-
152.50	FY01 - WATERFRONT IMPROVEMENTS	17,300	-	-
721.11	FY02 - BEQ	25,900	-	-
721.11	FY01 - BEQ REPLACEMENT	14,500	-	-
	TOTAL	65,250		

c. Real Property Maintenance Backlog ($000): $283,708

10. Mission Or Major Functions:

Maintenance and overhaul of conventional and nuclear powered ships up to and including aircraft carriers, surface ships, and attack submarines. Logistic support provided includes conversion, overhaul, repair, alterations, and dry docking of surface ships and modern submarines. Provide support of air, anti-air, and anti-submarine warfare weapon systems.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00181	4. Project Title
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA	DREDGING

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702096N	165.10	P-378	6,180

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
DREDGING	LS	-	-	5,550
SUBTOTAL	-	-	-	5,550
CONTINGENCY (5.0%)	-	-	-	280
TOTAL CONTRACT COST	-	-	-	5,830
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	350
TOTAL REQUEST	-	-	-	6,180
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Dredge carrier wet slips and turning basin to 47 feet plus two feet (14.3 meters + 0.6 meters) overdepth mean low low depth; remove approximately 535,000 cubic meters of material and barge to the Craney Island disposal area.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Dredge carrier wet slips and turning basin. (Current mission.)

REQUIREMENT:

Adequate dredge depth to support industrial and ship operations in overhaul and repair of CVN ships. Existing carrier draft depths for CVN's in a fully downloaded configuration are increasing as ship and ordnance alterations are completed. An increase to the shipyard draft depth is essential to prevent CVN fouling of heat exchangers and condensers from ingestion of organic and inorganic material through sea chests in the bottom of the hull at the piers and turning basin.

CURRENT SITUATION:

Current depth at wet slips 3, 4, 5 and the turning basin is 40 feet (12.2 meters). The necessary clearance for diver safety and fouling prevention does not currently exist. Recent carrier availabilities have experienced condenser fouling during propulsion plant testing, leading to delays in their return to the fleet. Carrier work represents an average of 32% of this shipyard's workload through FY 2003 with a peak in FY 1999 of 42%.

IMPACT IF NOT PROVIDED:

Without this project, a $1.8 million increase in the cost of carrier availabilities would be realized. Two million dollars would be required for utility upgrades at the Naval Station, Norfolk, to handle the increased capacity. There will be continued fouling of condensers and clearance for diver safety will not be maintained

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N00181

NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
DREDGING	P-378

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 03/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:
- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (370)
- (B) All Other Design Costs..... (190)
- (C) Total..... 560
- (D) Contract..... (490)
- (E) In-House..... (70)

(4) Construction Start..... 11/98

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

Installation POC: Cdr Stuart Perrit, Phone: (803) 522-7072

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63402	4. Command	5. Area Constr Cost Index
STRATEGIC WEAPONS FACILITY, PACIFIC, BANGOR, WASHINGTON	STRATEGIC SYSTEMS PROJECT OFFICE	1.09

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	13	108	173	0	0	0	0	0	0	294
b. End FY 2004	13	109	175	0	0	0	0	0	0	297

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	147,490
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,750
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	4,500
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	2,130
g.	REMAINING DEFICIENCY.....	22,350
h.	**GRAND TOTAL.....**	**179,220**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
143.47	SECURITY FACILITY UPGRADES	350 M2	2,750	12/96	05/98
	TOTAL		2,750		

9. Future Projects:

a. Included In The Following Program (FY 2000):

421.72	D5 MISSILE SUPPORT FAC	4,500	-	-
	TOTAL	4,500		

b. Major Planned Next Three Years:

152.10	FY01 - AMMUNITION WHARF	940	-	-
932.20	FY02 - UTILS & SITE IMPVS (PH II)	1,190	-	-
	TOTAL	2,130		

c. Real Property Maintenance Backlog ($000): $0

10. Mission Or Major Functions:

Provide support on west coast for the operational TRIDENT system of submarines and long range missiles, including processing capability for assembly and disassembly of both explosive and non-explosive components of the TRIDENT II (D-5) missile.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63402	4. Project Title
STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON	SECURITY FACILITY UPGRADES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0101221N	143.47	P-291	2,750

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SECURITY FACILITY UPGRADES	M2	350	-	2,280
REACTION FORCE FACILITY ADDITION	M2	350	1,903.00	(670)
GUARD TOWERS	LS	-	-	(590)
PERIMETER LIGHTING	LS	-	-	(310)
BALLISTIC BARRIERS	LS	-	-	(330)
PERIMETER VEHICLE BARRIERS	LS	-	-	(190)
SECURITY PATROL VEHICLE ACCESS IMPRS	LS	-	-	(190)
SUPPORTING FACILITIES	-	-	-	190
UTILITIES, PAVING, AND SITE IMPROVEMENT	LS	-	-	(190)
SUBTOTAL	-	-	-	2,470
CONTINGENCY (5.0%)	-	-	-	120
TOTAL CONTRACT COST	-	-	-	2,590
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	160
TOTAL REQUEST	-	-	-	2,750
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story building addition, concrete foundation and floor slab; ballistic hardened exterior concrete walls and roof, fighting positions and perimeter parapet wall; garage addition; air conditioning, fire protection and alarm system, information systems; two 60’ high, reinforced concrete guard towers, spread footings; utilities; perimeter lighting and vehicle barriers; armored protection for exposed electrical distribution system; reinforced concrete walls and graded berms; security patrol vehicle access improvements; paving and site improvements.

11. Requirement: 1,320 M2 Adequate: 970 M2 Substandard: (0) M2.

PROJECT:

Provides security facility upgrades. (Current mission.)

REQUIREMENT:

Adequate and properly-configured Marine Reaction Force facilities to support 78 Marines, 3 Light Armored Vehicles (LAV), and comply with DODINST C5210.41M physical security requirements. DODINST C5210.41M requires: small-arms hardened facilities; assessment capabilities of the entire perimeter of the Limited Area; perimeter lighting to illuminate the entire clear zone; the power distribution system hardened against small arms fire; vehicle barriers to prevent penetration of the perimeter; security forces to meet specified reaction times. This installation will be the only Navy west coast nuclear weapons capable storage site.

CURRENT SITUATION:

The existing facility was designed to support 48 on-duty Marines and two LAVs. Due to increased storage and security requirements, the required complement has increased to 78 on-duty Marines. The existing facility is

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63402

STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON

4. Project Title	7. Project Number
SECURITY FACILITY UPGRADES	P-291

(…continued)

considered unsatisfactory from an operational, health, and safety standpoint. To support the current complement, the Marines must resort to "hot bunking," swapping bunks as the duty and sleep cycle rotates, eat in areas not meant for dining, and wait in line for the laundry equipment. Each Marine is on duty in the Limited Area (LA) for a 96 hour cycle during which one third of the time is spent in the LA performing security functions and the remaining two thirds of time is spent within the security facility also located within the LA. The time within the security facility is spent eating, sleeping, exercising, and on weapons preparation. The laundry facilities consist of one washer and one dryer for 78 Marines. Exercise facilities are located in the back of the existing LAV garage; however, the area must be vacated due to fumes resulting from periodic LAV operational readiness testing. Weapons preparation is accomplished in the small dining area due to space limitations. To alleviate the bunking conditions, some Marines have been moved into a missile magazine. However, these Marines must return to the security force facility for other personnel support functions. Additionally, numerous security deficiencies have been sited, such as areas of the limited area (LA) that are not visible from any of the four existing towers; perimeter lighting which does not illuminate the entire clear zone; no vehicle barriers on one side of the Limited Area perimeter, exposing this area to vehicle attack; and much of the power distribution system, including transformers and batteries located above ground and on the exterior of buildings, making it vulnerable to small arms fire. These deficiencies create unnecessary security risks.

IMPACT IF NOT PROVIDED:

Without this project, the security deficiencies will continue to exist, and personnel will continue to operate in cramped quarters, reducing their quality of life while on duty

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	12/96
(B) Date Design 35% Complete	03/97
(C) Date Design Complete	05/98
(D) Percent Complete As Of September 1997	45%
(E) Percent Complete As Of January 1998	60%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(170)
(B) All Other Design Costs	(90)
(C) Total	260
(D) Contract	(230)
(E) In-House	(30)

Installation POC: Capt Glenn A. Cutler, Phone: (360) 396-4640

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N63402

STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON

4. Project Title	7. Project Number
SECURITY FACILITY UPGRADES	P-291

(…continued)

(4) Construction Start..... 11/98

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

Installation POC: Capt Glenn A. Cutler, Phone: (360) 396-4640

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N66691	4. Command	5. Area Constr Cost Index
NAVAL SUPPORT ACTIVITY, SOUDA BAY, CRETE, GREECE	COMMANDER IN CHIEF, U.S. NAVAL FORCES EUROPE	0.83

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	25	311	70	0	0	0	38	214	0	658
b. End FY 2004	24	273	82	0	0	0	40	212	0	631

7. INVENTORY DATA

a.	TOTAL ACREAGE (101)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	40,440
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	5,260
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	6,300
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	10,500
h.	**GRAND TOTAL.....**	**62,500**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.12	BEQ	2,640 m2	5,260	01/96	05/98
	TOTAL		5,260		

9. Future Projects:

a. Included In The Following Program (FY 2000):

141.40	BASE OPERATIONS FACILITIES	6,300	-	-
	TOTAL	6,300		

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $1,919

10. Mission Or Major Functions:

Support reconnaissance and maritime patrol operations for the U.S. Navy.
Support reconnaissance operations for the U.S. Air Force.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N66691	4. Project Title
NAVAL SUPPORT ACTIVITY, SOUDA BAY, CRETE	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204696N	721.12	P-726	5,260

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS	m2	2,640	-	3,580
BUILDING	m2	2,640	1,277.00	(3,370)
EMERGENCY GENERATOR	LS	-	-	(150)
INFORMATION SYSTEMS	LS	-	-	(10)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	1,120
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(400)
UTILITIES	LS	-	-	(170)
TEMPORARY TRAILERS	LS	-	-	(50)
PAVING AND SITE IMPROVEMENT	LS	-	-	(270)
DEMOLITION AND RELOCATION	LS	-	-	(230)
SUBTOTAL	-	-	-	4,700
CONTINGENCY (5.0%)	-	-	-	240
TOTAL CONTRACT COST	-	-	-	4,940
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	320
TOTAL REQUEST	-	-	-	5,260
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Two-story building, concrete frame, masonry walls, spread footing, concrete foundation and floor slabs; 40 modules with two private sleeping/living rooms, two walk-in closets, kitchenettes, service area, adjoining full semi-private bath, sound attenuation; laundry, vending, multi-purpose lounge/training/game/recreational rooms, housekeeping and storage; elevators, mechanical and utility rooms, fire detection, alarms, and automatic sprinkler system, air conditioning, information systems, emergency generators, temporary trailers, relocation of transportation maintenance functions/ equipments, technical operating manuals, utilities, paving, and site improvements. Demolition of one building. Intended Grade Mix: 40 E5-E6. Total: 40. Maximum Utilization by 80 E1-E4.

11. Requirement: 240 PN Adequate: 64 PN Substandard: (0) PN.

PROJECT:

Constructs a bachelor enlisted quarters in compliance with Department of Defense "1+1" criteria for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to accommodate the increase of personnel assigned to this activity because of increased mission requirements.

CURRENT SITUATION:

Existing facilities are inadequate because of age and do not meet current safety, health, and design criteria. The personnel increase at Souda Bay is due to the relocation of the reconnaissance mission from Athens to Souda

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N66691

NAVAL SUPPORT ACTIVITY, SOUDA BAY, CRETE

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	P-726

(…continued)

Bay. Permanent party enlisted personnel increased from approximately 300 pre-1991 to 540. Most personnel are housed on the economy with a total of approximately 106 enlisted personnel berthed on base and the others bused to and from leased facilities to the workplace.

IMPACT IF NOT PROVIDED:

Without this project, personnel will continue to live in inadequate quarters which cannot accommodate the increase in personnel. Personnel will continue to be exposed to threat conditions while living on the economy as well as transiting to and from the base. In addition, increased maintenance and repair costs to keep structures in usable condition will continue, as well as continued expenditures of temporary living allowances and overseas housing allowance costs.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
- (A) Date Design Started..... 01/96
- (B) Date Design 35% Complete..... 04/96
- (C) Date Design Complete..... 05/98
- (D) Percent Complete As Of September 1997..... 40%
- (E) Percent Complete As Of January 1998..... 60%

(2) Basis:
- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: SOUDA BAY

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... (240)
- (B) All Other Design Costs..... (120)
- (C) Total..... 360
- (D) Contract..... (320)
- (E) In-House..... (40)

(4) Construction Start..... 11/98

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

C. Real Property Maintenance (past two years) ($000): 5,252

D. Future requirements for unaccompanied housing at this installation: 62 PN

Installation POC: LCdr David Weil, Phone: 011-30-821-63860X219

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N61755	4. Command	5. Area Constr Cost Index
NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS	COMMANDER IN CHIEF PACIFIC FLEET	2.01

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	428	3,366	2,145	0	0	0	70	829	0	6,838
b. End FY 2004	408	2,823	1,810	0	0	0	69	800	0	5,910

7. INVENTORY DATA

a.	TOTAL ACREAGE (14,329)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	244,000
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	10,310
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	2,400
g.	REMAINING DEFICIENCY.....	130,300
h.	**GRAND TOTAL.....**	**387,010**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
159.64	WATERFRONT CONSOL FACS	0 LS	4,810	11/96	06/98
143.25	SPECIAL WARFARE UNIT FAC	3,066 m2	5,500	05/97	12/97
	TOTAL		10,310		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

721.11	FY02 - BEQ MODERNIZATION		2,400	-	-
	TOTAL		2,400		

c. Real Property Maintenance Backlog ($000): $73,836

10. Mission Or Major Functions:

Provide shoreside logistics and maintenance support to Pacific Fleet and other U.S. and allied shipping. Homeport for submarine tender support submarines operating in the western Pacific and for MSC ships.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N61755	4. Project Title
NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS	SPECIAL WARFARE UNIT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204796N	143.25	P-415	5,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SPECIAL WARFARE UNIT FACILITY	m2	3,066	1,367.00	4,190
SUPPORTING FACILITIES	-	-	-	720
UTILITIES, PAVING, AND SITE IMPROVEMENT	LS	-	-	(720)
SUBTOTAL	-	-	-	4,910
CONTINGENCY (5.0%)	-	-	-	250
TOTAL CONTRACT COST	-	-	-	5,160
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	340
TOTAL REQUEST	-	-	-	5,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Renovates an existing reinforced concrete warehouse building; air conditioning; administration offices, fire protection system for entire building and alarm systems for the renovated spaces; water, sewer, electrical and telephone utility connections and upgrades, installation of concrete curbs, repair of existing paved parking areas, paving and site improvements.

11. Requirement: 3,066 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Renovates an existing building to accommodate various functions of the Naval Special Warfare Unit One (NSWU-1). (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to house NSWU-1 being relocated from the "Victor" wharf area in compliance with Navy's plan to eliminate unneeded infrastructure.

CURRENT SITUATION:

Implementation of the Navy infrastructure consolidation plan for Guam requires relocation of NSWU-1 to "Sierra" Wharf. Functions to be relocated include the headquarters administration, operational storage, platoon storage, dive change/locker/shop, supply and tools facilities.

IMPACT IF NOT PROVIDED:

Navy's plan to consolidate footprint on Guam will not be achieved

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(Continued On DD 1391C…)

(…continued)

(A) Date Design Started..... 05/97
(B) Date Design 35% Complete..... 07/97
(C) Date Design Complete..... 12/97
(D) Percent Complete As Of September 1997..... 90%
(E) Percent Complete As Of January 1998..... 100%

(2) Basis:
(A) Standard or Definitive Design: N0
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... (303)
(B) All Other Design Costs..... (201)
(C) Total..... 504
(D) Contract..... (448)
(E) In-House..... (56)

(4) Construction Start..... 11/98

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

Installation POC: J.F. Laygo, Phone: 011-671-339-4365

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N61755	4. Project Title
NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS	WATERFRONT CONSOLIDATION FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204796N	159.64	P-412	4,810

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WATERFRONT CONSOLIDATION FACILITIES	LS	-	-	3,720
PASS AND IDENTIFICATION OFFICE	M2	50	3,600.00	(180)
SENTRY BOOTHS	M2	24	5,417.00	(130)
SECURITY FENCE AND GATE	M	5,152	103.00	(530)
BUILDING RENOVATIONS	M2	1,410	640.00	(900)
WATERFRONT OPERATIONS	M2	3,122	436.00	(1,360)
BILGE OIL WASTE SYSTEM	LS	-	-	(560)
INFORMATION SYSTEMS	LS	-	-	(60)
SUPPORTING FACILITIES	-	-	-	580
UTILITIES	LS	-	-	(360)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(220)
SUBTOTAL	-	-	-	4,300
CONTINGENCY (5.0%)	-	-	-	220
TOTAL CONTRACT COST	-	-	-	4,520
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	290
TOTAL REQUEST	-	-	-	4,810
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Reinforced concrete and concrete masonry building for pass and identification office; toilets, air conditioning; fire alarm system, and four concrete reinforced sentry booths. Bilge oily waste treatment system (BOWTS) facility, reinforced concrete slab and berm and above-ground equalization tank with 189,000 liter capacity, sludge tank, slop tanks with 19,000 liter capacity each, chemical tanks, oil-water separator, compressed air system, and electrical utilities; technical operating manuals. Alters and renovates Building 3190 to create new offices; quarterdeck reception area, a command center-briefing room with wall-mounted wide screens, built-in work stations with telephone and computer connections, and a secure communications room; standardize all interior doors; install new furring with trim on existing walls to conceal exposed electrical conduits and outlets; replace suspended ceiling system; enclose existing, exposed, wall-mounted electrical panels, disconnect switches, and circuit breaker boxes; relocate exposed wall-mounted low voltage electrical transformers from the hallways to the electrical/mechanical room; repaint interior; upgrade and modify existing air conditioning system; install fire sprinkler system and upgrade existing fire alarm system for the building to support new interior building arrangement; upgrade exterior building finishes and appearance. Alters and renovates Building 3169 to a facility for Port Operations, Port Control and Ship Movement Office; renovate second floor offices and rest rooms; upgrade air conditioning system; construct lunch locker, shower and laundry rooms; expand existing first floor restrooms; construct secure space for the Ship Movement Office; replace existing fire alarm system and provide a new fire alarm transmitter; alter existing fire sprinkler system; enclose outside emergency generator; construct roof-top port control platform and antenna mountings. Mechanical and electrical utilities, water, sewer; information systems, paving, and site improvements.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N61755

NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS

4. Project Title	7. Project Number
WATERFRONT CONSOLIDATION FACILITIES	P-412

(…continued)

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Constructs waterfront consolidation facilities. (Current mission.)

REQUIREMENT:

In order to maintain Naval presence and support to the Fleet on Guam, while faced with budget driven down-sizing of several Naval activities over the past years, the Navy has developed a Guam long-range plan. This plan identifies several Navy-owned inland and waterfront areas which are excess to the Navy's needs and are currently being screened for conveyance to the Government of Guam (GOVGUAM). These include Victor and Uniform Wharves and adjacent lands and facilities, and the off-base Nimitz Hill, Commander, Naval Forces Marianas (COMNAVMARIANAS) Headquarters and surrounding lands. Facilities are required to relocate Port Operations, Port Control, and Ship Movement Office, and the BOWTS facility off Victor Wharf, to provide physical security for the remaining on-base, Navy-controlled areas and to establish a consolidated on-base COMNAVMARIANAS/NAVACTS Headquarters building allowing the off-base headquarters and office buildings and adjacent lands to be excessed. Adequate facilities are also required to accommodate the consolidated COMNAVMARIANAS Headquarters (combined COMNAVMARIANAS and NAVACTS organization) and spaces for the Port Operations, Port Control and Ship Movement Offices. A BOWTS facility is required to support port operations and provide for the proper disposal of shipboard bilge oily waste as required by the Clean Water Act.

CURRENT SITUATION:

The existing pass and identification building, sentry booths, security fencing, port operations facility, and BOWTS are located on or adjacent to Victor Wharf. COMNAVMARIANAS is located on Nimitz Hill. All these areas have been identified as excess to the Navy's needs and are being screened for GOVGUAM or other Federal use.

IMPACT IF NOT PROVIDED:

Consolidation and elimination of excess facilities and lands is necessary to achieve cost savings which can be realized by reducing infrastructure. Existing facilities will not be utilized efficiently. Retaining existing facilities within proposed commercial areas will hamper Naval operations, as well as restrict economic development of these areas. Without the security fencing, pass and identification building, and sentry booths, unauthorized access to Navy property cannot be controlled. Without a replacement for BOWTS, the Navy will be unable to properly support port operations in Guam.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

Installation POC: J.F. Laygo, Phone: 011-671-339-4365

(…continued)

(A) Date Design Started..... 11/96
(B) Date Design 35% Complete..... 09/97
(C) Date Design Complete..... 06/98
(D) Percent Complete As Of September 1997..... 35%
(E) Percent Complete As Of January 1998..... 50%

(2) Basis:
(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... (290)
(B) All Other Design Costs..... (150)
(C) Total..... 440
(D) Contract..... (390)
(E) In-House..... (50)

(4) Construction Start..... 11/98

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

Installation POC: J.F. Laygo, Phone: 011-671-339-4365

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62588	4. Command	5. Area Constr Cost Index
NAVAL SUPPORT ACTIVITY, NAPLES, ITALY	COMMANDER IN CHIEF, U.S. NAVAL FORCES EUROPE	1.28

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	598	2,294	1,754	0	0	0	6	113	0	4,765
b. End FY 2004	627	2,492	1,878	0	0	0	4	103	0	5,104

7. INVENTORY DATA

a.	TOTAL ACREAGE (173)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	107,250
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	18,270
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	21,400
g.	REMAINING DEFICIENCY.....	40,880
h.	**GRAND TOTAL.....**	**187,800**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
219.10	NII PUBLIC WORKS FACS	6,612 m2	18,270	10/96	04/98
	TOTAL		18,270		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

211.05	FY02 - MAINTENANCE HANGAR	9,400	-	-
610.10	FY01 - ADMINISTRATIVE FACILITIES	12,000	-	-
	TOTAL	21,400		

c. Real Property Maintenance Backlog ($000): $6,300

10. Mission Or Major Functions:

Support all Naval commands and organizations ashore in the Naples area, using mainly leased facilities in Agnano, Pinetemare and Bagnoli; and the military controlled compound at Capodichino Airport. Commands include Sixth Fleet task force commanders and staffs for: 1) combat support force (CTF-63), 2) ballistic missile submarine force (CTF-64), 3) area anti-submarine warfare force (CTF-66), 4) maritime surveillance and reconnaissance force (CTF-67), and 5) attack submarine force (CTF-69). Also supported is the Commander, Fleet Air Mediterranean staff, responsible for management of all Navy shore bases in the Mediterranean. U.S. personnel assigned to the Allied Forces, Southern Europe (AFSOUTH) NATO command in Naples are also a responsibility. Communications Station, Naval Hospital, fleet landing on Naples waterfront, leased family housing at Pinetemare and Sixth Fleet flagship at Gaeta are also supported.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62588	4. Project Title
NAVAL SUPPORT ACTIVITY, NAPLES, ITALY	NII PUBLIC WORKS FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204796N	219.10	P-172	18,270

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
NII PUBLIC WORKS FACILITIES	m2	6,612	-	13,870
PUBLIC WORKS SHOP	m2	4,514	1,279.00	(5,770)
PUBLIC WORKS OPERATIONS	m2	1,083	1,706.00	(1,850)
VEHICLE MAINTENENCE SHOP	m2	1,015	1,792.00	(1,820)
PASS AND IDENTIFICATION SECURITY FACS	LS	-	-	(850)
BUILDING MODIFICATIONS	LS	-	-	(880)
OFF BASE ACCESS IMPROVEMENTS	LS	-	-	(2,070)
INFORMATION SYSTEMS	LS	-	-	(480)
TECHNICAL OPERATING MANUALS	LS	-	-	(150)
SUPPORTING FACILITIES	-	-	-	2,470
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,000)
ELECTRICAL UTILITIES	LS	-	-	(180)
MECHANICAL UTILITIES	LS	-	-	(270)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(640)
DEMOLITION	LS	-	-	(380)
SUBTOTAL	-	-	-	16,340
CONTINGENCY (5.0%)	-	-	-	820
TOTAL CONTRACT COST	-	-	-	17,160
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	1,110
TOTAL REQUEST	-	-	-	18,270
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Two-story, concrete-frame building with basement, masonry walls, concrete foundations and floors, built-up roof on insulated metal deck and steel truss; provides public works shop space, motor vehicle maintenence shop, administrative space, storage and organizational vehicle parking space, rehabilitation of one building for hazardous material handling, motor pool space, fire protection system, fiber optics information systems, technical operating manuals, compressed air system, utilities; main road access improvements, pass and identification security facilities, temporary space for public works functions, off-base access improvements; designed to Seismic Zone 3; and demolition of four buildings.

11. Requirement: 6,612 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Constructs a public works shop and a hazardous materials handling facility to replace leased facilities in Agnano. (Current mission.)

REQUIREMENT:

Adequate public works and hazardous materials handling facilities which meet current standards and consolidate various public works functions in the Naples area in order to maintain a high-level of mission readiness, efficient operations, and support the Sixth Fleet in the Mediterranean. Hazardous material handling facilities which meet the current final

(Continued On DD 1391C…)

(…continued)

governing standard for Italy are required. This facility is a critical element of the on-going Congressionally approved Naples Improvement Initiative (NII), and is required to move Navy personnel out of seismically inadequate structures located in the Agnano crater.

CURRENT SITUATION:

Existing facilities at Agnano are leased, unsafe, undersized, and inadequately configured for the mission they support. Past seismic activity has structurally weakened these facilities, and they have been determined to be subject to catastrophic failure if a severe seismic event occurs. The Congress approved NII is relocating all operational functions from Agnano to Capodichino, which will separate public works functions from the people they support. Existing facilities at Agnano are vulnerable to terrorist activity. The small public works facility at Capodichino was sized to support only a small number of buildings prior to NII. The major construction underway at Capodichino will require efficient public works operation, collocated with the customers they support.

IMPACT IF NOT PROVIDED:

Navy will not be able to move all the personnel out of the Agnano crater to comply with the agreement. Without this project, increased maintenance and repair costs will be incurred to keep structures in usable condition. Fragmented operations of public works increases operating costs as functions are relocated to Capodichino under NII. Risk of catastrophic failure from a seimic event, vulnerability to terrorist activity, and lower productivity due to inadequate facilities.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started	10/96
(B) Date Design 35% Complete	07/97
(C) Date Design Complete	04/98
(D) Percent Complete As Of September 1997	35%
(E) Percent Complete As Of January 1998	95%

(2) Basis:

(A) Standard or Definitive Design: NO

(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications	(950)
(B) All Other Design Costs	(785)
(C) Total	1,735
(D) Contract	(1,390)
(E) In-House	(345)

(4) Construction Start 12/98

Installation POC: Cdr James McConnell, Phone: 011-39-81-724-4370

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: N62588

NAVAL SUPPORT ACTIVITY, NAPLES, ITALY

4. Project Title	7. Project Number
NII PUBLIC WORKS FACILITIES	P-172

(…continued)

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

Installation POC: Cdr James McConnell, Phone: 011-39-81-724-4370

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: NL9282	4. Command	5. Area Constr Cost Index
JOINT MARITIME COMMUNICATIONS CENTER, ST MAWGAN, UNITED KINGDOM	COMMANDER IN CHIEF, ATLANTIC FLEET	1.33

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 09/30/97	34	270	0	0	0	0	5	43	0	352
b. End FY 2004	39	404	0	0	0	0	8	61	0	512

7. INVENTORY DATA

a.	TOTAL ACREAGE (0)	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....	0
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,010
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	1,040
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0
g.	REMAINING DEFICIENCY.....	10,100
h.	**GRAND TOTAL.....**	**13,150**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
740.88	EDUCATION CENTER ADDITION	827 m2	2,010	05/97	09/98
	TOTAL		2,010		

9. Future Projects:

a. Included In The Following Program (FY 2000):

750.20	PLAYING FIELDS		1,040	-	-
	TOTAL		1,040		

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog ($000): $402

10. Mission Or Major Functions:

North Atlantic forward operating base. Joint United States/United Kingdom maritime communications center.

11. Outstanding Pollution And Safety Deficiencies ($000):

a. Pollution Abatement (*): $0

b. Occupational Safety And Health (OSH) (#): $0

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: NL9282	4. Project Title
JOINT MARITIME COMMUNICATIONS CENTER, ST. MAWGAN, UNITED KINGDOM	EDUCATION CENTER ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0204311N	740.88	P-113	2,010

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
EDUCATION CENTER	m2	827	1,670.00	1,380
SUPPORTING FACILITIES	-	-	-	420
UTILITIES	LS	-	-	(110)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(310)
SUBTOTAL	-	-	-	1,800
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,890
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,010
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story, steel-frame concrete and masonry building addition with concrete slab on grade, block walls with brick veneer, sloped insulated cement tile roof, fire protection system, utilities, site improvements, area lighting, and paving.

11. Requirement: 827 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Constructs an addition to the existing Royal Air Force (RAF) library/education center. (New mission.)

REQUIREMENT:

Adequate facility to support a new Navy mission as a participant in the Joint Maritime Facility that became operational in 1995, with 352 Naval personnel and 472 family members at RAF Station, St. Mawgan. In accordance with the Memorandum Of Understanding (MOU), the U.S. is responsible for the provision of personnel support facilities.

CURRENT SITUATION:

The existing RAF library/education center is inadequate to support the influx of US Navy personnel. With JMCC St. Mawgan being a remote overseas activity, personnel rely solely on the off-duty education services office for their continuing education pursuits. Adequate classroom space is not available, and therefore the number of classes offered is limited. The existing RAF library is too small to carry the volume of books needed to serve both American and British personnel.

IMPACT IF NOT PROVIDED:

This activity is a remote overseas location. There are no educational services available in the surrounding community for the US Navy personnel and family members to pursue continuing education. If this facility is not provided the professional development and quality of life of the Navy personnel will be adversely impacted.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/6/98

3. Installation and Location/UIC: NL9282
JOINT MARITIME COMMUNICATIONS CENTER, ST. MAWGAN, UNITED KINGDOM

4. Project Title	7. Project Number
EDUCATION CENTER ADDITION	P-113

(…continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 05/97
(B) Date Design 35% Complete..... 09/97
(C) Date Design Complete..... 09/98
(D) Percent Complete As Of September 1997..... 35%
(E) Percent Complete As Of January 1998..... 45%

(2) Basis:
(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... (120)
(B) All Other Design Costs..... (60)
(C) Total..... 180
(D) Contract..... (160)
(E) In-House..... (20)

(4) Construction Start..... 12/98

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

Installation POC: Lt Diana Stone, Phone: 011-441-637-872-201X7531

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		02/06/98

3. Installation and Location/UIC:	4. Project Title
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0901211N	020.00	Various	8,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS	-	-	8,900
TOTAL REQUEST	-	-	-	8,900

10. Description of Proposed Construction

Projects authorized by Title 10 USC 2805 not otherwise authorized by law (except family housing) having an approved cost of $1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Total request includes funds for supervision, inspection, and overhead.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of $1,500,000 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.

12. Supplemental Data:

NONE.

(Continued On DD 1391C…)

1. Component	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		02/06/98

3. Installation and Location	4. Project Title
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS	A & E SERVICES AND CONSTRUCTION DESIGN

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0901211N	010.00	P-099	58,346

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
A&E SERVICES AND CONSTRUCTION DESIGN	LS	-	-	58,346
TOTAL REQUEST	-	-	-	58,346

10. Description of Proposed Construction

Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

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.

12. Supplemental Data:

NONE.

(Continued On DD 1391C…)