DEPARTMENT OF THE NAVY

FY 2004

BUDGET ESTIMATES

MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAMS

JUSTIFICATION DATA
Submitted to Congress
February 2003

Department of the Navy
FY 2004 Military Construction and Family Housing Program
Summary of Locations

State/Country	Auth. Request	Appr. Request
Inside The United States	**($000)**	**($000)**
ARIZONA	22,230	22,230
CALIFORNIA	355,285	322,595
DIST OF COLUMBIA	1,550	1,550
FLORIDA	22,017	22,017
GEORGIA	127,221	127,221
HAWAII	45,510	45,510
ILLINOIS	137,120	78,930
MARYLAND	39,220	39,220
MISSISSIPPI	4,570	4,570
NEW JERSEY	144,401	47,421
NORTH CAROLINA	147,024	147,024
RHODE ISLAND	27,030	27,030
VIRGINIA	230,010	158,570
WASHINGTON	42,590	42,590
Subtotal	**1,345,778**	**1,086,478**
Outside The United States		
ITALY	73,090	73,090
SOUTH WEST ASIA	18,030	18,030
UNITED KINGDOM	7,070	7,070
Subtotal	**98,190**	**98,190**
Various Locations		
Various Locations	56,360	27,610
Various Locations	73,993	73,993
Various Locations	32,780	32,780
Subtotal	**163,133**	**134,383**
Total - FY 2004 Military Construction & Family Housing Program	**1,607,101**	**1,319,051**
Less Family Housing	**186,193**	**186,193**
Total - FY 2004 Military Construction Program	**1,420,908**	**1,132,858**

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FY 2004 Military Construction and Family Housing Program
Index Of Locations For Navy and Marines

State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
		Inside The United States				
ARIZONA						
		MARINE CORPS AIR STATION				
		YUMA, ARIZONA				
	442	AIRCRAFT MAINTENANCE HANGAR	14,250	14,250	2	25
	484	STATION ORDNANCE AREA, PHASE II	7,980	7,980	35	29
		Subtotal	22,230	22,230		
		Total - ARIZONA	**22,230**	**22,230**		
CALIFORNIA						
		MARINE CORPS BASE				
		CAMP PENDLETON, CALIFORNIA				
	002	TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	50,650	24,960	35	35
	098B	BACHELOR ENLISTED QUARTERS, SAN MATEO	22,930	22,930	2	41
		Subtotal	73,580	47,890		
		NAVAL AIR WARFARE CENTER WEAPONS DIV				
		CHINA LAKE, CALIFORNIA				
	521	AIRFIELD PAVEMENTS UPGRADE	12,890	12,890	2	47
		Subtotal	12,890	12,890		
		NAVAL AIR STATION				
		LEMOORE, CALIFORNIA				
	217	INTEGRATED MAINTENANCE HANGAR	24,610	24,610	2	53
	271	OPERATIONAL TRAINER FACILITY	9,900	9,900	2	59
	H671	REPLACE 187 HOMES AT LEXINGTON PARK	41,585	41,585	N/A	
		Subtotal	76,095	76,095		
		MARINE CORPS AIR STATION				
		MIRAMAR, CALIFORNIA				
	095	AIRCRAFT FIRE AND RESCUE STATION	4,740	4,740	2	65
		Subtotal	4,740	4,740		
		NAVAL POSTGRADUATE SCHOOL				
		MONTEREY, CALIFORNIA				
	198	BACHELOR OFFICER QUARTERS	35,550	35,550	2	71
		Subtotal	35,550	35,550		
		NAVAL AIR FACILITY				
		SAN CLEMENTE ISLAND, CALIFORNIA				
	493	OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA	18,940	18,940	35	79
		Subtotal	18,940	18,940		
		NAVAL STATION SAN DIEGO				
		SAN DIEGO, CALIFORNIA				
	501	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE	49,710	42,710	2	87
		Subtotal	49,710	42,710		

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State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
		NAVAL AIR STATION NORTH ISLAND				
		SAN DIEGO, CALIFORNIA				
	748	TAXIWAY AND AIR TRAFFIC CONTROL TOWER	13,650	13,650	2	93
	751	SQUADRON OPERATIONS FACILITY	35,590	35,590	2	97
		Subtotal	49,240	49,240		
		NAVAL AIR WEAPONS STATION				
		SAN NICOLAS ISLAND, CALIFORNIA				
	268	TRANSIENT QUARTERS	6,150	6,150	2	105
		Subtotal	6,150	6,150		
		MARINE AIR GROUND TASK FORCE TRNG CEN				
		TWENTYNINE PALMS, CALIFORNIA				
	426	EXPLOSIVE ORDNANCE OPERATIONS CENTER	2,290	2,290	2	111
	605	BACHELOR ENLISTED QUARTERS	26,100	26,100	2	115
		Subtotal	28,390	28,390		
		Total - CALIFORNIA	**355,285**	**322,595**		
DIST OF COLUMBIA						
		MARINE BARRACKS, 8TH & I				
		WASHINGTON, D.C.				
	901	MOTOR TRANSPORT FACILITY ADDITION	1,550	1,550	2	121
		Subtotal	1,550	1,550		
		Total - DIST OF COLUMBIA	**1,550**	**1,550**		
FLORIDA						
		NAVAL AIR STATION				
		JACKSONVILLE, FLORIDA				
	268	AIRFIELD SECURITY ENHANCEMENTS	3,190	3,190	2	127
		Subtotal	3,190	3,190		
		NAVSURFWARCEN COASTAL SYSTEMS STATION				
		PANAMA CITY, FLORIDA				
	376	LITTORAL WARFARE RESEARCH COMPLEX	9,550	9,550	2	133
		Subtotal	9,550	9,550		
		NAVAL AIR STATION				
		PENSACOLA, FLORIDA				
	H661	REPLACE 25 HOMES AT ANDREW JACKSON COURT	4,447	4,447	N/A	
		Subtotal	4,447	4,447		
		NAVAL AIR STATION				
		WHITING FIELD, FLORIDA				
	243	CLEAR ZONE LAND ACQUISITION (OLF BARIN)	4,830	4,830	0	141
		Subtotal	4,830	4,830		
		Total - FLORIDA	**22,017**	**22,017**		

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State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
GEORGIA						
		MARINE CORPS LOGISTICS BASE				
		ALBANY, GEORGIA				
	001	LAND ACQUISITION (BLOUNT ISLAND)	115,711	115,711	0	147
		Subtotal	115,711	115,711		
		STRATEGIC WEAPONS FACILITY ATLANTIC				
		KINGS BAY, GEORGIA				
	588	RIFLE RANGE	8,170	8,170	2	155
	589	WATERFRONT SECURITY FORCE FACILITY ADDITION	3,340	3,340	2	159
		Subtotal	11,510	11,510		
		Total - GEORGIA	**127,221**	**127,221**		
HAWAII						
		NAVAL MAGAZINES				
		LUALUALEI, HAWAII				
	172	ORDNANCE HOLDING AREA	6,320	6,320	35	165
		Subtotal	6,320	6,320		
		PEARL HARBOR NAVAL SHIPYARD				
		PEARL HARBOR, HAWAII				
	905	PERIMETER SECURITY LIGHTING	7,010	7,010	35	171
		Subtotal	7,010	7,010		
		FLEET INDUSTRIAL SUPPLY CENTER				
		PEARL HARBOR, HAWAII				
	193	WATERFRONT IMPROVEMENTS	32,180	32,180	35	177
		Subtotal	32,180	32,180		
		Total - HAWAII	**45,510**	**45,510**		
ILLINOIS						
		NAVAL TRAINING CENTER				
		GREAT LAKES, ILLINOIS				
	736	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	31,600	31,600	2	185
	737	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	34,130	34,130	2	191
	745	BATTLE STATIONS (INCREMENT I)	71,390	13,200	2	197
		Subtotal	137,120	78,930		
		Total - ILLINOIS	**137,120**	**78,930**		
MARYLAND						
		NAVAL SURFACE WARFARE CENTER DIVISION				
		INDIAN HEAD, MARYLAND				
	160	WATER SYSTEM IMPROVEMENTS	14,850	14,850	2	205
		Subtotal	14,850	14,850		
		NAVAL AIR TEST CENTER				
		PATUXENT RIVER, MARYLAND				
	129	JOINT STRIKE FIGHTER (JSF) TEST & SUPPORT FACILITIES	24,370	24,370	0	213
		Subtotal	24,370	24,370		
		Total - MARYLAND	**39,220**	**39,220**		

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State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
MISSISSIPPI						
		NAVAL AIR STATION				
		MERIDIAN, MISSISSIPPI				
	295	FIRE AND RESCUE STATION	4,570	4,570	2	219
		Subtotal	4,570	4,570		
		Total - MISSISSIPPI	**4,570**	**4,570**		
NEW JERSEY						
		NAVAL WEAPONS STATION				
		EARLE, NEW JERSEY				
	032	GENERAL PURPOSE BERTHING PIER REPLACEMENT	123,720	26,740	35	225
		Subtotal	123,720	26,740		
		NAVAL AIR WARFARE CENTER AIRCRAFT DIV				
		LAKEHURST, NEW JERSEY				
	252	ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS) FACILITY	20,681	20,681	2	233
		Subtotal	20,681	20,681		
		Total - NEW JERSEY	**144,401**	**47,421**		
NORTH CAROLINA						
		MARINE CORPS BASE				
		CAMP LEJEUNE, NORTH CAROLINA				
	227	CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGIMENT	10,270	10,270	35	239
	1094	U.S. JOINT MARITIME OPERATIONS AND TRAINING FACILITIES	12,880	12,880	2	243
	1093	U.S. JOINT MARITIME HEADQUARTERS/ARMORY/ACADEMIC INSTRUCTION FACILITIES	6,300	6,300	2	247
	H656	REPLACE 161 HOMES MIDWAY PARK	21,537	21,537	N/A	
	H614	REPLACE 358 HOMES TERAWA TERRACE	46,994	46,994	N/A	
		Subtotal	97,981	97,981		
		MARINE CORPS AIR STATION				
		CHERRY POINT, NORTH CAROLINA				
	H608	REPLACE 339 HOMES SLOCUM VILLAGE	42,803	42,803	N/A	
		Subtotal	42,803	42,803		
		MARINE CORPS AIR STATION NEW RIVER				
		JACKSONVILLE, NORTH CAROLINA				
	647	WATER TREATMENT FACILITY	6,240	6,240	35	253
		Subtotal	6,240	6,240		
		Total - NORTH CAROLINA	**147,024**	**147,024**		
RHODE ISLAND						
		NAVAL STATION NEWPORT				
		NEWPORT RHODE ISLAND				
	454	BACHELOR ENLISTED QUARTERS	16,140	16,140	2	259
		NAVAL ACADEMY PREP SCHOOL (NAPS)				
		Subtotal	16,140	16,140		

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State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
		NAVAL UNDERSEA WARFARE CENTER DIVISION				
		NEWPORT, RHODE ISLAND				
	011	UNDERSEA WEAPON SYSTEM LABORATORY	10,890	10,890	2	265
		Subtotal	10,890	10,890		
		Total - RHODE ISLAND	**27,030**	**27,030**		
VIRGINIA						
		HEADQUARTERS BATTALION HENDERSON HALL				
		ARLINGTON VIRGINIA				
	001A	FITNESS CENTER ADDITION	1,970	1,970	2	273
		Subtotal	1,970	1,970		
		NAVAL SPACE COMMAND				
		DAHLGREN, VIRGINIA				
	292	NAVAL NETWORKS OPERATIONS CENTER ADDITION	20,520	20,520	2	279
		Subtotal	20,520	20,520		
		NAVAL AMPHIBIOUS BASE				
		LITTLE CREEK, VIRGINIA				
	535	GATE 1 IMPROVEMENTS	3,810	3,810	35	287
		Subtotal	3,810	3,810		
		NAVAL STATION				
		NORFOLK, VIRGINIA				
	094	PIER 11 REPLACEMENT (INCREMENT I)	145,780	27,610	35	293
	293A	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (INCREMENT II)	0	46,730	90	301
	526	AIRCRAFT MAINTENANCE HANGAR	36,460	36,460	2	305
		Subtotal	182,240	110,800		
		NORFOLK NAVAL SHIPYARD				
		PORTSMOUTH, VIRGINIA				
	514	CRANE/WEIGHT HANDLING EQUIPMENT SHOP	17,770	17,770	35	313
		Subtotal	17,770	17,770		
		MARINE CORPS COMBAT DEV COMMAND				
		QUANTICO, VIRGINIA				
	549	WEAPONS TRAINING BATTALION LOAD AND TEST FACILITY	3,700	3,700	2	321
		Subtotal	3,700	3,700		
		Total - VIRGINIA	**230,010**	**158,570**		
WASHINGTON						
		NAVAL SUBMARINE BASE				
		BANGOR, WASHINGTON				
	971	WATERFRONT SECURITY FORCE FACILITY	6,530	6,530	2	327
	395	SERVICE PIER UPGRADE AND BUILDING ADDITION	33,820	33,820	10	331
		Subtotal	40,350	40,350		

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		NAVAL MAGAZINES				
		INDIAN ISLAND, WASHINGTON				
	334	ORDNANCE TRANSFER FACILITY	2,240	2,240	2	339
		Subtotal	2,240	2,240		
		Total - WASHINGTON	**42,590**	**42,590**		
		Total - Inside The United States	**1,345,778**	**1,086,478**		
		Outside The United States				
ITALY						
		NAVAL SUPPORT ACTIVITY				
		LA MADDALENA, ITALY				
	995	CONSOLIDATE SANTO STEFANO FACILITIES	39,020	39,020	35	345
		Subtotal	39,020	39,020		
		NAVAL AIR STATION				
		SIGONELLA, ITALY				
	635	BASE OPERATIONS SUPPORT FACILITIES	34,070	34,070	35	353
		Subtotal	34,070	34,070		
		Total - ITALY	**73,090**	**73,090**		
SOUTH WEST ASIA						
		NAVAL SUPPORT ACTIVITY				
		BAHRAIN				
	927	OPERATIONS CONTROL CENTER	18,030	18,030	35	361
		Subtotal	18,030	18,030		
		Total - SOUTH WEST ASIA	**18,030**	**18,030**		
UNITED KINGDOM						
		PERSONNEL SUPPORT DETACHMENT				
		SAINT MAWGAN, UNITED KINGDOM				
	115	BACHELOR ENLISTED QUARTERS	7,070	7,070	35	369
		Subtotal	7,070	7,070		
		Total - UNITED KINGDOM	**7,070**	**7,070**		
		Total - Outside The United States	**98,190**	**98,190**		
		Various Locations				
	689	OUTLYING LANDING FIELD (OLF) FACILITIES, INCREMENT I	56,360	27,610	2	375
	204	PLANNING AND DESIGN	65,612	65,612	0	379
		PLANNING AND DESIGN (Family Housing)	8,381	8,381	N/A	
	204	UNSPECIFIED MINOR CONSTRUCTION	12,334	12,334	0	381
		CONSTRUCTION IMPROVEMENTS (Family Housing)	20,446	20,446	N/A	
		Total - Various Locations	**163,133**	**134,383**		
		Total - FY 2004 Military Construction Program	**1,420,908**	**1,132,858**		
		Total - FY 2004 Military Construction Family Housing Program	**186,193**	**186,193**		
		Grand Total	**1,607,101**	**1,319,051**		

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		Inside The United States				
CALIFORNIA						
		NAVAL AIR WARFARE CENTER WEAPONS DIV				
		CHINA LAKE, CALIFORNIA				
	521	AIRFIELD PAVEMENTS UPGRADE	12,890	12,890	2	47
		Subtotal	12,890	12,890		
		NAVAL AIR STATION				
		LEMOORE, CALIFORNIA				
	217	INTEGRATED MAINTENANCE HANGAR	24,610	24,610	2	53
	271	OPERATIONAL TRAINER FACILITY	9,900	9,900	2	59
	H671	REPLACE 187 HOMES AT LEXINGTON PARK	41,585	41,585	N/A	
		Subtotal	76,095	76,095		
		NAVAL POSTGRADUATE SCHOOL				
		MONTEREY, CALIFORNIA				
	198	BACHELOR OFFICER QUARTERS	35,550	35,550	2	71
		Subtotal	35,550	35,550		
		NAVAL AIR FACILITY				
		SAN CLEMENTE ISLAND, CALIFORNIA				
	493	OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA	18,940	18,940	35	79
		Subtotal	18,940	18,940		
		NAVAL STATION SAN DIEGO				
		SAN DIEGO, CALIFORNIA				
	501	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE	49,710	42,710	2	87
		Subtotal	49,710	42,710		
		NAVAL AIR STATION NORTH ISLAND				
		SAN DIEGO, CALIFORNIA				
	748	TAXIWAY AND AIR TRAFFIC CONTROL TOWER	13,650	13,650	2	93
	751	SQUADRON OPERATIONS FACILITY	35,590	35,590	2	97
		Subtotal	49,240	49,240		
		NAVAL AIR WEAPONS STATION				
		SAN NICOLAS ISLAND, CALIFORNIA				
	268	TRANSIENT QUARTERS	6,150	6,150	2	105
		Subtotal	6,150	6,150		
		Total - CALIFORNIA	**248,575**	**241,575**		
FLORIDA						
		NAVAL AIR STATION				
		JACKSONVILLE, FLORIDA				
	268	AIRFIELD SECURITY ENHANCEMENTS	3,190	3,190	2	127
		Subtotal	3,190	3,190		

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		NAVSURFWARCEN COASTAL SYSTEMS STATION				
		PANAMA CITY, FLORIDA				
	376	LITTORAL WARFARE RESEARCH COMPLEX	9,550	9,550	2	133
		Subtotal	9,550	9,550		
		NAVAL AIR STATION				
		PENSACOLA, FLORIDA				
	H661	REPLACE 25 HOMES AT ANDREW JACKSON COURT	4,447	4,447	N/A	
		Subtotal	4,447	4,447		
		NAVAL AIR STATION				
		WHITING FIELD, FLORIDA				
	243	CLEAR ZONE LAND ACQUISITION (OLF BARIN)	4,830	4,830	0	141
		Subtotal	4,830	4,830		
		Total - FLORIDA	**22,017**	**22,017**		
GEORGIA						
		STRATEGIC WEAPONS FACILITY ATLANTIC				
		KINGS BAY, GEORGIA				
	588	RIFLE RANGE	8,170	8,170	2	155
	589	WATERFRONT SECURITY FORCE FACILITY ADDITION	3,340	3,340	2	159
		Subtotal	11,510	11,510		
		Total - GEORGIA	**11,510**	**11,510**		
HAWAII						
		NAVAL MAGAZINES				
		LUALUALEI, HAWAII				
	172	ORDNANCE HOLDING AREA	6,320	6,320	35	165
		Subtotal	6,320	6,320		
		PEARL HARBOR NAVAL SHIPYARD				
		PEARL HARBOR, HAWAII				
	905	PERIMETER SECURITY LIGHTING	7,010	7,010	35	171
		Subtotal	7,010	7,010		
		FLEET INDUSTRIAL SUPPLY CENTER				
		PEARL HARBOR, HAWAII				
	193	WATERFRONT IMPROVEMENTS	32,180	32,180	35	177
		Subtotal	32,180	32,180		
		Total - HAWAII	**45,510**	**45,510**		
ILLINOIS						
		NAVAL TRAINING CENTER				
		GREAT LAKES, ILLINOIS				
	736	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	31,600	31,600	2	185
	737	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	34,130	34,130	2	191
	745	BATTLE STATIONS (INCREMENT I)	71,390	13,200	2	197
		Subtotal	137,120	78,930		
		Total - ILLINOIS	**137,120**	**78,930**		

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MARYLAND						
		NAVAL SURFACE WARFARE CENTER DIVISION				
		INDIAN HEAD, MARYLAND				
	160	WATER SYSTEM IMPROVEMENTS	14,850	14,850	2	205
		Subtotal	14,850	14,850		
		NAVAL AIR TEST CENTER				
		PATUXENT RIVER, MARYLAND				
	129	JOINT STRIKE FIGHTER (JSF) TEST & SUPPORT FACILITIES	24,370	24,370	0	213
		Subtotal	24,370	24,370		
		Total - MARYLAND	**39,220**	**39,220**		
MISSISSIPPI						
		NAVAL AIR STATION				
		MERIDIAN, MISSISSIPPI				
	295	FIRE AND RESCUE STATION	4,570	4,570	2	219
		Subtotal	4,570	4,570		
		Total - MISSISSIPPI	**4,570**	**4,570**		
NEW JERSEY						
		NAVAL WEAPONS STATION				
		EARLE, NEW JERSEY				
	032	GENERAL PURPOSE BERTHING PIER REPLACEMENT	123,720	26,740	35	225
		Subtotal	123,720	26,740		
		NAVAL AIR WARFARE CENTER AIRCRAFT DIV				
		LAKEHURST, NEW JERSEY				
	252	ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS) FACILITY	20,681	20,681	2	233
		Subtotal	20,681	20,681		
		Total - NEW JERSEY	**144,401**	**47,421**		
RHODE ISLAND						
		NAVAL STATION NEWPORT				
		NEWPORT RHODE ISLAND				
	454	BACHELOR ENLISTED QUARTERS	16,140	16,140	2	259
		NAVAL ACADEMY PREP SCHOOL (NAPS)				
		Subtotal	16,140	16,140		
		NAVAL UNDERSEA WARFARE CENTER DIVISION				
		NEWPORT, RHODE ISLAND				
	011	UNDERSEA WEAPON SYSTEM LABORATORY	10,890	10,890	2	265
		Subtotal	10,890	10,890		
		Total - RHODE ISLAND	**27,030**	**27,030**		

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VIRGINIA						
		NAVAL SPACE COMMAND				
		DAHLGREN, VIRGINIA				
	292	NAVAL NETWORKS OPERATIONS CENTER ADDITION	20,520	20,520	2	279
		Subtotal	20,520	20,520		
		NAVAL AMPHIBIOUS BASE				
		LITTLE CREEK, VIRGINIA				
	535	GATE 1 IMPROVEMENTS	3,810	3,810	35	287
		Subtotal	3,810	3,810		
		NAVAL STATION				
		NORFOLK, VIRGINIA				
	094	PIER 11 REPLACEMENT (INCREMENT I)	145,780	27,610	35	293
	293A	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (INCREMENT II)	0	46,730	90	301
	526	AIRCRAFT MAINTENANCE HANGAR	36,460	36,460	2	305
		Subtotal	182,240	110,800		
		NORFOLK NAVAL SHIPYARD				
		PORTSMOUTH, VIRGINIA				
	514	CRANE/WEIGHT HANDLING EQUIPMENT SHOP	17,770	17,770	35	313
		Subtotal	17,770	17,770		
		Total - VIRGINIA	**224,340**	**152,900**		
WASHINGTON						
		NAVAL SUBMARINE BASE				
		BANGOR, WASHINGTON				
	971	WATERFRONT SECURITY FORCE FACILITY	6,530	6,530	2	327
	395	SERVICE PIER UPGRADE AND BUILDING ADDITION	33,820	33,820	10	331
		Subtotal	40,350	40,350		
		NAVAL MAGAZINES				
		INDIAN ISLAND, WASHINGTON				
	334	ORDNANCE TRANSFER FACILITY	2,240	2,240	2	339
		Subtotal	2,240	2,240		
		Total - WASHINGTON	**42,590**	**42,590**		
		Total - Inside The United States	**946,883**	**713,273**		
		Outside The United States				
ITALY						
		NAVAL SUPPORT ACTIVITY				
		LA MADDALENA, ITALY				
	995	CONSOLIDATE SANTO STEFANO FACILITIES	39,020	39,020	35	345
		Subtotal	39,020	39,020		

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State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
		NAVAL AIR STATION				
		SIGONELLA, ITALY				
	635	BASE OPERATIONS SUPPORT FACILITIES	34,070	34,070	35	353
		Subtotal	34,070	34,070		
		Total - ITALY	**73,090**	**73,090**		
SOUTH WEST ASIA						
		NAVAL SUPPORT ACTIVITY				
		BAHRAIN				
	927	OPERATIONS CONTROL CENTER	18,030	18,030	35	361
		Subtotal	18,030	18,030		
		Total - SOUTH WEST ASIA	**18,030**	**18,030**		
UNITED KINGDOM						
		PERSONNEL SUPPORT DETACHMENT				
		SAINT MAWGAN, UNITED KINGDOM				
	115	BACHELOR ENLISTED QUARTERS	7,070	7,070	35	369
		Subtotal	7,070	7,070		
		Total - UNITED KINGDOM	**7,070**	**7,070**		
		Total - Outside The United States	**98,190**	**98,190**		
		Various Locations				
	689	OUTLYING LANDING FIELD (OLF) FACILITIES, INCREMENT I	56,360	27,610	2	375
	204	PLANNING AND DESIGN	65,612	65,612	0	379
		PLANNING AND DESIGN (Family Housing)	8,381	8,381	N/A	
	204	UNSPECIFIED MINOR CONSTRUCTION	12,334	12,334	0	381
		CONSTRUCTION IMPROVEMENTS (Family Housing)	20,446	20,446	N/A	
		Total - Various Locations	**163,133**	**134,383**		

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State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
		Inside The United States				
ARIZONA						
		MARINE CORPS AIR STATION				
		YUMA, ARIZONA				
	442	AIRCRAFT MAINTENANCE HANGAR	14,250	14,250	2	25
	484	STATION ORDNANCE AREA, PHASE II	7,980	7,980	35	29
		Subtotal	22,230	22,230		
		Total - ARIZONA	**22,230**	**22,230**		
CALIFORNIA						
		MARINE CORPS BASE				
		CAMP PENDLETON, CALIFORNIA				
	002	TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	50,650	24,960	35	35
	098B	BACHELOR ENLISTED QUARTERS, SAN MATEO	22,930	22,930	2	41
		Subtotal	73,580	47,890		
		MARINE CORPS AIR STATION				
		MIRAMAR, CALIFORNIA				
	095	AIRCRAFT FIRE AND RESCUE STATION	4,740	4,740	2	65
		Subtotal	4,740	4,740		
		MARINE AIR GROUND TASK FORCE TRNG CEN				
		TWENTYNINE PALMS, CALIFORNIA				
	426	EXPLOSIVE ORDNANCE OPERATIONS CENTER	2,290	2,290	2	111
	605	BACHELOR ENLISTED QUARTERS	26,100	26,100	2	115
		Subtotal	28,390	28,390		
		Total - CALIFORNIA	**106,710**	**81,020**		
DIST OF COLUMBIA						
		MARINE BARRACKS, 8TH & I				
		WASHINGTON, D.C.				
	901	MOTOR TRANSPORT FACILITY ADDITION	1,550	1,550	2	121
		Subtotal	1,550	1,550		
		Total - DIST OF COLUMBIA	**1,550**	**1,550**		
GEORGIA						
		MARINE CORPS LOGISTICS BASE				
		ALBANY, GEORGIA				
	001	LAND ACQUISITION (BLOUNT ISLAND)	115,711	115,711	0	147
		Subtotal	115,711	115,711		
		Total - GEORGIA	**115,711**	**115,711**		
NORTH CAROLINA						
		MARINE CORPS BASE				
		CAMP LEJEUNE, NORTH CAROLINA				
	227	CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGIMENT	10,270	10,270	35	239
	1094	U.S. JOINT MARITIME OPERATIONS AND TRAINING FACILITIES	12,880	12,880	2	243

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State/Country	Proj No.	Location	Auth Request ($000)	Appr Request ($000)	% Design As Of Jan 03	Page No.
	1093	U.S. JOINT MARITIME HEADQUARTERS/ARMORY/ACADEMIC INSTRUCTION FACILITIES	6,300	6,300	2	247
	H656	REPLACE 161 HOMES MIDWAY PARK	21,537	21,537	N/A	
	H614	REPLACE 358 HOMES TERAWA TERRACE	46,994	46,994	N/A	
		Subtotal	97,981	97,981		
		MARINE CORPS AIR STATION CHERRY POINT, NORTH CAROLINA				
	H608	REPLACE 339 HOMES SLOCUM VILLAGE	42,803	42,803	N/A	
		Subtotal	42,803	42,803		
		MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA				
	647	WATER TREATMENT FACILITY	6,240	6,240	35	253
		Subtotal	6,240	6,240		
		Total - NORTH CAROLINA	**147,024**	**147,024**		
VIRGINIA						
		HEADQUARTERS BATTALION HENDERSON HALL ARLINGTON VIRGINIA				
	001A	FITNESS CENTER ADDITION	1,970	1,970	2	273
		Subtotal	1,970	1,970		
		MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA				
	549	WEAPONS TRAINING BATTALION LOAD AND TEST FACILITY	3,700	3,700	2	321
		Subtotal	3,700	3,700		
		Total - VIRGINIA	**5,670**	**5,670**		
		Total - Inside The United States	**398,895**	**373,205**		

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Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
		Inside The United States		
ARIZONA				
MARINE CORPS AIR STATION YUMA, ARIZONA	442	AIRCRAFT MAINTENANCE HANGAR	14,250	Current
MARINE CORPS AIR STATION YUMA, ARIZONA	484	STATION ORDNANCE AREA, PHASE II	7,980	Current
CALIFORNIA				
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	002	TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	24,960	Current
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA	095	AIRCRAFT FIRE AND RESCUE STATION	4,740	Current
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	098B	BACHELOR ENLISTED QUARTERS, SAN MATEO	22,930	Current
NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA	198	BACHELOR OFFICER QUARTERS	35,550	Current
NAVAL AIR STATION LEMOORE, CALIFORNIA	217	INTEGRATED MAINTENANCE HANGAR	24,610	Current
NAVAL AIR WEAPONS STATION SAN NICOLAS ISLAND, CALIFORNIA	268	TRANSIENT QUARTERS	6,150	Current
NAVAL AIR STATION LEMOORE, CALIFORNIA	271	OPERATIONAL TRAINER FACILITY	9,900	Current
MARINE AIR GROUND TASK FORCE TRNG CEN TWENTYNINE PALMS, CALIFORNIA	426	EXPLOSIVE ORDNANCE OPERATIONS CENTER	2,290	Current
NAVAL AIR FACILITY SAN CLEMENTE ISLAND, CALIFORNIA	493	OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA	18,940	Current
NAVAL STATION SAN DIEGO SAN DIEGO, CALIFORNIA	501	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE	42,710	Current
NAVAL AIR WARFARE CENTER WEAPONS DIV CHINA LAKE, CALIFORNIA	521	AIRFIELD PAVEMENTS UPGRADE	12,890	Current
MARINE AIR GROUND TASK FORCE TRNG CEN TWENTYNINE PALMS, CALIFORNIA	605	BACHELOR ENLISTED QUARTERS	26,100	Current
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA	748	TAXIWAY AND AIR TRAFFIC CONTROL TOWER	13,650	Current
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA	751	SQUADRON OPERATIONS FACILITY	35,590	Current
DIST OF COLUMBIA				
MARINE BARRACKS, 8TH & I WASHINGTON, D.C.	901	MOTOR TRANSPORT FACILITY ADDITION	1,550	Current
FLORIDA				
NAVAL AIR STATION WHITING FIELD, FLORIDA	243	CLEAR ZONE LAND ACQUISITION (OLF BARIN)	4,830	Current
NAVAL AIR STATION	268	AIRFIELD SECURITY ENHANCEMENTS	3,190	Current

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Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
JACKSONVILLE, FLORIDA				
NAVSURFWARCEN COASTAL SYSTEMS STATION PANAMA CITY, FLORIDA	376	LITTORAL WARFARE RESEARCH COMPLEX	9,550	Current
GEORGIA				
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA	001	LAND ACQUISITION (BLOUNT ISLAND)	115,711	Current
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA	588	RIFLE RANGE	8,170	Current
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA	589	WATERFRONT SECURITY FORCE FACILITY ADDITION	3,340	Current
HAWAII				
NAVAL MAGAZINES LUALUALEI, HAWAII	172	ORDNANCE HOLDING AREA	6,320	Current
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII	193	WATERFRONT IMPROVEMENTS	32,180	Current
PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII	905	PERIMETER SECURITY LIGHTING	7,010	Current
ILLINOIS				
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	736	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	31,600	Current
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	737	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	34,130	Current
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	745	BATTLE STATIONS (INCREMENT I)	13,200	Current
MARYLAND				
NAVAL AIR TEST CENTER PATUXENT RIVER, MARYLAND	129	JOINT STRIKE FIGHTER (JSF) TEST & SUPPORT FACILITIES	24,370	New
NAVAL SURFACE WARFARE CENTER DIVISION INDIAN HEAD, MARYLAND	160	WATER SYSTEM IMPROVEMENTS	14,850	Current
MISSISSIPPI				
NAVAL AIR STATION MERIDIAN, MISSISSIPPI	295	FIRE AND RESCUE STATION	4,570	Current
NEW JERSEY				
NAVAL WEAPONS STATION EARLE, NEW JERSEY	032	GENERAL PURPOSE BERTHING PIER REPLACEMENT	26,740	Current
NAVAL AIR WARFARE CENTER AIRCRAFT DIV LAKEHURST, NEW JERSEY	252	ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS) FACILITY	20,681	New

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Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
NORTH CAROLINA				
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	1093	U.S. JOINT MARITIME HEADQUARTERS/ARMORY/ACADEMIC INSTRUCTION FACILITIES	6,300	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	1094	U.S. JOINT MARITIME OPERATIONS AND TRAINING FACILITIES	12,880	Current
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	227	CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGIMENT	10,270	Current
MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA	647	WATER TREATMENT FACILITY	6,240	Current
RHODE ISLAND				
NAVAL UNDERSEA WARFARE CENTER DIVISION NEWPORT, RHODE ISLAND	011	UNDERSEA WEAPON SYSTEM LABORATORY	10,890	Current
NAVAL STATION NEWPORT NEWPORT RHODE ISLAND	454	BACHELOR ENLISTED QUARTERS NAVAL ACADEMY PREP SCHOOL (NAPS)	16,140	Current
VIRGINIA				
HEADQUARTERS BATTALION HENDERSON HALL ARLINGTON VIRGINIA	001A	FITNESS CENTER ADDITION	1,970	Current
NAVAL STATION NORFOLK, VIRGINIA	094	PIER 11 REPLACEMENT (INCREMENT I)	27,610	Current
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA	292	NAVAL NETWORKS OPERATIONS CENTER ADDITION	20,520	Current
NAVAL STATION NORFOLK, VIRGINIA	293A	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (INCREMENT II)	46,730	Current
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	514	CRANE/WEIGHT HANDLING EQUIPMENT SHOP	17,770	Current
NAVAL STATION NORFOLK, VIRGINIA	526	AIRCRAFT MAINTENANCE HANGAR	36,460	Current
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	535	GATE 1 IMPROVEMENTS	3,810	Current
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA	549	WEAPONS TRAINING BATTALION LOAD AND TEST FACILITY	3,700	Current
WASHINGTON				
NAVAL MAGAZINES INDIAN ISLAND, WASHINGTON	334	ORDNANCE TRANSFER FACILITY	2,240	Current
NAVAL SUBMARINE BASE BANGOR, WASHINGTON	395	SERVICE PIER UPGRADE AND BUILDING ADDITION	33,820	New
NAVAL SUBMARINE BASE BANGOR, WASHINGTON	971	WATERFRONT SECURITY FORCE FACILITY	6,530	Current

Department of the Navy
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Mission Status Index

Installation/Location	Proj No.	Project Title	Cost ($000)	Mission Status
		Outside The United States		
ITALY				
NAVAL AIR STATION SIGONELLA, ITALY	635	BASE OPERATIONS SUPPORT FACILITIES	34,070	Current
NAVAL SUPPORT ACTIVITY LA MADDALENA, ITALY	995	CONSOLIDATE SANTO STEFANO FACILITIES	39,020	Current
SOUTH WEST ASIA				
NAVAL SUPPORT ACTIVITY BAHRAIN	927	OPERATIONS CONTROL CENTER	18,030	Current
UNITED KINGDOM				
PERSONNEL SUPPORT DETACHMENT SAINT MAWGAN, UNITED KINGDOM	115	BACHELOR ENLISTED QUARTERS	7,070	Current
		Various Locations		
Various Locations				
VARIOUS LOCATIONS	689	OUTLYING LANDING FIELD (OLF) FACILITIES, INCREMENT I	27,610	New
		Various Locations		
Various Locations				
VARIOUS LOCATIONS	204	PLANNING AND DESIGN	65,612	Current
		Various Locations		
Various Locations				
VARIOUS LOCATIONS	204	UNSPECIFIED MINOR CONSTRUCTION	12,334	Current

Department of the Navy
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Department of the Navy
FY 2004 Military Construction and Family Housing Program
Installation Index

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION YUMA ARIZONA	Commandant of the Marine Corps	1.15

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	48	780	655	0	2	0	337	2,993	714	5,529
b. End FY 2009	45	440	384	150	71	0	421	3,404	878	5,793

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (463.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	255,720.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	49,060.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	22,230.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	32,154.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	7,748.00
g.	REMAINING DEFICIENCY.....	59,410.00
h.	**GRAND TOTAL.....**	**426,322.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
211.05	A/C MAINTENANCE HANGAR (336,458 SF)	31,258 m2	14,250	09/01	03/04
421.22	STATION ORDNANCE AREA (58,104 SF)	5,398 m2	7,980	09/01	09/03

	TOTAL		22,230		

9. Future Projects:

a. Included In The Following Program (FY 2005):

721.24	BACHELOR ENLISTED QUARTERS	500 PN	25,636
421.22	STATION ORDNANCE AREA	0 LS	6,518

	TOTAL		32,154

b. Major Planned Next Three Years:

740.43	PHYSICAL FITNESS CTR ADD	0 LS	3,706
121.10	FIXED WING FUELING APRON	0 LS	4,042

	TOTAL		7,748

c. R&M Unfunded Requirement ($000): $ 23,140

10. Mission Or Major Functions:

To maintain and operate facilities and provide services and material to support operations of a Marine Aircraft Wing and other activities and units as designated by the Commandant of the Marine Corps in connection with the

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION YUMA ARIZONA	Commandant of the Marine Corps	1.15

(...continued)

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 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974	4. Project Title
MARINE CORPS AIR STATION YUMA, ARIZONA	AIRCRAFT MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	211.05	442	14,250

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT MAINTENANCE HANGAR (336,458 SF)	m2	31,258	-	10,830
GENERAL PURPOSE MAINTENANCE HANGAR (17,373 SF)	m2	1,614	1,994	(3,220)
HIGH BAY MAINTENANCE HANGAR (19,967 SF)	m2	1,855	2,562	(4,750)
AIRCRAFT PARKING (275,126 SF)	m2	25,560	78	(1,990)
AIRCRAFT TAXIWAY (23,993 SF)	m2	2,229	100	(220)
BUILT-IN EQUIPMENT	LS	-	-	(300)
INFORMATION SYSTEMS	LS	-	-	(170)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(80)
SUPPORTING FACILITIES	LS	-	-	1,530
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(190)
ELECTRICAL UTILITIES	LS	-	-	(120)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(920)
DEMOLITION	LS	-	-	(200)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(20)
SUBTOTAL	-	-	-	12,360
Contingency (5.0%)	-	-	-	620
TOTAL CONTRACT COST	-	-	-	12,980
Supervision Inspection & Overhead (6.0%)	-	-	-	780
SUBTOTAL	-	-	-	13,760
DESIGN/BUILD - DESIGN COST	LS	-	-	490
TOTAL REQUEST	-	-	-	14,250
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a Concrete Masonry Unit (CMU) building on reinforced concrete slab on grade foundation with structural steel framing, steel roof trusses and pre-finished insulated metal roof. Building will provide a hangar bay, maintenance shop, and administrative and operations offices. Construct a multi-story line maintenance facility of CMU walls on reinforced concrete slab on grade foundation with structural steel framing

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	442

(...continued)

and standing seam metal roof. Construct an aircraft parking apron and aircraft taxiway of reinforced concrete. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes one hydraulic elevator, three 2-ton monorail hoists, two 2-ton hoist booms, and one 4-ton bridge crane. Special construction features include flood control. Electrical systems include telephone, information systems, electrical distribution, and fire alarm. Mechanical systems include heating, ventilation and air conditioning (HVAC), plumbing, and fire protection system. Supporting facilities work includes site and building utility connections (water, telephone, electrical, sanitary and storm sewers, natural gas, and Local Area Network (LAN)). Paving and site improvements include vehicle parking lot and paved roadway, sidewalks, site excavation/rock removal, grading, landscaping and storm water management. Construction includes the removal/relocation of two existing semi-permanent buildings (buildings 92 and 93) and demolition of granite outcropping. Also includes Technical Operating Manuals and Anti-Terrorism/Force Protection features.

11. Requirement: 689,837 m2 Adequate: 658,579 m2 Substandard: 2,935 m2

PROJECT:

This project constructs a new Aircraft Maintenance Hangar, line maintenance facility, aircraft taxiway and parking apron. (Current mission)

REQUIREMENT:

Marine Corps Air Station (MCAS) Yuma requires adequate and properly configured operational and maintenance facilities to accomplish its mission of providing support for homeported and rotationally deployed squadrons. There is a documented need for 11 hangars.

CURRENT SITUATION:

Only one hangar is available for units deployed to MCAS Yuma for training. Often, there are four deployed units aboard the station. In these cases, three of the units must use parking aprons for maintenance and service. Maintenance of aircraft relegated to the parking apron cannot be done during the day since daytime aircraft skin temperatures exceed 140 degrees. Most deployed units must work at night in order to maintain their aircraft.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	442

(...continued)
IMPACT IF NOT PROVIDED:

If this project is not provided, deployed units will continue to be required to perform aircraft maintenance without adequate hangar facilities. The maintenance and servicing of aircraft will be degraded and the downtime of the training units will be increased. Pilots will not achieve the complete training available because aircraft will not be available. Lack of adequate hangar and aircraft parking space will reduce the effectiveness of the Marine Aviation and Tactics Squadron One's semi-annual Weapons Training Instructors course, a large-scale training evolution that trains pilots to become Instructors in aerial combat.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 381
- (B) All Other Design Costs..... 127
- (C) Total..... 508
- (D) Contract..... 127
- (E) In-House..... 381

(4) Contract Award..... 10/03

(5) Construction Start..... 12/03

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	442

(...continued)

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

Mission requirements, operational considerations, and location are generally incompatible with use by other components. This facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.

Activity POC: MR. RICHARD SAMRAH Phone No: (520) 341-2224

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974	4. Project Title
MARINE CORPS AIR STATION YUMA, ARIZONA	STATION ORDNANCE AREA, PHASE II

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	421.22	484	7,980

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
STATION ORDNANCE AREA, PHASE II (58,104 SF)	m2	5,398	-	3,960
HIGH EXPLOSIVE MAGAZINES (15,048 SF)	m2	1,398	2,346	(3,280)
BOMB BUILD-UP AREA (37,674 SF)	m2	3,500	139	(490)
MISSILE BUILD-UP AREA (5,382 SF)	m2	500	161	(80)
SAFE HAVEN AREA	LS	-	-	(10)
INFORMATION SYSTEMS	LS	-	-	(80)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	3,210
ELECTRICAL UTILITIES	LS	-	-	(880)
MECHANICAL UTILITIES	LS	-	-	(890)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(900)
DEMOLITION	LS	-	-	(140)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(400)

SUBTOTAL	-	-	-	7,170
Contingency (5.0%)	-	-	-	360

TOTAL CONTRACT COST	-	-	-	7,530
Supervision Inspection & Overhead (6.0%)	-	-	-	450

TOTAL REQUEST	-	-	-	7,980
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct standard reinforced concrete High Explosive (HE) ordnance magazines, bomb build-up and missile build-up areas. HE magazines will be earth covered reinforced concrete structures with explosive proof fixtures and require ventilation. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Build-up areas will be reinforced concrete slab on grade. Electrical utilities include telephone, electrical distribution, grounding system, and fire alarm. Mechanical utilities include firewater trench/distribution piping, ventilation, and storm water collection/management. Supporting facilities include site and building utility connections (telephone, electrical, and water). Paving and site improvements include clearing and grubbing, canal realignment, excavation and grading, and paving. Project also includes

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
STATION ORDNANCE AREA, PHASE II	484

(...continued)
Technical Operating Manuals and Anti-Terrorism/Force Protection features. Demolition includes demolition of existing concrete irrigation canal.

11. Requirement: 5,398 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Project constructs four high explosive magazines, one Box ''A'' magazine, one Explosive Ordnance Disposal magazine, one Bomb Build-up Area, one Missile Build-up Area and a Safe Haven Area. (Current mission)

REQUIREMENT:

This project is required to eliminate Marine Corps Air Station (MCAS) Yuma's current reliance on ordnance storage safety waivers and to provide sufficient ordnance storage to meet minimum training mission requirements.

CURRENT SITUATION:

The existing HE magazines require a Secretary of the Navy waiver allowing the Explosive Safety Quantity Distances (ESQD) arcs to extend off Station onto private property. Real estate easements, renewed yearly, are required from property owners allowing only uninhabited structures on the land encumbered by the ESQD arcs. The waiver also limits the storage capacity of the Station's magazines to approximately 590,000 lbs of net explosive weight (NEW). The average yearly ordnance requirement is 2,600,000 lbs NEW to meet mission requirements. Number of required magazines is based on ordnance storage compatibility, physical size of ordnance and capacity of current magazine design. The existing ESQD arcs fall within 100' of existing Station base housing. ESQD arcs from the existing Combat Aircraft Load Apron and the existing HE magazines limit development along the flight line.

IMPACT IF NOT PROVIDED:

If the existing safety waiver is not renewed, the Station's ordnance storage capacity would be further reduced, resulting in degradation of the training mission requirements due to non-availability of on-site ordnance. Limited storage capacity requires more short load truck deliveries and material handling by Station personnel, and carries the possible negative impacts on training missions due to ordnance not being on-hand when needed. Existing ESQD arcs will continue to limit hangar and apron development along the flightline.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
STATION ORDNANCE AREA, PHASE II	484

(...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..... 09/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: Yes
- (B) Where Design Was Most Recently Used: YUMA P-483

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 443
- (B) All Other Design Costs..... 148
- (C) Total..... 591
- (D) Contract..... 369
- (E) In-House..... 222

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62974
MARINE CORPS AIR STATION YUMA, ARIZONA

4. Project Title	7. Project Number
STATION ORDNANCE AREA, PHASE II	484

(...continued)

Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: MR. RICHARD SAMRAH Phone No: (520) 341-2224

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA	Commandant of the Marine Corps	1.19

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	286	1,066	1,542	69	5,477	0	2,213	29,019	3,908	43,580
b. End FY 2009	181	1,021	1,566	70	4,363	0	2,622	30,278	4,140	44,241

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (186,061.00)	
b.	INVENTORY TOTAL AS OF 03 May 2002.....	134,425.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	138,049.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	47,890.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	57,413.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	65,760.00
g.	REMAINING DEFICIENCY.....	437,220.00
h.	**GRAND TOTAL.....**	**880,757.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.24	BACHELOR ENLISTED QUARTERS (91,493 SF)	8,500 m2	22,930	09/01	03/04
* 831.10	TERTIARY SWG TRTMNT(INCI) (4,499 SF)	418 m2	24,960	09/01	09/03
	TOTAL		47,890		

9. Future Projects:

a. Included In The Following Program (FY 2005):

740.44	PHYSICAL FITNESS CENTER	10,500 SF	7,070
179.40	CLOSE COMBAT PISTOL COURSE	0 LS	1,951
* 831.10	TERTIARY SWG TRTMNT(INCII)	0 LS	24,843
721.24	BACHELOR ENLISTED QUARTERS	0 PN	19,293
214.51	ASSAULT BREACHER VEH FAC	0 LS	4,256
	TOTAL		57,413

b. Major Planned Next Three Years:

721.24	BACHELOR ENLISTED QUARTERS	0 PN	22,003
721.24	BACHELOR ENLISTED QUARTERS (9,343 SF)	868 m2	21,110
740.44	PHYSICAL FITNESS CTR HORNO (3,423 SF)	318 m2	9,681

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE CAMP PENDLETON CALIFORNIA	Commandant of the Marine Corps	1.19

(...continued)

214.51	REG MAINT SUPPORT COMPLEX (50,859 SF)	4,725 m2	9,789
213.75	AVTB/DEL MAR BOAT BASN FAC	0 LS	3,177
	TOTAL		65,760

c. R&M Unfunded Requirement ($000): $ 139,290

10. Mission Or Major Functions:

To provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other activities and units designated by the Commandant of the Marine Corps. To conduct specialized schools and other training as directed. To receive and process students in order to conduct field training in basic combat skills.

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

a. Pollution Abatement (*): $ 49,803

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681	4. Project Title
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA	TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202056M	831.10	002	Auth 50,650 Appr 24,960 Auth for Appr 24,960

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I (4,499 SF)	m2	418	-	40,200
OPERATIONS/MAINTENANCE BLDG (4,499 SF)	m2	418	1,711	(720)
PRELIMINARY TREATMENT	LS	-	-	(1,620)
SECONDARY BIO-TREATMENT W/NUTRIENT REMOVAL	LS	-	-	(7,820)
ADVANCED WASTEWATER TREATMENT FACILITIES	LS	-	-	(4,620)
DISINFECTION	LS	-	-	(2,330)
ODOR CONTROL	LS	-	-	(470)
CHEMICAL STORAGE AND HANDLING	LS	-	-	(580)
PLANT WATER SYSTEM	LS	-	-	(510)
POTABLE WATER SYSTEM	LS	-	-	(170)
INFLUENT PUMP STATION	LS	-	-	(4,490)
PLANT ELECTRICAL CONTROL SYSTEM	LS	-	-	(4,570)
SLUDGE HANDLING AND DISPOSAL	LS	-	-	(8,630)
RELOCATE RECYCLING FACILITY	LS	-	-	(310)
TECHNICAL OPERATING MANUALS	LS	-	-	(630)
INFORMATION SYSTEMS	LS	-	-	(30)
BUILT-IN EQUIPMENT	LS	-	-	(2,700)
SUPPORTING FACILITIES	LS	-	-	5,300
ELECTRICAL UTILITIES	LS	-	-	(1,190)
MECHANICAL UTILITIES	LS	-	-	(590)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,490)
ENVIRONMENTAL MITIGATION	LS	-	-	(750)
DEMOLITION	LS	-	-	(280)

SUBTOTAL	-	-	-	45,500
Contingency (5.0%)	-	-	-	2,280

TOTAL CONTRACT COST	-	-	-	47,780
Supervision Inspection & Overhead (6.0%)	-	-	-	2,870

SUBTOTAL	-	-	-	50,650
LESS FUTURE FUNDING	LS	-	-	-25,690

TOTAL REQUEST	-	-	-	24,960
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	002

(...continued)

10. Description of Proposed Construction

Construct a 5 million gallon per day (mgd) southern regional, tertiary sewage treatment plant (STP) and sludge treatment facility near the location of existing STP 13 to treat raw sewage from the STP 13 tributary area. Construction shall include an influent pump station, preliminary treatment facilities (flow measurement/sampling, screening, and grit removal), secondary treatment facilities (three biological nutrient removal channels, two conventional clarifiers, return activated sludge [RAS] pumping and waste activated sludge [WAS] pumping), advanced sewage treatment facilities (secondary effluent equalization basin, filter influent pump station, rapid mix tank, flocculation system, filtration system, and disinfection system), chemical storage and feed systems, odor control facilities, a control room, and Electronic Monitoring System (EMS) connection. Construction also includes sludge treatment and handling facilities (two dissolved air flotation units, two anaerobic digesters and multiple sludge drying beds). Built in equipment includes plant yard piping. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include telephone, fire alarms, information systems, electronic monitoring and control system (EMCS), and back-up generator and control system. Mechanical utilities include plumbing, wet-pipe sprinkler system, heating, ventilation and air conditioning (HVAC). Supporting facilities include site and building utility connections (electrical, telephone, water, sanitary and storm sewer, and Local Area Network (LAN)). Paving and site improvements include exterior site and building lighting, facility access roads and parking, site preparation and paving, storm water management, fencing, pedestrian gates, vehicle gates, grading, earthwork, and landscaping. Project includes demolition of an existing recycling center (650 m2), Technical Operating Manuals, and environmental mitigation. This is the first component project of a phased program that will, when complete, achieve long-term regulatory compliance for the MCB Camp Pendleton wastewater systems.

11. Requirement: 418 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Construct a 5.0 mgd southern regional tertiary sewage treatment plant (STP) and sludge facility at the location of existing STP 13 to treat raw sewage from the STP13 tributary area. (Current mission)

REQUIREMENT:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	002

(...continued)

An adequate southern regional treatment plant and sludge treatment facility is required to provide adequate treatment and plant capacity to handle raw sewage from STP 1, 2, 3, 8, 9, and 13 tributary areas and to accommodate projected future increases in influent quantities. The live-stream discharge of effluent must comply with the San Diego Regional Water Quality Control Board (RWQCB) Basin Plan. This project and Increment II in FY2005 is the first phase of a program to bring the wastewater system into long-term compliance with the regulatory requirements.

CURRENT SITUATION:

MCB Camp Pendleton is in violation of existing wastewater quality standards for the discharge of treated sewage to the Santa Margarita River and is under Cease and Desist orders (CDO's) for five STP's for failure to meet effluent requirements. MCB Camp Pendleton has a compliance date of 8 September 2004 and must provide a sewage treatment system that meets the water quality objectives and effluent limitations established by the RWQCB.

MCB Camp Pendleton currently relies on nine STPs, 67 pump stations and vehicle wash water stations, and over 150 miles of sewage collection pipelines to collect, pump and treat raw sewage and vehicle wash water from all developed areas of the base. The treated sewage discharged from each STP is required to meet effluent discharge limitations established by the San Diego RWQCB.

Original permits for STP 1, 2, 3, 8, 9 and 13 were issued by the RWQCB in 1987. In January 1989, the RWQCB issued CDOs for the six plants for failure to meet effluent quality requirements. In 1994, new CDOs were issued to update the compliance schedules and allow MCB Camp Pendleton additional time to study and implement corrective actions. MCB Camp Pendleton developed a strategy to comply with the CDO requirements that, in general, involved relocating and/or consolidating treated effluent discharge points to more favorable locations. The established requirements for STPs 1, 2, 3, 8 and 13 based on disposal of treated effluent to the Santa Margarita River. Requirements for STP 9 were based on relocating the respective discharge point west of Interstate 5 (I5) to subsurface injection wells.

MCB Camp Pendleton was unsuccessful in finding a suitable site in the Santa Margarita River Basin for percolation or injection disposal of effluent from STPs 1, 2, 3, 8, and 13. An attempt to reach an agreement

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	002

(...continued)

with the City of Oceanside to permanently pipe treated effluent from the plants to the ocean outfall was also unsuccessful.

MCB Camp Pendleton currently has a short-term agreement with the City of Oceanside to dispose of treated secondary effluent via the City's existing ocean outfall. To reach the outfall, MCB Camp Pendleton must install a 2.2-mile pipeline from the Base through the City. The pipeline is presently under construction. The agreement is intended to allow MCB Camp Pendleton to meet State of California discharge requirements while constructing MILCON funded on-Base treatment and disposal facilities. The agreement stipulates that use of the outfall is for a five-year period commencing on the date the Base begins pumping effluent into the Outfall. The Base may exercise up to three additional option years only if it can certify to the City Council that it has secured full project funding for the alternate disposal facilities.

The proposed program to comply with CDO 99-41 and the Basin Plan requirements has been subdivided into multiple phases over five years with each phase representing a complete and progressive step toward overall compliance.

IMPACT IF NOT PROVIDED:

Camp Pendleton (CPEN) is required to comply with California's implementation of the Clean Water Act's National Pollution Discharge Elimination System (NPDES) permit program. CPEN's wastewater treatment plants within this project's scope operate under state issued Waste Discharge Requirements (i.e., NPDES permits). Because these plants cannot achieve or maintain compliance with their Waste Discharge Requirements, they also operate pursuant to enforcement orders (i.e., Cease and Desist Orders) issued by the state. The terms and conditions of these enforcement orders, in part, require CPEN to notify the regional water board of its long-term compliance project's completion (and full compliance with NPDES permits) by 8 September 2004. Should CPEN fail to meet this mandatory compliance date, CPEN is subject to additional civil enforcement for its ongoing environmental noncompliance. This enforcement may include a judicial sanction (e.g., a monetary penalty) to ensure future compliance.

The construction of the southern regional treatment facility is the primary element that is necessary for ensuring compliance with RWQCB Basin Plan requirements and resolving the existing CDOs. Continued discharge from the existing STPs in violation of the NPDES permit requirements will

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	002

(...continued)
result in continued NOVs, potential adverse impacts to the environment (to include disruption of threatened and endangered species habitat) and civil litigation. Other impacts (e.g., beach closures, impairment of Base mission) are possible.

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..... 09/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 2768
- (B) All Other Design Costs..... 923
- (C) Total..... 3691
- (D) Contract..... 2307
- (E) In-House..... 1384

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/05

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
TERTIARY SEWAGE TREATMENT PLANT (INCREMENT I)	002

(...continued)

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

Activity POC: KARLA KRIEGER Phone No: 760-763-0135

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	721.24	098B	22,930

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS, SAN MATEO (91,493 SF)	m2	8,500	-	16,810
BACHELOR ENLISTED QUARTERS (91,493 SF)	m2	8,500	1,899	(16,140)
INFORMATION SYSTEMS	LS	-	-	(330)
BUILT-IN EQUIPMENT	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(160)
SUPPORTING FACILITIES	LS	-	-	3,080
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(760)
ELECTRICAL UTILITIES	LS	-	-	(550)
MECHANICAL UTILITIES	LS	-	-	(120)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,080)
DEMOLITION	LS	-	-	(270)
ENVIRONMENTAL MITIGATION	LS	-	-	(220)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(80)
SUBTOTAL	-	-	-	19,890
Contingency (5.0%)	-	-	-	990
TOTAL CONTRACT COST	-	-	-	20,880
Supervision Inspection & Overhead (6.0%)	-	-	-	1,250
SUBTOTAL	-	-	-	22,130
DESIGN/BUILD - DESIGN COSTS	LS	-	-	800
TOTAL REQUEST	-	-	-	22,930
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a multi-story reinforced concrete masonry building with seismic upgrades, reinforced concrete slab and floors, and standing seam metal roofing, providing 200 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community and service core areas consist of laundry facilities, lounges, administrative offices, multi-purpose rooms, housekeeping areas and public restrooms. Special construction features include seismic construction. Built-in equipment includes one elevator. Sustainable principles will be included into the design, development, and

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS, SAN MATEO	098B

(...continued)

construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and cable television). Paving and site improvements include paved parking, sidewalks, outdoor recreation facilities/courts, roadways access, bus shelter/turnouts, earthwork, grading and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and demolition of buildings 62528, 62529, 62534 and 62535 involving asbestos and lead removal.

Rooms: 200 two-person rooms.
Maximum utilization: 400 E1-E3.
Intended Grade Mix: 230 E1-E3, 69 E-4, 16 E-5
Total: 315 persons.

11. Requirement: 3,135 PN Adequate: 2,816 PN Substandard: 0 PN

PROJECT:

Provides 400 living spaces (200 two-person rooms) for bachelor enlisted personnel using the standard room design for permanent party enlisted personnel in the San Mateo Area of Camp Pendleton. (Current mission)

REQUIREMENT:

This project is needed to replace inadequate gang-head billeting for enlisted personnel at MCB Camp Pendleton (San Mateo Area). This project supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks that meet modern quality of life standards.

CURRENT SITUATION:

Adequate billeting is currently at maximum capacity with two or three Marines per room. Many personnel are also being billeted in inadequate ''flat top'' barracks at four men per room with gang-heads. These buildings were constructed in the late 1950s and are not in compliance with current life/safety/fire/seismic and quality of life standards.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS, SAN MATEO	098B

(...continued)
IMPACT IF NOT PROVIDED:

If this project is not provided, personnel will continue to be billeted in substandard, three per room barracks. They will endure a lower quality of life to the detriment of morale and retention efforts. Furthermore, some junior enlisted personnel in the rank of (E1-E5) will continue to be billeted in town, thereby costing the Marine Corps costly Basic Allowance for Housing (BAH) funds. Unit cohesion will continue to be undermined.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 614
- (B) All Other Design Costs..... 205
- (C) Total..... 819
- (D) Contract..... 205
- (E) In-House..... 614

(4) Contract Award..... 10/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/05

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00681
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS, SAN MATEO	098B

(...continued)

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$20,700,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$23,100,000

E. Future Unaccompanied Housing R&M Requirements:
$44,300,000

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.

Activity POC: KARLA KRIEGER Phone No: 760-763-0135

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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 9/30/02	105	570	3,004	0	0	0	55	65	0	3,799
b. End FY 2009	140	707	3,402	0	0	0	65	100	0	4,414

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,133.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	534,457.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	6,900.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	12,890.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	13,609.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	54,797.00
g.	REMAINING DEFICIENCY.....	14,650.00
h.	**GRAND TOTAL.....**	**637,303.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
111.10	AIRFIELD PAVEMENT UPGRADE (636,545 SF)	59,137 m2	12,890	11/01	03/04
	TOTAL		12,890		

9. Future Projects:

a. Included In The Following Program (FY 2005):

318.15	PROPELLANT/EXP LAB(03 ADD) (42,098 SF)	3,911 m2	13,609
	TOTAL		13,609

b. Major Planned Next Three Years:

179.71	ELECTRONIC WAR TRNG RANGE (5,382 SF)	500 m2	17,405
872.10	COMBINED BOS FACILITY (57,469 SF)	5,339 m2	17,220
721.11	BACHELOR QUARTERS (71,914 SF)	6,681 m2	14,455
421.72	MISSILE MAGAZINES (10,828 SF)	1,006 m2	3,032
# 226.81	RANGE RESIDUE FACILITY (1,507 SF)	140 m2	2,685
	TOTAL		54,797

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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

(...continued)

c. R&M Unfunded Requirement ($000): $ 20,535

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) (#): $ 2,685

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60530	4. Project Title
NAVAL AIR WARFARE CENTER WEAPONS DIV CHINA LAKE, CALIFORNIA	AIRFIELD PAVEMENTS UPGRADE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	111.10	521	12,890

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRFIELD PAVEMENTS UPGRADE (636,545 SF)	m2	59,137	-	10,910
CHECK PAD (21,054 SF)	m2	1,956	281	(550)
TAXIWAY (38,750 SF)	m2	3,600	186	(670)
APRON (376,737 SF)	m2	35,000	179	(6,280)
RUNWAY (200,004 SF)	m2	18,581	183	(3,410)
SUPPORTING FACILITIES	LS	-	-	280
SUPPORT FACILITY-SPECIAL COST	LS	-	-	(280)

SUBTOTAL	-	-	-	11,190
Contingency (5.0%)	-	-	-	560

TOTAL CONTRACT COST	-	-	-	11,750
Supervision Inspection & Overhead (6.0%)	-	-	-	700

SUBTOTAL	-	-	-	12,450
DESIGN/BUILD - DESIGN COST	LS	-	-	440

TOTAL REQUEST	-	-	-	12,890
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Demolish old runway and other airfield pavements; construct runway, taxiway, parking apron and power check pad; replace Portland concrete cement (PCC) airfield pavement with compacted soil sub base, granular base, and concrete surface course; provide anchors (tie-downs) for aircraft, lighting at the check pad and appropriate striping. Special costs consist of storm water run-off controls. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 59,137 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project will upgrade deteriorated airfield pavements. (Current mission)

REQUIREMENT:

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60530
NAVAL AIR WARFARE CENTER WEAPONS DIV CHINA LAKE, CALIFORNIA

4. Project Title	7. Project Number
AIRFIELD PAVEMENTS UPGRADE	521

(...continued)

Adequate airfield pavements are required to provide adequate/safe operational taxiways, runways, aprons, and power check pads at Armitage Airfield to fulfill research, development, test, and evaluation (RTD&E) mission demands at Naval Air Weapons Station (NAWS) China Lake. The project will correct the deteriorated pavement conditions in the most degraded areas (a life expectancy of less than 10 years).

CURRENT SITUATION:

The current facilities contain deteriorating areas of airfield pavements including taxiway, apron, runway, and check pads. These facilities were constructed in 1945 with certain additions/modifications performed in the 1960 through 1980 era. The facilities require extensive maintenance efforts to continue current level of operations. The pavement areas have less than a 6-year life span. The maintenance effort is expected to continue to increase as the pavement ages. Armitage field was built in 1945 to accommodate propeller driven aircraft. Currently it supports over 16,000 air operations per year. This includes the propeller and jet aircraft as well as fixed wing and helicopters.

Over the past several years, approximately $1,000,000 per year in base operating system (BOS) funding has been spent to repair sections of the airfield. This has kept the airfield operational, however, this current level of maintenance will be insufficient to prevent the accelerating deterioration at present level of air operations.

An engineering study conducted in 1995 indicated that these pavement sections had lass than a ten-year life expectancy. The parking apron area requires immediate repair or air traffic must be reduced.

IMPACT IF NOT PROVIDED:

The Naval Weapons Test Squadron (NWTS) is the Navy's flight and ground test support activity for all China Lake sited NAVAIRSYSCOM aircraft and aircraft functions engaged in RDT&E of weapons and weapon systems. If this project is not provided it will impair the ability of these various squadrons to perform their operational T&E missions and would prevent the timely introduction of upgraded and new weapons and weapons systems, thereby degrading fleet readiness. Airfield pavements is beginning to break up and fail and will continue to worsen if not replaced. Loose debris and stones from the failing pavement will continue to be a risk to jet aircraft ingesting debris causing engine damage or failure. Maintenance costs will continue to increase.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60530
NAVAL AIR WARFARE CENTER WEAPONS DIV CHINA LAKE, CALIFORNIA

4. Project Title	7. Project Number
AIRFIELD PAVEMENTS UPGRADE	521

(...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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 345
- (B) All Other Design Costs..... 115
- (C) Total..... 460
- (D) Contract..... 115
- (E) In-House..... 345

(4) Contract Award..... 11/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 03/05

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

JOINT USE CERTIFICATION:

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

Activity POC: CAPT THOMAS HOLLINBERGER Phone No: (760)-939-3412

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION LEMOORE, CALIFORNIA	Commander, Pacific Fleet	1.25

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	643	4,475	671	0	0	0	32	111	0	5,932
b. End FY 2009	924	5,722	684	0	0	0	32	111	0	7,473

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (39,173.00)	
b.	INVENTORY TOTAL AS OF 31 May 2002.....	426,025.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	72,710.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	34,510.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	21,983.00
g.	REMAINING DEFICIENCY.....	1,164,760.00
h.	**GRAND TOTAL.....**	**1,719,988.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
211.05	MAINT HANGAR-O/H SPACE (132,676 SF)	12,326 m2	24,610	11/01	03/04
171.35	OPERATIONAL TRAINER (21,818 SF)	2,027 m2	9,900	06/02	06/04
	TOTAL		34,510		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

211.03	CORROSION CNTL HANGAR (19,806 SF)	1,840 m2	13,125
141.70	EXPAND AIR TRAFFIC CTL TWR (398 SF)	37 m2	2,473
722.10	GALLEY REPLACEMENT (6,458 SF)	600 m2	1,572
441.10	AVIATION WAREHOUSE (13,616 SF)	1,265 m2	1,024
171.10	COLLEGE CAMPUS (85,961 SF)	7,986 m2	3,789
	TOTAL		21,983

c. R&M Unfunded Requirement ($000): $ 103,775

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and materials to support the aviation assets and operations of the Pacific Fleet. This base

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION LEMOORE, CALIFORNIA	Commander, Pacific Fleet	1.25

(...continued)

is the homeport for all Pacific Fleet Light Attack (F/A-18) Squadrons and Replacement Training Squadrons.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702876N	211.05	217	24,610

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
INTEGRATED MAINTENANCE HANGAR (132,676 SF)	m2	12,326	-	18,900
RENOVATE EXISTING HANGAR TYPE 2 (60,988 SF)	m2	5,666	1,861	(10,550)
NEW HANGAR TYPE 1 (27,986 SF)	m2	2,600	2,058	(5,350)
AIRCRAFT ACCESS APRON (43,701 SF)	m2	4,060	239	(970)
TECHNICAL OPERATING MANUALS	LS	-	-	(290)
SPECIAL COSTS	LS	-	-	(890)
INFORMATION SYSTEMS	LS	-	-	(700)
BUILT-IN EQUIPMENT	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(130)
SUPPORTING FACILITIES	LS	-	-	2,440
ELECTRICAL UTILITIES	LS	-	-	(180)
MECHANICAL UTILITIES	LS	-	-	(200)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,680)
SITE PREPARATIONS	LS	-	-	(380)
SUBTOTAL	-	-	-	21,340
Contingency (5.0%)	-	-	-	1,070
TOTAL CONTRACT COST	-	-	-	22,410
Supervision Inspection & Overhead (6.0%)	-	-	-	1,340
SUBTOTAL	-	-	-	23,750
DESIGN/BUILD - DESIGN COST	LS	-	-	860
TOTAL REQUEST	-	-	-	24,610
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Project constructs a 2,600 square meter addition of Hangar Overhead (OH) Space to the existing hangar, Building 180. Structural features for the addition include a concrete slab, spread footings on engineered compacted fill material, structural concrete wall and steel frame with insulated metal siding, steel truss system supporting a membrane roof system supported on metal roof decking with rigid insulation. Interior features include fire alarm/suppression system, high intensity lighting, epoxy floor finishes, telecommunications, 400 hertz (Hz) power, compressed air,

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
INTEGRATED MAINTENANCE HANGAR	217

(...continued)

and industrial wastewater collection system. Built-In equipment includes a three-ton hoist crane.

The existing Hangar 180 will be reconfigured and renovated to include abatement of asbestos containing materials and lead based paint, interior and exterior painting, repairs to exterior siding, new roof system, epoxy floor finishes in the OH and O1 spaces, complete replacement of the heating, ventilation, air conditioning, and lighting system with state-of-the-art energy efficient equipment, 400 Hz power, overhead three-ton hoist crane, and compressed air. Office spaces will be reconfigured and rehabilitated. Restrooms will be rehabilitated and 1st floor restrooms will be made Americans with Disabilities Act (ADA) compliant. Aqueous film forming foam (AFFF) fire suppression system will be installed per Navy regulations in both the new construction and renovated OH spaces. Connections/integration to the existing structure will be required. Additional aircraft tow-way and access/parking apron is required to support the new hangar space. Supporting facilities include upgrade of existing electrical and mechanical utility systems, relocation of substation, site improvements, and vehicle parking lot. Special costs include seismic design. Anti-Terrorism/Force Protection has been addressed in accordance with Department of Defense Guidance. Technical Operating Manuals will also be provided. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 12,326 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Project constructs an addition and renovates Hangar 180 to provide space for Integrated Maintenance Concept (IMC), Technical Directive Compliance Modifications (MOD), and In-Service Repairs (ISR) teams functions and depot level maintenance for up to ten aircraft. (Current mission)

REQUIREMENT:

Adequate hangar space is required to support IMC, MOD and ISR teams. The IMC for the F/A-18 has been approved by Naval Air Systems Command (NAVAIR). It fixes the F/A-18 Period End Date (PED) and schedules depot maintenance into a two-phase inspection/repair program. Preventative Maintenance Inspection (PMI) 1 is conducted at Naval Aviation Depot North Island (NADEP NI) once every eight years for carrier based aircraft. PMI

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
INTEGRATED MAINTENANCE HANGAR	217

(...continued)

2 is also conducted on an 8-year cycle offset four years from the PMI 1 so that each aircraft is inspected once every four years. PMI 2 is performed at specific field sites by a ''depot team''. NAS Lemoore has been selected as one of the PMI 2 field sites. Aircraft supported by the IMC process at NAS Lemoore include the full complement of fourteen fleet squadrons, one F/A-18C/D Hornet replacement squadron and one F/A-18E/F Super Hornet replacement squadron, for a total aircraft loading of approximately 280 F/A-18s. This equates to 35 aircraft (280 aircraft/8hr/day) requiring the 42-day IMC maintenance cycle per year or 1,470 aircraft maintenance days. This requires six aircraft maintenance stations for the IMC program.

In addition to the IMC spaces the MOD and ISR teams also require aircraft maintenance stations to perform scheduled upgrades to existing aircraft or unscheduled maintenance for aircraft that are damaged. Historical data indicates that a total of four aircraft maintenance spaces are required to accommodate the scheduled and unscheduled modification/repair of aircraft at NAS Lemoore. The total number of aircraft planned for maintenance in this project is 10 (6 IMC, 3 MOD, and 1 ISR) aircraft maintenance spaces. However, with the introduction of the F/A-18E/F it is anticipated that the requirement for MOD and ISR maintenance space will increase to six spaces. This project preserves the ability to expand into the southern module (currently occupied by station search and rescue aircraft) for a total of 12 maintenance spaces. Aircraft maintenance spaces used in this process are larger than the typical fleet hangar space for one aircraft to facilitate the use of equipment and subassemblies.

CURRENT SITUATION:

NAS Lemoore cannot fully accommodate PMI 2 requirements. A portion of PMI 2 is performed under an Inter Service Support Agreement (ISSA) with NADEP NI. This requires that the aircraft be transported to NADEP NI thus increasing the amount of time the aircraft is not fully mission capable. The MOD and ISR teams are currently operating in the hangar space of deployed squadrons in existing hangars, and also operating from non-deployed squadron hangar modules, thereby negatively impacting the squadron's routine maintenance schedule. Squadron deployment and arrivals currently require the MOD and ISR teams to relocate frequently with a major loss in efficiency.

IMPACT IF NOT PROVIDED:

If this project is not constructed, the new PMI 2 portion of the IMC will

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
INTEGRATED MAINTENANCE HANGAR	217

(...continued)

not have adequate space at NAS Lemoore, and the ISR and MOD teams will continue to move from hangar to hangar as space becomes available for maintenance. This will have an adverse impact on aircraft readiness at Lemoore as planes will be grounded until space is available. As loading increases at NAS Lemoore, the adverse impact on aircraft readiness will also increase.

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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 647
- (B) All Other Design Costs..... 216
- (C) Total..... 863
- (D) Contract..... 216
- (E) In-House..... 647

(4) Contract Award..... 11/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 03/05

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
INTEGRATED MAINTENANCE HANGAR	217

(...continued)

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: CDR KIRK WILSON Phone No: (559) 998-4091

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0815976N	171.35	271	9,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OPERATIONAL TRAINER FACILITY (22,572 SF)	m2	2,097	-	5,570
OPERATIONAL TRAINER FACILITY (21,818 SF)	m2	2,027	2,278	(4,620)
BUILDING 43 RENOVATION (753 SF)	m2	70	2,298	(160)
BUILT-IN EQUIPMENT	LS	-	-	(10)
INFORMATION SYSTEMS	LS	-	-	(210)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(480)
SUPPORTING FACILITIES	LS	-	-	3,020
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,960)
ELECTRICAL UTILITIES	LS	-	-	(240)
MECHANICAL UTILITIES	LS	-	-	(120)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(660)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(40)

SUBTOTAL	-	-	-	8,590
Contingency (5.0%)	-	-	-	430

TOTAL CONTRACT COST	-	-	-	9,020
Supervision Inspection & Overhead (6.0%)	-	-	-	540

SUBTOTAL	-	-	-	9,560
DESIGN/BUILD - DESIGN COST	LS	-	-	340

TOTAL REQUEST	-	-	-	9,900
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Constructs an addition to the existing Operations Facility, Building 43 to house five Tactical Operational Flight Trainers (TOFT), control stations, computer spaces, network areas, briefing rooms, squadron size auditorium with near projection screen, spaces for instructions, computer maintenance personnel, and appropriate common spaces to meet training requirements for Fleet Aviation Simulator Training (FAST) plan at NAS Lemoore. Project also renovates the current entryway into Building 43 into a breakout room. Structural features for the addition include a concrete slab, spread footings on engineered compacted fill material, structural concrete masonry unit wall and steel frame, open web steel joist roof frame and

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
OPERATIONAL TRAINER FACILITY	271

(...continued)

steel decking, built-up roofing and insulation. Interior features include fire alarm/suppression system, mechanical and electrical systems, security system and local area network and Navy Marine Corps Internet (NMCI) systems. Site work includes utilities, paving, offsite parking and anti-terrorism requirements. Special Construction Features include spread footings on engineered compacted fill material, building sound attenuation to reduce noise impact from nearby aircraft operations, seismic construction, and conformance to Sensitive Compartmented Information Facility (SCIF) requirements with a single point controlled entry. Anti-terrorism/force protection features will be included. Connections/modifications to the existing building will be required to allow for single point of entry and revisions to utility systems. Built-in equipment includes a kitchenette. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 2,097 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Project constructs a facility to house Tactical Operational Flight Trainers. (Current mission)

REQUIREMENT:

Project provides facilities that will enable NAS Lemoore to provide quality and professional training environments to meet expectations of a Strike Fighter Center of Excellence. The Fleet Aviation Simulator Training (FAST) plan will encompass the Tactical Operations Flight Trainers into Distributed Mission Training (DMT) exercises through wide-area networks (LAN and NMCI) to plan, brief, and debrief fleet pilots. This allows commands from various platforms to coordinate missions and rehearse the execution in a sophisticated multi-bogey, multi-group hostile threat environment. Sophisticated briefing systems will allow for pre-mission group planning and coordination. Once the mission is complete, the debrief stations will enable replay of the scenarios at multiple DMT sites, providing from the sky views, out the window scenes and review of cockpit instrumentation simultaneously. Improved mission readiness with multi-ship situational awareness, targeting standards and communication skills are just a few of the training attributes brought with the DMT setup. This project will provide a simulated environment for real world training scenarios.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
OPERATIONAL TRAINER FACILITY	271

(...continued)

CURRENT SITUATION:

The existing operational training facilities are currently overcrowded and are not adequate to support the additional trainers to support the training requirements of FAST.

IMPACT IF NOT PROVIDED:

If the facility is not provided, the additional trainers required to support the FAST plan would not be housed and simulator training for fleet aircrew would be severely degraded and delayed. Overall pilot training schedules and thru-put would be significantly impacted. Increased funding for flight hours would be required to replace the same training level. The trainers and associated equipment would have to be stored until the facility is constructed.

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..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 260
- (B) All Other Design Costs..... 208
- (C) Total..... 468
- (D) Contract..... 208
- (E) In-House..... 260

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63042
NAVAL AIR STATION LEMOORE, CALIFORNIA

4. Project Title	7. Project Number
OPERATIONAL TRAINER FACILITY	271

(...continued)

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: CDR KIRK WILSON Phone No: (559) 998-4091

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67865	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION MIRAMAR CALIFORNIA	Commandant of the Marine Corps	1.19

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	98	835	251	49	56	0	865	6,666	529	9,349
b. End FY 2009	71	585	408	57	77	0	1,056	7,494	1,385	11,133

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (22,941.00)	
b.	INVENTORY TOTAL AS OF 03 May 2002.....	447,999.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	52,010.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	4,740.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	3,289.00
g.	REMAINING DEFICIENCY.....	397,767.00
h.	**GRAND TOTAL.....**	**905,805.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
141.20	A/C FIRE/RESCUE STATION (12,228 SF)	1,136 m2	4,740	09/01	03/04
	TOTAL		4,740		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

211.05	INSTALL HVAC TO BLDG 9277	0 LS	3,289
	TOTAL		3,289

c. R&M Unfunded Requirement ($000): $ 61,100

10. Mission Or Major Functions:

To maintain and operate facilities and provide services and material to support the operations of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine 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 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67865	4. Project Title
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA	AIRCRAFT FIRE AND RESCUE STATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	141.20	095	4,740

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT FIRE AND RESCUE STATION (12,228 SF)	m2	1,136	-	3,950
FACILITY ADDITION (12,228 SF)	m2	1,136	2,389	(2,710)
BUILT-IN EQUIPMENT	LS	-	-	(40)
SPECIAL COSTS	LS	-	-	(750)
INFORMATION SYSTEMS	LS	-	-	(30)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(350)
SUPPORTING FACILITIES	LS	-	-	160
ELECTRICAL UTILITIES	LS	-	-	(10)
MECHANICAL UTILITIES	LS	-	-	(30)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(30)
DEMOLITION	LS	-	-	(90)

SUBTOTAL	-	-	-	4,110
Contingency (5.0%)	-	-	-	210

TOTAL CONTRACT COST	-	-	-	4,320
Supervision Inspection & Overhead (6.0%)	-	-	-	260

SUBTOTAL	-	-	-	4,580
DESIGN/BUILD - DESIGN COST	LS	-	-	160

TOTAL REQUEST	-	-	-	4,740
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a two story reinforced Concrete Masonry Unit (CMU) building on concrete slab on grade foundation with structural steel framing and standing seam metal roof. The building will be used as an Aircraft Fire and Rescue Station with observation tower. The project will provide spaces for a training classroom, training office, berthing quarters and toilet/shower facilities, kitchen, dining and material storage. Special costs include: temporary facilities for displaced personnel; modification/expansion to the existing fire and rescue communications and alarm systems; modification/expansion of the Fire Station Dispatch System; building seaming; skylights; and sound attenuation. Sustainable principles will be included into the design, development, and construction

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67865
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA

4. Project Title	7. Project Number
AIRCRAFT FIRE AND RESCUE STATION	095

(...continued)

of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes a diesel exhaust system. Electrical utilities include telephone, electricity, fire alarm, electrical grounding rods, and electronic monitoring and control system (EMCS), and Direct Digital Control (DDC). Mechanical utilities include plumbing, heating ventilation and air conditioning (HVAC) with energy conservation equipment/controls, and fire protection system. Supporting Facilities includes relocation and modification of existing site and building utility connections (water, telephone, electrical, sanitary and storm sewer, natural gas, and Local Area Network (LAN)). Existing water mains, sanitary sewer, steam, electrical, mechanical and telephone/LAN (Fiber Optics) distribution lines affected by construction will be removed, rerouted, and upgraded to accommodate additional load requirements. Paving and site improvements include preparation and implementation of the Storm Water Prevention Plan and storm water permits as required by the San Diego Regional Water Quality Control Board. Demolition includes demolition of existing first floor administrative and berthing areas (485 M2), and relocation of existing generator, air compressor, boilers, and dispatch equipment. Project includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and will be constructed in seismic zone 4.

11. Requirement: 2,253 m2 Adequate: 1,117 m2 Substandard: 0 m2

PROJECT:

This project will construct a two story Aircraft Fire and Rescue Station with observation tower and modify adjacent fire apparatus bay. (Current mission)

REQUIREMENT:

Provide adequate and efficiently configured facilities for Aircraft Fire and Rescue Station personnel and their equipment. Building addition will provide enough space for the user to be able to perform their assigned tasks in an efficient manner and in accordance with current criteria.

CURRENT SITUATION:

Marine Corps Air Station Miramar requires 50 trained Aircraft Rescue and Fire Fighting (ARFF) and Aircraft Recovery personnel to meet minimum daily airfield operation support requirements. These Marines are required to support an active runway during routine flight operations and emergency

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67865
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA

4. Project Title	7. Project Number
AIRCRAFT FIRE AND RESCUE STATION	095

(...continued)

services 24 hours/day. There are 136 ARFF/Recovery personnel. The existing facility was designed to support 30 Marines and is incapable of meeting training requirements. The current facility does not provide the required view of the airfield (Federal Aviation Administration Advisory Circular 150/5210-15 dated 30 Jul 87). Training is conducted in multiple non-adjacent facilities. The existing training rooms are undersized, and cannot house all personnel for essential training. Moreover, it does not accommodate audio-visual equipment, charts, maps, and other training aids. Additional storage space is needed to house life-safety equipment.

IMPACT IF NOT PROVIDED:

Lack of adequate personnel housing, storage, and training spaces adversely impacts unit readiness and ability to support the airfield operations at MCAS Miramar. The inability to properly conduct training will continue to adversely affect personnel readiness and inhibit their rescue and fire fighting skills. Immediate response is compromised by not having Fire and Rescue Personnel in one facility.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 125
- (B) All Other Design Costs..... 42

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67865
MARINE CORPS AIR STATION MIRAMAR, CALIFORNIA

4. Project Title	7. Project Number
AIRCRAFT FIRE AND RESCUE STATION	095

(...continued)

(C) Total..... 167
(D) Contract..... 42
(E) In-House..... 125

(4) Contract Award..... 10/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/04

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: EMILIO T. ROVIRA Phone No: (858) 577-6052

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62271	4. Command	5. Area Constr Cost Index
NAVAL POSTGRADUATE SCHOOL MONTEREY CALIFORNIA	Chief of Naval Operations	1.17

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,539	171	1,139	0	0	0	200	19	0	3,068
b. End FY 2009	1,832	165	1,139	0	0	0	200	19	0	3,355

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (623.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	317,050.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	10,380.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	35,550.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	42,013.00
g.	REMAINING DEFICIENCY.....	79,429.00
h.	**GRAND TOTAL.....**	**484,422.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
724.12	BACHELOR OFFICER QTRS REPL (105,486 SF)	9,800 m2	35,550	11/02	06/04
	TOTAL		35,550		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

171.20	EDUCATIONAL FAC REPL I (158,262 SF)	14,703 m2	8,894
171.20	EDUCATIONAL FAC REPL II (158,262 SF)	14,703 m2	33,119
	TOTAL		42,013

c. R&M Unfunded Requirement ($000): $ 43,813

10. Mission Or Major Functions:

Conduct and direct the advanced education of Naval officers and provide such other technical and professional instruction as may be prescribed to meet the needs of the Naval service; foster and encourage a program of research in order to sustain academic excellence.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62271	4. Project Title
NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA	BACHELOR OFFICER QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0805796N	724.12	198	35,550

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR OFFICER QUARTERS (105,486 SF)	m2	9,800	-	25,370
BACHELOR OFFICERS QUARTERS (O3 AND ABOVE) (52,743 SF)	m2	4,900	1,802	(8,830)
BACHELOR OFFICERS QUARTERS (O3 AND ABOVE) (52,743 SF)	m2	4,900	1,802	(8,830)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(370)
BUILT-IN EQUIPMENT	LS	-	-	(1,000)
INFORMATION SYSTEMS	LS	-	-	(1,170)
SPECIAL COSTS	LS	-	-	(4,930)
TECHNICAL OPERATING MANUALS	LS	-	-	(240)
SUPPORTING FACILITIES	LS	-	-	5,330
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,750)
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(260)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(780)
DEMOLITION	LS	-	-	(2,240)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(140)

SUBTOTAL	-	-	-	30,700
Contingency (5.0%)	-	-	-	1,540

TOTAL CONTRACT COST	-	-	-	32,240
Supervision Inspection & Overhead (6.0%)	-	-	-	1,930

SUBTOTAL	-	-	-	34,170
DESIGN/BUILD-DESIGN COST	LS	-	-	1,380

TOTAL REQUEST	-	-	-	35,550
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Constructs two, five-story, Bachelor Officers Quarters buildings with 140 ''1+0'' rooms for grades 03 and above. The project includes demolition of existing parking lots D and E (3,300 m2) and buildings 221 and 222 (12,500.67 m2). Construction includes concrete frame structures with concrete grade beams on a drilled caisson pile foundation; integral energy efficient mechanical, electrical and plumbing systems connected to the

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62271
NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR OFFICER QUARTERS	198

(...continued)

Energy Management Control System (EMCS); interior finishes and built-in furnishings, including elevators and kitchenettes; an addressable fire alarm and sprinkler system connected to the base-wide loop; complete insulation of the walls, roof and intermediary floors for thermal and acoustic control; and an overall exterior design with finishes to be compatible with the adjacent, potentially historic, building (#220, Herrmann Hall, the main building of the Del Monte Hotel built in 1926). The design will meet Department of Defense standards for 1+0 living space. The design will comply with California and Federal Seismic Code requirements for a Zone 4 seismic zone. Electrical power will be provided, including 480 volt, 3-phase, 4-wire service, sufficient to meet 110% of the building requirement. All information and communications systems will be connected to the base-wide local area network or to the appropriate service provider. Site work includes sidewalks, landscaping, extension/realignment of roads, utility connections, and other on-site improvements. Anti-terrorism/force protection features will be provided. Compliance with Americans with Disabilities Act Guidelines is mandatory. Special Construction Features costs include renovation of administrative spaces for displaced staff. Special costs include seismic adjustment, sustainable design, laminated windows and sound attenuation. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders. Built-in equipment includes kitchenettes and four elevators.

Intended Grade Mix: 140 Officers
Maximum Utilization: 280 E1-E3

11. Requirement: 9,800 m2 Adequate: 0 m2 Substandard: 181 m2

PROJECT:

This project constructs Bachelor Officers Quarters (BOQ) to support the expanded mission requirement of School of International Graduate Studies (SIGS), per Public Law 101-513, establishing the Expanded International Military Education and Training (IMET-E) program. (Current mission)

REQUIREMENT:

Due to both the exceptionally high cost and low availability of temporary living space in and around Monterey, California, and the limited funds provided in support of the IMET and IMET-E programs, the Naval Postgraduate School must provide adequate transient Bachelor Officer

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62271
NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR OFFICER QUARTERS	198

(...continued)

Quarters facilities for foreign students attending short courses in support of the expanded mission requirement of the School of International Graduate Studies (SIGS).

SIGS is a composite organization that joins together, under one academic organization, several existing and recently expanded programs, at the Naval Postgraduate School, to better meet the goals of the original IMET program and provide suitable support for the additional courses and programs required under the new IMET-E program. Per agreement between Secretary of State and Secretary of Defense, SIGS was required to begin offering IMET-E curricula no later than the Fall of 2002. This expanded curriculum will generate an increased requirement for additional facilities to support the increase in student loading and staffing.

This project replaces 106 rooms that are old and do not meet current standards. An additional 34 rooms will be provided to accommodate the total requirement of 140 rooms. This includes 50 Defense Resource Management Institute students, 30 Center for Civil-Military Relations students, 25 Institute for Defense Acquisition and Resource Management students and 35 International Program Office students.

The requirement for quarters is established by the class sizes of the using organizations. Defense Resource Management Institute (a part of the SIGS organization) regularly has classes of approximately 50 students. Under the IMET-E programs, SIGS classes will be expanded and provided on a more frequent basis. The Center for Civil-Military Relations (CCMR) and Institute for Defense Acquisition and Resource Management (IDARM) programs will have 30 and 25 students, respectively, on a continual basis. The International Programs Office will also have a demand of approximately 35 students. The demand for temporary housing, in support of the IMET-E programs will increase by that cumulative amount, 140 rooms.

CURRENT SITUATION:

The current BOQ at NPS uses upgraded, 1926-vintage, hotel rooms. The east and west wings, though, were built in 1888 using construction technologies of the time. Though these spaces have been reconstituted, the layout and amenities in the rooms are not consistent with current billeting requirements. The electrical, mechanical and plumbing systems have been repaired/upgraded in a piecemeal fashion due to lack of maintenance funding. The overall design of the system is antiquated and has led to numerous complaints by several congressional, senior executive service and flag rank visitors to NPS. Total facility replacement is indicated to

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62271
NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR OFFICER QUARTERS	198

(...continued)
bring the basic structure of the buildings up to current seismic codes.

Currently, SIGS has 54 rooms in the NPS BOQ allocated for the international programs. One institute in SIGS, the Defense Resource Management Institute, is the primary user of these rooms. Students attending courses in other programs, such as CCMR, IDARM and Defense Military Health Institute (DMHI), are left to compete with other organizations for temporary living spaces in the existing BOQ. SIGS is committed to Department of Defense to provide at least 390 additional quotas for short courses in FY2003. To meet this requirement, an additional international student loading of approximately 45 to 60 students must be provided, on a continuous basis, throughout the year. With very rare exceptions, the BOQ at NPS operates continually at 100 percent occupancy.

NPS presently has three buildings that function as BOQ's, with a total of 181 guest-lodging rooms, ten of which are VIP rooms. Building #220, the main building of Herrmann Hall, has 75 lodging rooms and suites and is used by other conference groups, military retirees, reservists on orders, or students taking graduate level courses while looking for quarters. There are 27 and 79 rooms in Buildings #221 and #222, respectively. The 27 rooms in Building #221 are inadequate and not appropriate for the students that would be attending SIGS IMET courses. The IMET attendees are mainly senior grade officers and sometime include senior executive service civilians. Lodging in Building #221 has shared bathrooms, which precludes their use in consideration of the different nationalities and customs that are typical of SIGS students. These rooms are generally provided for other transient billeting requirements. Of the 79 rooms available in Building #222, 54 are assigned to DRMI.

IMPACT IF NOT PROVIDED:

NPS would not be able to meet the mission requirement to offer additional IMET courses. IMET funding is insufficient to rely on the private sector in the local Monterey Peninsula where lodging costs are normally higher than average, and can increase dramatically during the many event weekends.

IMET courses in other parts of the country would also be costly and not benefit from access to the specialized and highly relevant intellectual capital that is resident in the faculty at NPS. The ability of SIGS to meet new mission (IMET) requirements will be compromised. Demand for courses will remain unmet, leading to frustration for both U.S. and

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62271
NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR OFFICER QUARTERS	198

(...continued)
international students. Continued pressure to try to meet IMET requirements without adequate resources will erode efforts to realize the full potential of this important program. Opportunities to forge alliances and positive relationships with other countries will be lost.

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..... 11/02
- (B) Date Design 35% Complete..... 09/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 0%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 937
- (B) All Other Design Costs..... 312
- (C) Total..... 1249
- (D) Contract..... 312
- (E) In-House..... 937

(4) Contract Award..... 01/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 02/06

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62271
NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR OFFICER QUARTERS	198

(...continued)

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used for other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: MS. ALLYN MCGUIRE Phone No: DSN 878-2527

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64228	4. Command	5. Area Constr Cost Index
NAVAL AIR FACILITY SAN CLEMENTE ISLAND, CALIFORNIA	Commander, Pacific Fleet	1.9

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	21	285	0	0	0	0	41	61	0	408
b. End FY 2009	17	251	0	0	0	0	41	61	0	370

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (48,786.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	785,198.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	166,872.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	18,940.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	31,320.00
h.	**GRAND TOTAL.....**	**1,002,330.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
851.10	OPERATIONAL ACCESS - SHOBA (1,737,392 SF)	161,409 m2	18,940	11/01	09/03
	TOTAL		18,940		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

None

c. R&M Unfunded Requirement ($000): $ 11,658

10. Mission Or Major Functions:

Block 7a through c are Inventory Data for the Host UIC N00246 NAS North Island.

Support tactical training and RDT&E efforts by maintaining and operating facilities and providing services, arms, and material support to the U S Pacific Fleet and other operating forces.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64228	4. Project Title
NAVAL AIR FACILITY SAN CLEMENTE ISLAND, CALIFORNIA	OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202576N	851.10	493	18,940

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA (1,737,392 SF)	m2	161,409	-	13,680
ASPHALT OVERLAY (737,909 SF)	m2	68,554	51	(3,530)
PAVE CONCRETE ROADWAY (52,313 SF)	m2	4,860	441	(2,140)
PAVE ASPHALT ROADWAY (947,170 SF)	m2	87,995	91	(8,010)
SUPPORTING FACILITIES	LS	-	-	3,340
SITE IMPROVEMENTS	LS	-	-	(1,540)
SEABEE SUPPORT COST	LS	-	-	(1,500)
ENVIRONMENTAL MITIGATION	LS	-	-	(300)
SUBTOTAL	-	-	-	17,020
Contingency (5.0%)	-	-	-	850
TOTAL CONTRACT COST	-	-	-	17,870
Supervision Inspection & Overhead (6.0%)	-	-	-	1,070
TOTAL REQUEST	-	-	-	18,940
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construction in the northern portion of the roadway will include repair, overlay, and widening of the existing deteriorated paved road. Construction in the existing unpaved southern portion of the roadway will include new paved roadway beginning at the existing northern portion of San Clemente Island Ridge Road and ending at the gate to the Shore Bombardment Area (SHOBA), and new paved roadway to the Range Electronic Warfare System (REWS) Complex. Supporting facilities include earthwork, drainage, regrading the existing tank path, and extension of tank path to the SHOBA gate, and environmental mitigation (natural/cultural resources, etc.). Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 161,409 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project will provide operational access to the Shore Bombardment Area (SHOBA) by paving the unpaved portion of the existing main access road to

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64228
NAVAL AIR FACILITY SAN CLEMENTE ISLAND, CALIFORNIA

4. Project Title	7. Project Number
OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA	493

(...continued)

the SHOBA gate, and the unpaved access road to the Range Electronic Warfare System (REWS) Complex. (Current mission)

REQUIREMENT:

Adequate and reliable roads are required to provide safe access to operational and training areas throughout San Clemente Island (SCI). SCI is a unique resource for Navy and Marine Corps to satisfy training, research and development, natural and cultural preservation, and communication requirements. A permanent, hard-surfaced, all weather, all season, main access roadway (Ridge Road) is required to provide operational access for the safe transport of explosive ordnance, electronic equipment, and personnel to remote observation posts in the Shore Bombardment Areas and the REWS Complex at NALF San Clemente Island. The existing, badly deteriorated northern portion of this main access road to the airfield will be re-paved. In addition, the existing tank path will be regraded, and extended to the SHOBA gate.

CURRENT SITUATION:

The existing, unpaved roadway is unsafe for the transport of explosive ordnance, electronic equipment, and personnel to the SHOBA and REWS areas. During the annual rainy season (typically, December - May), the existing unpaved roadway becomes impassable due to severe erosion and slope failures (mudslides) of the expansive soil existing at NALF San Clemente Island. Expansive soils become plastic when saturated and flow freely, causing significant erosion island-wide. This results in numerous mudslides and obliteration of the unpaved road surface. During the dry season, the erosion of the roadway surface causes a severe washboard-like effect and excessive potholes. This necessitates expensive annual regrading of the entire unpaved road surface at a time of declining maintenance budgets.

The existing paved portion of San Clemente Island Ridge Road at the northern end of San Clemente Island, which provides access to the airfield, shows excessive deterioration due to the heavy military and construction equipment that traverses the roadway on a daily basis. There have been six vehicular accidents in the past five years specifically due to the poor condition of Ridge Road. The average traffic volume is estimated at 140 vehicles per week on Ridge Road. The vehicle maintenance cost is substantially higher since the road conditions cause premature wear on the vehicles.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64228
NAVAL AIR FACILITY SAN CLEMENTE ISLAND, CALIFORNIA

4. Project Title	7. Project Number
OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA	493

(...continued)

IMPACT IF NOT PROVIDED:

All weather, all season, operational access to the SHOBA and REWS areas will not be available. Unsafe roadway conditions will continue, causing annual damage to vehicles and equipment, as well as hazards to personnel using the road. Continued erosion and annual regrading of the road surface will persist in being a significant maintenance/funding burden.

Lack of access to the Ridge Road directly impacts the following:

-Without an accessible road to essential communication networks and utilities, maintenance and emergency repairs would be compromised.

-Ridge Road is necessary for access to the Southern California Off Shore Range (SCORE) communications facility. Access is required for equipment maintenance on a weekly basis. The third Cryptologic Simulator System (CSS) is also located in the vicinity of SCORE.

-The Range Electronic Warfare Simulator (REWS) transmits signals to ships in the SCI offshore range and provides support for unit level through battle group training on a daily weekday basis, with 300 to 400 operations conducted annually. Maintenance of this facility is essential to sustain this communication system.

-Use of Ridge Road is necessary for the Natural Resources Office shrike release site and supplemental feeding site, which is essential to the continued SCI loggerhead shrike recovery as an endangered species. This program is required under binding agreement with the Fish and Wildlife Service. If access to these areas is compromised due to the poor condition of Ridge Road, access will be limited to foot or by increased All Terrain Vehicle (ATV) activity. Foot access will severely limit the capability to comply with regulatory requirements to conserve, protect, and recover the loggerhead shrike, while increased in ATVs to access shrike recovery areas will not only present a serious safety issue to personnel, it will contribute to severe erosion and habitat degradation.

-SCI Ridge Road provides access to the Shore Bombardment Area (SHOBA). The SHOBA operations center is around Pacific Fleet surface-to-surface and air-to-surface gunnery training. Typical operations performed in SHOBA include Naval Gun Fire Support (NFGS), close air support, laser target designation, Supporting Arms Coordination Center Exercises (SACEX), Naval Special Warfare raids, artillery fire, and amphibious assault landings.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64228
NAVAL AIR FACILITY SAN CLEMENTE ISLAND, CALIFORNIA

4. Project Title	7. Project Number
OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA	493

(...continued)

-SACEX are often run in conjunction with the Fire Support Coordination Exercises (FSCEX). SACEX is a required Marine Expeditionary Unit (MEU)/Amphibious Squadron (PHIBRON) pre-deployment exercise. SACCEX is oriented around the Naval Gun Fire Support on the ships, and the FSCEX is focused on the Marine artillery effort.

-Marines practice artillery range targeting to FSA I. Impact Area I is the most important training area in the Pacific Ocean for naval gunfire and bombing exercises and training and is scheduled to the maximum extent available. Without the ability to access this area, 4 to 6 times a year, the Marines will be unable to perform this training.

-The Expeditionary Forces practice beach landings at SCI and access is required for annual Battalion Landing exercises. Explosive Ordnance Disposal Teams also practice landing and sweep exercises in the SHOBA region.

-Fire suppression requires road access by fire trucks within 15 minutes of report of ignition.

-Unauthorized vehicle detours around impassable roads impact natural and cultural resources adjacent to ridge road, and can result in resource damage or wildlife that is reportable to state and federal resource agencies.

-Force Protection and security patrol access are limited by poor road 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..... 11/01
(B) Date Design 35% Complete..... 01/03
(C) Date Design Complete..... 09/03
(D) Percent Complete As Of September 2002..... 2%
(E) Percent Complete As Of January 2003..... 35%
(F) Type of Design Contract..... Design/Bid/Build

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64228
NAVAL AIR FACILITY SAN CLEMENTE ISLAND, CALIFORNIA

4. Project Title	7. Project Number
OPERATIONAL ACCESS TO SHORE BOMBARDMENT AREA	493

(...continued)

(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 1050
(B) All Other Design Costs..... 350
(C) Total..... 1400
(D) Contract..... 875
(E) In-House..... 525

(4) Contract Award..... 11/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 04/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

Activity POC: LCDR D. LEWIS Phone No: (760)339-2201

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00245	4. Command	5. Area Constr Cost Index
NAVAL STATION SAN DIEGO SAN DIEGO, CALIFORNIA	Commander, Pacific Fleet	1.19

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,949	20,664	5,189	0	240	0	142	1,164	0	29,348
b. End FY 2009	1,811	19,713	6,056	0	240	0	175	1,582	0	29,577

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,497.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	324,910.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	42,750.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	42,710.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	52,840.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	155,494.00
g.	REMAINING DEFICIENCY.....	744,578.00
h.	**GRAND TOTAL.....**	**1,363,282.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ HOMEPORT ASHORE (188,368 SF)	17,500 m2	42,710	11/01	03/04
	TOTAL		42,710		

9. Future Projects:

a. Included In The Following Program (FY 2005):

721.11	BEQ - SHIPBOARD ASHORE (188,368 SF)	17,500 m2	52,840
	TOTAL		52,840

b. Major Planned Next Three Years:

721.11	BEQ - SHIPBOARD ASHORE (163,073 SF)	15,150 m2	43,473
151.50	REPLACE BERTHING PIER (120,018 SF)	11,150 m2	66,331
721.11	BEQ HOMEPORT ASHORE (188,368 SF)	17,500 m2	38,562
610.10	LEGAL SERVICES FACILITY (71,580 SF)	6,650 m2	7,128
	TOTAL		155,494

c. R&M Unfunded Requirement ($000): $ 152,555

10. Mission Or Major Functions:

Provide homeport facilities for approximately 54 warships, amphibious ships,

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00245	4. Command	5. Area Constr Cost Index
NAVAL STATION SAN DIEGO SAN DIEGO, CALIFORNIA	Commander, Pacific Fleet	1.19

(...continued)

and auxiliaries of the Pacific Fleet. Provide harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00245	4. Project Title
NAVAL STATION SAN DIEGO SAN DIEGO, CALIFORNIA	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0212276N	721.11	501	Auth 49,710 Appr 42,710 Auth for Appr 42,710

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (188,368 SF)	m2	17,500	-	37,300
BACHELOR QUARTERS (188,368 SF)	m2	17,500	1,779	(31,130)
BUILT-IN EQUIPMENT	LS	-	-	(2,710)
SPECIAL COSTS	LS	-	-	(1,510)
INFORMATION SYSTEMS	LS	-	-	(600)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,250)
SUPPORTING FACILITIES	LS	-	-	5,800
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,150)
ELECTRICAL UTILITIES	LS	-	-	(700)
MECHANICAL UTILITIES	LS	-	-	(680)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,530)
OUTSIDE COMMUNICATION LINES	LS	-	-	(80)
DEMOLITION	LS	-	-	(1,530)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(130)

SUBTOTAL	-	-	-	43,100
Contingency (5.0%)	-	-	-	2,160

TOTAL CONTRACT COST	-	-	-	45,260
Supervision Inspection & Overhead (6.0%)	-	-	-	2,720

SUBTOTAL	-	-	-	47,980
DESIGN/BUILD - DESIGN COST	LS	-	-	1,730
FUNDS PROVIDED FROM FY2002 MCON SAVINGS	LS	-	-	-7,000

TOTAL REQUEST	-	-	-	42,710
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

This project is in support of the Department's Homeport Ashore Program.

Construct high-rise concrete bachelor enlisted quarters (BEQ) building with slab on grade; concrete floors and roof panels above grade; concrete masonry unit and metal stud walls at interior; anti-terrorism/force protection measures; utilities and site lighting; recreational facilities;

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00245
NAVAL STATION SAN DIEGO SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE	501

(...continued)

paving and walks. Demolish Building 3139 (3,011 m2). Project provides approximately 250 enhanced ''1 + 1'' modules. Project includes quality of life amenities such as air-conditioning, elevators, landscaping and irrigation, cable TV, storage, walk-in closets, kitchenettes, and telephone/local area network service to each room. Anti-Terrorism/Force Protection has been addressed in accordance with Department of Defense Interim Guidance. Built-in equipment includes elevators; special costs are for seismic design; and special construction features include a pile foundation. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

Intended Grade Mix: 500 E1-E4<4
Maximum Utilization: 500 E1-E4<4

11. Requirement: 4,471 PN Adequate: 1,082 PN Substandard: 0 PN

PROJECT:

This project provides an adequate Bachelor Enlisted Quarters for E1-E4 enlisted personnel assigned to the Naval Station (NAVSTA), San Diego. (Current mission)

REQUIREMENT:

This project is in support of the Department's Home Port Ashore Program. Adequate housing is required for enlisted personnel assigned to the Naval Station, San Diego.

CURRENT SITUATION:

NAVSTA San Diego lacks sufficient assets to house bachelor enlisted personnel in accordance with today's quality of life design criteria.

IMPACT IF NOT PROVIDED:

Sufficient BEQ assets will not be available to support the mission requirements of NAVSTA and its tenant commands. NAVSTA cannot comply with the Chief of Naval Operations initiative to house E1-E4 single sailors ashore until a new BEQ is constructed.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00245
NAVAL STATION SAN DIEGO SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE	501

(...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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 1327
- (B) All Other Design Costs..... 442
- (C) Total..... 1769
- (D) Contract..... 442
- (E) In-House..... 1327

(4) Contract Award..... 11/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 01/06

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$1,762,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$2,281,000

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00245
NAVAL STATION SAN DIEGO SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE	501

(...continued)

E. Future Unaccompanied Housing R&M Requirements:
$4,561,000

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: CDR CLIFFORD MAURER Phone No: (619) 556-1310

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA	Commander, Pacific Fleet	1.19

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	2,488	16,442	4,518	0	0	0	350	591	0	24,389
b. End FY 2009	2,586	17,543	4,414	0	0	0	350	591	0	25,484

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (48,786.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	785,198.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	116,872.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	49,240.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	83,436.00
g.	REMAINING DEFICIENCY.....	332,014.00
h.	**GRAND TOTAL.....**	**1,366,760.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
112.10	TAXIWAY/TOWER	0 LS	13,650	11/01	03/04
211.06	SQUADRON OPERATIONS FAC (556,419 SF)	51,693 m2	35,590	11/01	03/04
	TOTAL		49,240		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

721.11	BEQ - SHIPBOARD ASHORE (150,695 SF)	14,000 m2	38,146
740.74	CHILD DEVELOP CTR CONSOL (42,065 SF)	3,908 m2	9,023
116.55	ORDNANCE HANDLING PAD (152,858 SF)	14,201 m2	2,388
721.11	BEQ - SHIPBOARD ASHORE (135,894 SF)	12,625 m2	31,296
* 310.27	ENVIRONMENTAL LABORATORY (11,108 SF)	1,032 m2	2,583
	TOTAL		83,436

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA	Commander, Pacific Fleet	1.19

(...continued)

c. R&M Unfunded Requirement ($000): $ 210,778

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. Supports Helicopter Airlift Squadrons, Reserve Squadrons, anti-submarine warfare (ASW) Helicopter Squadrons, Submarine Development Group, Carrier-Based ASW Squadrons, Deep Submergence Vehicles, Carrier-Based ASW Helicopter Squadrons, Commander, Naval Air Forces, Naval Aviation Depot, Helicopter fixed wings, ASW Training Squadrons, Carrier On-Board Delivery. Squadron and Aircraft Carrier Homeport.

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

a. Pollution Abatement (*): $ 2,583

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246	4. Project Title
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA	TAXIWAY AND AIR TRAFFIC CONTROL TOWER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	112.10	748	13,650

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
TAXIWAY AND AIR TRAFFIC CONTROL TOWER	LS	-	-	9,870
DUAL TAXIWAY 2-EAST (8,002 LF)	m	2,439	3,290	(8,020)
AIR TRAFFIC CONTROL TOWER (4,908 SF)	m2	456	2,982	(1,360)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
INFORMATION SYSTEMS	LS	-	-	(30)
BUILT-IN EQUIPMENT	LS	-	-	(320)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	1,970
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(400)
ELECTRICAL UTILITIES	LS	-	-	(560)
MECHANICAL UTILITIES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(270)
DEMOLITION	LS	-	-	(500)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(110)

SUBTOTAL	-	-	-	11,840
Contingency (5.0%)	-	-	-	590

TOTAL CONTRACT COST	-	-	-	12,430
Supervision Inspection & Overhead (6.0%)	-	-	-	750

SUBTOTAL	-	-	-	13,180
DESIGN/BUILD - DESIGN COST	LS	-	-	470

TOTAL REQUEST	-	-	-	13,650
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a 9-story Air Traffic Control (ATC) Tower plus Tower Cab approximately 38.7 meters (m) high and a 2,439 m long dual concrete taxiway. Includes painting of taxiway markings, site work, relocation of utilities and supporting facilities. Built-in equipment includes computer flooring and elevator. Special construction features include pile foundation. Project also includes electrical and mechanical utilities, fiber optic cable between Control Tower and existing Air Operations Buildings 516 and 793, paving, site improvements, anti-terrorism/force protection, and demolition of the existing 250 square meters (2690 square

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
TAXIWAY AND AIR TRAFFIC CONTROL TOWER	748

(...continued)
feet) Control Tower. Project relocates existing Ready Service Locker compound from project site. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

This project constructs a new Air Traffic Control Tower and a concrete dual taxiway, replacing the existing inadequate Air Traffic Control Tower, and existing single-direction Taxiway 2-East at Naval Air Station (NAS) North Island. (Current mission)

REQUIREMENT:

Construction of a new Air Traffic Control Tower is required to provide controllers with visual access to all runways and taxiways. Construction of a dual taxiway is required in order to safely and efficiently support concurrent inbound and departing aircraft operations. Current existing inadequate taxiways must be replaced, and significant aircraft hazards due to motor vehicle (cars and trucks) crossing of active taxiways must be eliminated.

(NOTE: Existing inadequate Taxiway 2-North will be closed, and all vehicular crossing of active taxiways will be eliminated as a result of this project.)

CURRENT SITUATION:

Currently, air traffic controllers at NAS North Island lack visual access to approximately 35% of existing taxiways. This results in reduced safety and less efficient control of aircraft on taxiways. Over the past 10 years, this lack of visual control failed to prevent two collisions between taxiing aircraft and vehicles, which could have been avoided if air traffic controllers had remained in visual contact with the aircraft involved. The movement of aircraft on the taxiways that are not visible to controllers could result in similar accidents between aircraft. Also, the lack of visual contact with taxiing aircraft results in slower, less efficient movement of aircraft on taxiways since controllers must delay other aircraft until they regain visual contact. In addition, the existing air traffic control cab is too small, resulting in a noisy, overcrowded working environment for controllers. This causes excessive

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
TAXIWAY AND AIR TRAFFIC CONTROL TOWER	748

(...continued)

distraction and stress for the controllers, with the obvious impacts on their concentration, efficiency and effectiveness.

Currently, inbound and departing aircraft must travel on single-direction taxiways to and from the S-3, C-2, and C-9 hangars, the air terminal, and the transient aircraft parking area. This single-direction taxiway availability causes delays by denying the capability for concurrent inbound and departing aircraft operations. Also, the existing taxiways are crossed at several locations by primary vehicle access roads (cars and trucks) unrelated to aircraft operations. Over the past 10 years, this has resulted in two collisions between taxiing aircraft and motor vehicles. The existing Taxiway 2-East is severely deteriorated and lacks the structural capacity to safely support heavy aircraft. Taxiway 2-North, the other taxiway accessing this area, completely lacks the structural capacity to support heavy aircraft loads.

IMPACT IF NOT PROVIDED:

Conducting operations in the existing tower will result in the continued lack of visual control of taxiing aircraft on approximately 35% of the taxiways. This condition will result in reduced aircraft safety and less efficient control of aircraft operations. Failure to provide an adequately sized air traffic control cab will continue the noisy, overcrowded working environment for Controllers. These conditions all combine to provide a less safe, less efficient airfield operation. Continued aircraft operations conducted on Taxiways 2-East and 2-North will ultimately result in pavement failure. Spalling of taxiway pavement initially creates potential Foreign Object Damage (FOD) to aircraft engines, and ultimately pavement failure will result in damage to the basic structure of the aircraft (wheel struts, wings, and fuselage). Continued motor vehicle (cars and trucks) access across active taxiways will ultimately result in more accidents between vehicles and aircraft. Efficiency and effectiveness of aircraft operations will continue to be detrimentally affected due to the lack of capability to conduct simultaneous inbound and departing flight operations.

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. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
TAXIWAY AND AIR TRAFFIC CONTROL TOWER	748

(...continued)

(1) Status:
- (A) Date Design Started..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 365
- (B) All Other Design Costs..... 122
- (C) Total..... 487
- (D) Contract..... 122
- (E) In-House..... 365

(4) Contract Award..... 11/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 04/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: CDR JORGE RIOS Phone No: (619) 545-1113

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246	4. Project Title
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA	SQUADRON OPERATIONS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702876N	211.06	751	35,590

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SQUADRON OPERATIONS FACILITY (556,419 SF)	m2	51,693	-	25,250
MAINTENANCE HANGAR CREW AND EQUIPMENT SPACE (23,788 SF)	m2	2,210	2,595	(5,730)
ALTER/RENOVATE HANGAR SQUADRON SPACES (61,204 SF)	m2	5,686	809	(4,600)
HANGAR ROOF REPAIR (148,865 SF)	m2	13,830	201	(2,790)
HANGAR STRUCTURE SEISMIC UPGRADE (107,521 SF)	m2	9,989	510	(5,100)
FIRE PROTECTION SYSTEM IN HANGAR FLOOR (107,521 SF)	m2	9,989	392	(3,920)
HANGAR LIGHTING AND FIRE PROTECTION UPGRADE (107,521 SF)	m2	9,989	111	(1,110)
BUILT-IN EQUIPMENT	LS	-	-	(50)
INFORMATION SYSTEMS	LS	-	-	(280)
SPECIAL COSTS	LS	-	-	(1,510)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(60)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	5,620
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,000)
ELECTRICAL UTILITIES	LS	-	-	(430)
MECHANICAL UTILITIES	LS	-	-	(960)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,260)
DEMOLITION	LS	-	-	(960)
ANTI-TERRORISM/FORCE PROTECTION (SITE)	LS	-	-	(10)

SUBTOTAL	-	-	-	30,870
Contingency (5.0%)	-	-	-	1,540

TOTAL CONTRACT COST	-	-	-	32,410
Supervision Inspection & Overhead (6.0%)	-	-	-	1,940

SUBTOTAL	-	-	-	34,350
DESIGN/BUILD - DESIGN COST	LS	-	-	1,240

TOTAL REQUEST	-	-	-	35,590
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
SQUADRON OPERATIONS FACILITY	751

(...continued)

10. Description of Proposed Construction

Construct a two-story squadron operational facility and provide alterations/renovations to the existing Hangar 340 Helicopter Squadron Crew/Equipment/Administrative spaces; upgrade hangar overhead bay lighting and fire protection (hangar ceiling); install embedded floor nozzle fire protection system in hangar floor slab; provide seismic upgrade to hangar structure; and repair the hangar roof. Primary facilities costs also include special costs (sound attenuation and additional seismic construction), telecommunications, built-in equipment (elevator), and anti-terrorism/force protection provisions. Supporting facilities include special construction features (pile foundation), electrical and mechanical utilities, paving and site improvements, storm water management, removal of hydrocarbon impacted soils, temporary facilities for squadron crew and equipment during the construction period, demolition of existing, deteriorated metal squadron crew and equipment buildings (building numbers: 202, 203, 204, 302, 303, 336, 337, 353, 354, 355, 365, and 366 - totaling 1,249 M2 to be demolished), and anti-terrorism exterior security improvements. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 51,693 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project will construct a Squadron Operational Facility (squadron crew/equipment space) adjacent to Hangar 340, and will provide extensive alterations/reconstruction to the existing Hangar 340 squadron crew/equipment/administrative spaces. (Current mission)

REQUIREMENT:

Construction of an integrated Squadron Operational Facility is required to consolidate squadron crew/equipment support facilities from 14 inadequate, scattered, temporary, metal buildings into a single adequate facility adjacent to the Hangar. These spaces are normally contained within modern hangars, thereby providing efficient access to the hangar overhead bay aircraft maintenance areas.

In addition, alteration and reconstruction of the existing substandard WWII-era Hangar 340 squadron crew/equipment/administrative spaces is required in order to provide appropriate facilities to adequately support the personnel assigned to aircraft squadrons located in this facility.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
SQUADRON OPERATIONS FACILITY	751

(...continued)

The upgrading of the existing fire protection system is required for the adequate protection of high value aircraft, equipment, components, and squadron personnel.

Improvements to the hangar lighting in the high-bay area are required for the safety and efficiency of aircraft maintenance operations conducted in Hangar 340. Seismic upgrade of this WWII hangar is required for the safety and protection of the aircraft and squadron personnel located in this hangar. Repair of the hangar roof is required due to the deteriorated condition.

CURRENT SITUATION:

Currently, the helicopter squadrons HC-3 and HC-11 and the other helicopter squadrons assigned to Hangar 340 lack sufficient squadron crew/equipment space. HC-3 and HC-11 crew/equipment spaces currently reside outside of Hangar 340 within 14 inadequate, scattered, temporary, metal buildings that lack proper utilities. Those squadrons within Hangar 340 work within a WWII-era facility, which was constructed in 1941 prior to establishment of current Maintenance Hangar standards for modern aircraft. The existing squadron spaces within Hangar 340 are structurally substandard, lack seismic protection, have insufficient and inadequate heads, showers and locker spaces, and are constructed of a combination of plywood with some masonry temporary walls. The high-bay maintenance areas have inadequate fire protection and lighting, causing potentially hazardous working conditions as well as inefficiencies in maintenance operations. These conditions within Hangar 340 and the 14 inadequate, temporary metal buildings cause inefficiencies in squadron operations and undermine squadron morale.

IMPACT IF NOT PROVIDED:

The lack of adequate squadron crew/equipment/administrative spaces will result in continued unsafe working conditions, inefficiencies in squadron maintenance operations, and will undermine squadron morale and retention of Fleet personnel. Lack of adequate fire protection and lighting systems in this seismically inadequate hangar will prolong both unsafe and inefficient aircraft maintenance operations. Maintenance of multiple inadequate, scattered, temporary, metal facilities will continue to be a burden on scarce facility maintenance funds.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
SQUADRON OPERATIONS FACILITY	751

(...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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 953
- (B) All Other Design Costs..... 318
- (C) Total..... 1271
- (D) Contract..... 318
- (E) In-House..... 953

(4) Contract Award..... 12/03

(5) Construction Start..... 04/04

(6) Construction Completion..... 04/06

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis;

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00246
NAVAL AIR STATION NORTH ISLAND SAN DIEGO, CALIFORNIA

4. Project Title	7. Project Number
SQUADRON OPERATIONS FACILITY	751

(...continued)
however, the scope of the project is based on Navy requirements.

Activity POC: CDR JORGE RIOS Phone No: (619) 545-1113

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68937	4. Command	5. Area Constr Cost Index
NAVAL AIR WEAPONS STATION SAN NICHOLAS ISLAND, CALIFORNIA	Naval Air Systems Command	1.9

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	105	570	3,004	0	0	0	55	65	0	3,799
b. End FY 2009	140	707	3,402	0	0	0	65	100	0	4,414

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,133.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	534,457.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	6,900.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	6,150.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	0.00
h.	**GRAND TOTAL.....**	**547,507.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.21	BACH ENL QTRS-TRANS E1/E4 (8,321 SF)	773 m2	6,150	11/01	03/04
	TOTAL		6,150		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

None

c. R&M Unfunded Requirement ($000): $ 10,639

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.

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68937	4. Command	5. Area Constr Cost Index
NAVAL AIR WEAPONS STATION SAN NICHOLAS ISLAND, CALIFORNIA	Naval Air Systems Command	1.9

(...continued)

Block 6 Personnel Strength numbers and block 7 a through c are Inventory Data for the Host UIC N60530 NAVAIRWPNSTA China Lake.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68937	4. Project Title
NAVAL AIR WEAPONS STATION SAN NICOLAS ISLAND, CALIFORNIA	TRANSIENT QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202276N	721.21	268	6,150

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
TRANSIENT QUARTERS (8,321 SF)	m2	773	-	3,140
BACHELOR ENLISTED QUARTERS (8,321 SF)	m2	773	3,840	(2,970)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
SPECIAL COSTS	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(40)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	2,190
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(200)
ELECTRICAL UTILITIES	LS	-	-	(400)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,050)
DEMOLITION	LS	-	-	(200)
ENVIRONMENTAL MITIGATION	LS	-	-	(120)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(140)

SUBTOTAL	-	-	-	5,330
Contingency (5.0%)	-	-	-	270

TOTAL CONTRACT COST	-	-	-	5,600
Supervision Inspection & Overhead (6.0%)	-	-	-	340

SUBTOTAL	-	-	-	5,940
DESIGN/BUILD - DESIGN COST	LS	-	-	210

TOTAL REQUEST	-	-	-	6,150
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a one-story, 16 room, ''2+0'' standard facility (48.5 gross sq meters per module) for enlisted, officers, contractor personnel and classified Department of Defense civilians, composed of reinforced concrete masonry unit with slab on grade and spread footings foundation. Includes exterior fiberglass doors, high-grade stainless steel hardware with magnetic door locks, downspouts and gutters of high-grade stainless steel construction, vinyl windows, temporary utilities drops/stub outs, and temporary mobile trailers for berthing for workers. Facility will include a recreational area with court equipment, fire protection, cable

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68937
NAVAL AIR WEAPONS STATION SAN NICOLAS ISLAND, CALIFORNIA

4. Project Title	7. Project Number
TRANSIENT QUARTERS	268

(...continued)
television, information systems, electrical utilities upgrade, associated wiring, switches, outlets, plumbing, heating, ventilation and air conditioning. Demolition of an abandoned concrete vault with steam line, concrete slabs, building #2 (405 M2) and building #99 (595 M2), and the removal/disposal of asbestos and lead remediation will be required. All debris will be removed from the island. Anti-Terrorism/Force Protection features and technical operating manuals will be included. Special costs include seismic construction and barge costs. Special construction features include contractors berthing site and use of corrosion resistant materials. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 140 PN Adequate: 98 PN Substandard: 0 PN

PROJECT:

This project will provide berthing for military/civilian personnel at this remote island location who assist Naval Air System Command in the research, development, testing and evaluation of weapons and weapons systems developed in support of the fleet. (Current mission)

REQUIREMENT:

This project is required to provide adequate berthing on this remote island. San Nicolas Island (SNI) is a remote government owned, offshore location, 65 miles by sea from mainland port facilities, without access to public facilities. All personnel, materials and supplies are transported by air or barge. Housing and food services must be provided to all military and civilian personnel assigned to working on SNI. Civilian personnel include civilians permanently assigned to SNI, civilian personnel temporarily assigned to weapons systems test and evaluation programs staged from SNI, contractor personnel on short term and long term projects, visitors, and station personnel staying overnight due to project requirements or transportation deficiencies. SNI is used exclusively for test programs and training.

CURRENT SITUATION:

Currently, the buildings this project replaces are rated as substandard, marginally meeting the demands of the mission, but with major difficulty. The Chief of Naval Operations has directed that communal restrooms be eliminated from bachelor housing facilities by FY 2005. Most of the

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68937
NAVAL AIR WEAPONS STATION SAN NICOLAS ISLAND, CALIFORNIA

4. Project Title	7. Project Number
TRANSIENT QUARTERS	268

(...continued)

existing bachelor quarters have been repaired, reconfigured and upgraded to comply with the Tri-Service bachelor quarter's construction standards. These two existing BQ buildings have deteriorated to a condition where repair is not an economical or practical solution. Constructed in 1971, Bachelor Quarters 99 is a temporary modular facility that was originally constructed for and by a contractor with individual rooms and baths, lounge and laundry facilities, all served by a common hallway. Bachelor Quarters 2 is 1943 wood construction with communal restroom facilities and small individual sleeping rooms. There is a small lounge, laundry facilities and a common central hallway.

IMPACT IF NOT PROVIDED:

Continued deterioration of the two existing facilities will result in a loss of function and the facilities will be unsuitable for housing. As there is no other source of housing at SNI, the ability to house military and civilian personnel assigned to SNI will be seriously impacted. There is currently an adverse effect on personnel occupying these deteriorated facilities, and it will continue as deterioration continues. Daily commuting is not a viable option.

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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68937
NAVAL AIR WEAPONS STATION SAN NICOLAS ISLAND, CALIFORNIA

4. Project Title	7. Project Number
TRANSIENT QUARTERS	268

(...continued)

(A) Production of Plans and Specifications..... 165
(B) All Other Design Costs..... 55
(C) Total..... 220
(D) Contract..... 55
(E) In-House..... 165

(4) Contract Award..... 11/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 03/05

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$500,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$500,000

E. Future Unaccompanied Housing R&M Requirements:
$1,132,000

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LT DONNA KIMBALL Phone No: (760)939-3412

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399	4. Command	5. Area Constr Cost Index
MARINE AIR-GROUND TASK FORCE TNG CENTER TWENTYNINE PALMS, CALIFORNIA	Commandant of the Marine Corps	1.35

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	102	683	706	55	2,093	0	527	6,842	689	11,697
b. End FY 2009	90	544	613	22	2,261	1	702	8,120	1,142	13,495

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (606.00)	
b.	INVENTORY TOTAL AS OF 16 Jan 2003.....	536,778.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	62,440.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	28,390.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	34,689.00
g.	REMAINING DEFICIENCY.....	779,820.00
h.	**GRAND TOTAL.....**	**1,442,117.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
143.20	EXPLOSIVE ORDNANCE OPS (6,792 SF)	631 m2	2,290	09/01	03/04
721.24	BACHELOR ENLISTED QUARTERS (87,834 SF)	8,160 m2	26,100	09/01	03/04
	TOTAL		28,390		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

722.10	ENLISTED DINING FAC (22,001 SF)	2,044 m2	10,934	
* 730.82	WASTE HNDLNG & RECOVRY FAC	0 LS	5,132	
171.10	STUDENT INDEPENDENT STUDY	0 LS	2,331	
217.10	OPERATIONAL TRAINING CTR	0 LS	11,729	
730.10	FIRE STA/PROVOST MARSHALL	0 LS	4,563	
	TOTAL		34,689	

c. R&M Unfunded Requirement ($000): $ 43,400

10. Mission Or Major Functions:

To provide housing, training facilities, logistical, and administrative support for Fleet Marine Force units and other organizations or activities designated by the Commandant of the Marine Corps. To provide combined arms

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399	4. Command	5. Area Constr Cost Index
MARINE AIR-GROUND TASK FORCE TNG CENTER TWENTYNINE PALMS, CALIFORNIA	Commandant of the Marine Corps	1.35

(...continued)

training for Fleet Marine Force units, both active and reserve. To provide formal school training for personnel in the field of communications-electronics and conduct other schools and training as directed by the Commandant of the Marine Corps.

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

a. Pollution Abatement (*): $5,132

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399	4. Project Title
MARINE AIR GROUND TASK FORCE TRNG CEN TWENTYNINE PALMS, CALIFORNIA	EXPLOSIVE ORDNANCE OPERATIONS CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	143.20	426	2,290

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
EXPLOSIVE ORDNANCE OPERATIONS CENTER (6,792 SF)	m2	631	-	1,550
ORDNANCE OPERATIONS BUILDING (6,792 SF)	m2	631	2,233	(1,410)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	440
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(130)
ELECTRICAL UTILITIES	LS	-	-	(100)
MECHANICAL UTILITIES	LS	-	-	(30)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(160)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(20)

SUBTOTAL	-	-	-	1,990
Contingency (5.0%)	-	-	-	100

TOTAL CONTRACT COST	-	-	-	2,090
Supervision Inspection & Overhead (6.0%)	-	-	-	130

SUBTOTAL	-	-	-	2,220
DESIGN/BUILD - DESIGN COST	LS	-	-	70

TOTAL REQUEST	-	-	-	2,290
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a single story reinforced Concrete Masonry Unit (CMU) ordnance operations building with seismic upgrades, concrete foundation and floor, structural steel framing, and standing seam metal roof over steel trusses. Project will provide administrative area, maintenance bays with roll up doors, security area for document storage, workshop, and equipment storage area, personnel and classroom spaces. Special construction features include seismic construction. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include fire alarms, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399
MARINE AIR GROUND TASK FORCE TRNG CEN TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
EXPLOSIVE ORDNANCE OPERATIONS CENTER	426

(...continued)
systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers including a leach field, electrical, telephone, and Local Area Network (LAN)). Paving and site improvements include a reinforced concrete paved organizational equipment storage yard, exterior site and building lighting, paved parking, sidewalks, roadway access, earthwork, grading and site drainage, landscaping and fencing. The facility will be constructed in seismic zone four. Also includes Technical Operating Manuals and Anti-Terrorism/Force Protection features.

11. Requirement: 631 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Project will construct an Ordnance Operations Building for the Explosive Ordnance Disposal Team at Marine Air Ground Task Force Training Center (MAGTFTC) Twentynine Palms, California. (Current mission)

REQUIREMENT:

Project is required to provide a permanent and adequate facility for conducting explosive ordnance operation and training requirements including administrative area, security area for document storage, workshop and maintenance area, equipment storage area, personnel and classroom spaces necessary to support the Combined Arms Exercise Training program.

CURRENT SITUATION:

The explosive ordnance team is currently located in building 1306 in the inhabited area of MAGTFTC. The 465 m2, pre-engineered metal building was constructed in 1953 with minimum insulation and is too small to accommodate the present operational functions identified in the unit mission statement. Additions to the building are impossible without encroaching upon the surrounding facilities and creating a fire and safety hazard. There is no space for parking and securing operating/supporting equipment.

IMPACT IF NOT PROVIDED:

Explosive Ordnance Disposal will continue to work and train in adverse conditions and from various remote locations. The excessive

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399
MARINE AIR GROUND TASK FORCE TRNG CEN TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
EXPLOSIVE ORDNANCE OPERATIONS CENTER	426

(...continued)
transportation of equipment to and from various working locations will place the equipment in risk of damage or loss. The movement of the equipment will also waste available training time. Training capabilities will continue to be severely restricted.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 62
- (B) All Other Design Costs..... 21
- (C) Total..... 83
- (D) Contract..... 21
- (E) In-House..... 62

(4) Contract Award..... 10/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/04

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399
MARINE AIR GROUND TASK FORCE TRNG CEN TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
EXPLOSIVE ORDNANCE OPERATIONS CENTER	426

(...continued)

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: MR. JOEL VONEIDA Phone No: (760) 830-5188

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399	4. Project Title
MARINE AIR GROUND TASK FORCE TRNG CTR TWENTYNINE PALMS, CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	721.24	605	26,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS (87,834 SF)	m2	8,160	-	18,270
BACHELOR ENLISTED QUARTERS (87,834 SF)	m2	8,160	2,161	(17,630)
INFORMATION SYSTEMS	LS	-	-	(390)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(190)
SUPPORTING FACILITIES	LS	-	-	4,370
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(670)
ELECTRICAL UTILITIES	LS	-	-	(1,690)
MECHANICAL UTILITIES	LS	-	-	(140)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,400)
DEMOLITION	LS	-	-	(170)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(300)

SUBTOTAL	-	-	-	22,640
Contingency (5.0%)	-	-	-	1,130

TOTAL CONTRACT COST	-	-	-	23,770
Supervision Inspection & Overhead (6.0%)	-	-	-	1,430

SUBTOTAL	-	-	-	25,200
DESIGN/BUILD - DESIGN COST	LS	-	-	900

TOTAL REQUEST	-	-	-	26,100
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a multi-story reinforced concrete masonry Bachelor Enlisted Quarters (BEQ) building with seismic upgrades, concrete foundation and floors, and standing seam metal roofing, providing 192 rooms with semi-private bathrooms in the standard 2X0 room configuration. Community, and service core areas consist of laundry facilities, lounges, administrative offices, multi-purpose rooms, housekeeping areas and public restrooms. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Special construction features include seismic construction. Electrical systems include upgrading electrical distribution system, fire alarms, energy saving

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399
MARINE AIR GROUND TASK FORCE TRNG CTR TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	605

(...continued)

electronic monitoring and control system (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and Cable Television (CATV)). Paving and site improvements include paved parking, sidewalks, outdoor recreation facilities, roadways access, earthwork, grading and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and demolition of buildings 1425 and 1426.

Rooms: 192 two person rooms.
Maximum utilization: 384 E1-E3.
Intended Grade Mix: 384 E1-E3.
Total: 384 persons.

11. Requirement: 7,724 PN Adequate: 4,344 PN Substandard: 2,126 PN

PROJECT:

Constructs bachelor enlisted quarters using the new 2x0 configuration and replaces an equipment rental center that must be demolished on the construction site. (Current mission)

REQUIREMENT:

This project is needed to replace inadequate gang-head configured billeting for enlisted personnel at Marine Air Ground Task Force Training Center (MAGTFTC) Twentynine Palms. This project supports the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with the new 2x0 configured barracks.

CURRENT SITUATION:

Current billeting requirements have exceeded maximum available capacity. The existing buildings are configured in the 3x2x1 room configuration. They were modified from open-bay barracks and have retained the gang head and shower configuration. Currently three to four bachelor enlisted personnel share a 3x2x1 room. This overcrowding is a detriment to the Marine's quality of life. These buildings were constructed in 1953 and are not in compliance with current life, safety, fire, seismic and quality of life standards and do not meet basic Anti-Terrorism/Force Protection standards.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399
MARINE AIR GROUND TASK FORCE TRNG CTR TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	605

(...continued)
IMPACT IF NOT PROVIDED:

Marines will continue to be billeted in crowded, inadequate, and unsafe buildings. They will endure a lower quality of life to the detriment of morale and retention efforts. Unit cohesion will continue to be undermined.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 698
- (B) All Other Design Costs..... 233
- (C) Total..... 931
- (D) Contract..... 233
- (E) In-House..... 698

(4) Contract Award..... 10/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/05

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67399
MARINE AIR GROUND TASK FORCE TRNG CTR TWENTYNINE PALMS, CALIFORNIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	605

(...continued)

C. FY 2002 Unaccompanied Housing R&M Conducted:
$600,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$5,900,000

E. Future Unaccompanied Housing R&M Requirements:
$16,800,000

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.

Activity POC: MR. JOEL VONEIDA Phone No: (760) 830-5188

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67029	4. Command	5. Area Constr Cost Index
MARINE BARRACKS 8TH & I WASHINGTON, DISTRICT OF COLUMBIA	Commandant of the Marine Corps	0.98

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	39	994	46	0	0	0	0	30	0	1,109
b. End FY 2009	52	942	59	0	0	0	0	200	0	1,253

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (5.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	9,509.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	11,400.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,550.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	4,722.00
h.	**GRAND TOTAL.....**	**27,181.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
610.10	MOTOR TRANSPORT FAC ADDN (4,263 SF)	396 m2	1,550	09/01	03/04
	TOTAL		1,550		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

None

c. R&M Unfunded Requirement ($000): $ 200

10. Mission Or Major Functions:

To provide administrative support for Marine Corps personnel assigned to Headquarters Marine Corps, other departments and agencies of the federal government, joint schools within the Washington Metropolitan Area, and to provide Marine Corps Security forces for the Department of the Navy in the Washington Metropolitan Area.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67029	4. Project Title
MARINE BARRACKS, 8TH & I WASHINGTON, D.C.	MOTOR TRANSPORT FACILITY ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	610.10	901	1,550

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
MOTOR TRANSPORT FACILITY ADDITION (4,263 SF)	m2	396	-	920
VEHICLE MAINTENANCE ADMIN OFFICES (4,263 SF)	m2	396	1,722	(680)
BUILT IN EQUIPMENT	LS	-	-	(20)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SPECIAL COSTS	LS	-	-	(140)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(40)
SUPPORTING FACILITIES	LS	-	-	420
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(140)
ELECTRICAL UTILITIES	LS	-	-	(60)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(130)
DEMOLITION	LS	-	-	(10)
ENVIRONMENTAL MITIGATION	LS	-	-	(10)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(20)

SUBTOTAL	-	-	-	1,340
Contingency (5.0%)	-	-	-	70

TOTAL CONTRACT COST	-	-	-	1,410
Supervision Inspection & Overhead (6.0%)	-	-	-	80

SUBTOTAL	-	-	-	1,490
DESIGN/BUILD - DESIGN COST	LS	-	-	60

TOTAL REQUEST	-	-	-	1,550
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a single story concrete and masonry building addition with a reinforced concrete slab on pile foundation, combination reinforced Concrete Masonry Unit (CMU) and metal panel wall, and built-up roof over structural steel frame to match existing building for a motor transport facility. Special construction features include pile foundation. Special costs include building seaming and covered walkways. The facility provides administrative spaces, storage, locker rooms, restrooms, assembly

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67029
MARINE BARRACKS, 8TH & I WASHINGTON, D.C.

4. Project Title	7. Project Number
MOTOR TRANSPORT FACILITY ADDITION	901

(...continued)

area/lounge, and shop space connected to existing drive through vehicle maintenance bays. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes wardrobe lockers and stackable washers/dryers. Electrical systems include electric feed from existing switchboard to addition, fire alarms, exterior site and building lighting, information systems, telephone, and energy saving electronic monitoring and control system (EMCS). Mechanical systems include plumbing, wet-pipe sprinkler system, and heating ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, and Local Area Network (LAN)). Pavement and site improvements include paved parking and sidewalks, storm drainage, earthwork, grading, and landscaping. Project also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, environmental mitigation, and required demolition to existing facility.

11. Requirement: 396 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Provide adequate Motor Transport Facility for Marine Barracks, 8th and I, collocated with Naval District Washington Motor Transport Facilities. Collocation will take advantage of existing wash racks, fuel and other ancillary support and reduces the construction requirement for the Marine Corps portion of the Motor Transport facility. (Current mission)

REQUIREMENT:

Marine Barracks, 8th & I requires a Motor Transport facility in order to support and maintain 53 pieces of garrison mobile equipment that include sedans, buses, vans, mini-vans, cargo and pick-up trucks, and the 40 Marines that maintain and operate the equipment. The unit conducts 24-hour operations, 7 days per week; annual vehicle usage totals almost 350,000 miles. Varying mission requirements also require the Marines to maintain a full complement of uniforms and appropriate civilian clothing on site. In addition, the Barracks requires seasonal bleacher storage.

CURRENT SITUATION:

Since June 1992 the Motor Transport Section of the Marine Barracks, 8th & I, has leased temporary space in Building 29 at Naval Station Anacostia.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67029
MARINE BARRACKS, 8TH & I WASHINGTON, D.C.

4. Project Title	7. Project Number
MOTOR TRANSPORT FACILITY ADDITION	901

(...continued)

The facilities require asbestos abatement; have no sprinkler system, no enclosed maintenance bays, no secure parking, and no secure storage for seasonal bleachers. There is a single restroom and ''hand-made'' office and locker room. The facilities are dilapidated, leak and are in an abysmal state of repair. Renovation is not economically feasible.

IMPACT IF NOT PROVIDED:

Without this facility, ceremonial and operational support for Military Funerals, the White House, Congress, Naval District Washington, and the Military District of Washington will function in a degraded mode. Timely performances by ceremonial units such as the ''President's Own'' Marine Band, the Silent Drill Platoon, and the ''Commandant's Own'' Drum and Bugle Corps will continue to be jeopardized by the uncertainty of adequate vehicle support.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 41
- (B) All Other Design Costs..... 14
- (C) Total..... 55
- (D) Contract..... 14
- (E) In-House..... 41

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67029
MARINE BARRACKS, 8TH & I WASHINGTON, D.C.

4. Project Title	7. Project Number
MOTOR TRANSPORT FACILITY ADDITION	901

(...continued)

(4) Contract Award..... 10/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/04

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: MAJOR ED MAYS Phone No: (202) 433-6269

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00207	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION JACKSONVILLE, FLORIDA	Commander, Atlantic Fleet	0.93

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,561	6,958	5,808	0	0	0	166	521	0	15,014
b. End FY 2009	1,621	7,334	5,863	0	0	0	166	521	0	15,505

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (24,673.00)	
b.	INVENTORY TOTAL AS OF 31 May 2002.....	405,590.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	7,170.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,190.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	24,899.00
g.	REMAINING DEFICIENCY.....	137,149.00
h.	**GRAND TOTAL.....**	**577,998.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
872.10	AIRFLD PERIM SECURTY ENHAN (67,274 LF)	20,505 m	3,190	06/02	06/04
	TOTAL		3,190		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

610.10	CONSOLIDATED OPER SUPT FAC (62,237 SF)	5,782 m2	11,574
113.20	AIRCRAFT PARKING APRON (846,495 SF)	78,642 m2	11,535
911.10	LAND PURCHASE	0 LS	1,790
	TOTAL		24,899

c. R&M Unfunded Requirement ($000): $ 119,000

10. Mission Or Major Functions:

This activity is homeport for land-based, anti-submarine warfare (ASW) squadrons (P-3) and all east coast carrier-based ASW helicopter squadrons (SH-3/SH-60F). Provides support to the Naval Aviation Depot and a Naval Hospital. Supports Land-Based ASW Squadrons, Naval Aviation Depot Helicopter ASW Squadrons, Naval Air Reserve Unit Two Fleet Readiness

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00207	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION JACKSONVILLE, FLORIDA	Commander, Atlantic Fleet	0.93

(...continued)

Squadrons, Naval Regional Medical Center.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00207	4. Project Title
NAVAL AIR STATION JACKSONVILLE, FLORIDA	AIRFIELD SECURITY ENHANCEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202576N	872.10	268	3,190

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRFIELD SECURITY ENHANCEMENTS	EA	26	-	1,090
SECURITY FLIGHTLINE FENCING	LS	-	-	(920)
FLIGHTLINE GATES (MOTORIZED)	EA	6	10,000	(60)
FLIGHTLINE GATES (NON-MOTORIZED)	EA	20	5,000	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
SUPPORTING FACILITIES	LS	-	-	1,680
ELECTRICAL UTILITIES	LS	-	-	(1,170)
SITE IMPROVEMENTS	LS	-	-	(510)
SUBTOTAL	-	-	-	2,770
Contingency (5.0%)	-	-	-	140
TOTAL CONTRACT COST	-	-	-	2,910
Supervision Inspection & Overhead (6.0%)	-	-	-	170
SUBTOTAL	-	-	-	3,080
DESIGN/BUILD - DESIGN COST	LS	-	-	110
TOTAL REQUEST	-	-	-	3,190
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Project will construct a new controlled access fence around portions of the Naval Air Station (NAS) Jacksonville airfield. The new fence is to be equipped with card access-controlled sliding motorized gates and intrusion detection systems (IDS) with surveillance cameras and remote monitoring capability (IDS equipment to be funded with OPN funds). Fencing shall be high-security, 7 feet high, cyclone, and chain link fence with 1-1/2 foot outriggers mounting 3 barbed wire strands. Remotely monitored gates are hardened equal to or greater than the fencing. Project will also provide electrical power and communications for two existing observation towers used for airfield security monitoring and two existing observation towers (Black Point and south-end) on the St. Johns River for monitoring the Station's boundary with the river. Supporting facilities include utilities and communications to support the motorized gates and other security equipment. Project also provides for clearing of all existing vegetation (including wetland areas) between Runway 14-32 and the St.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00207
NAVAL AIR STATION JACKSONVILLE, FLORIDA

4. Project Title	7. Project Number
AIRFIELD SECURITY ENHANCEMENTS	268

(...continued)
Johns River to facilitate unobstructed viewing of the airfield area and perimeter. Sustainable principles will integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 10,291 EA Adequate: 10,265 EA Substandard: 26,168 EA

PROJECT:

Project provides a new airfield flight line security system and waterfront perimeter observation system. (Current mission)

REQUIREMENT:

This project is urgently required to correct large-scale anti-terrorism/force-protection (AT/FP) access control, observation, and monitoring deficiencies around the NAS airfield and the east and north station perimeters along the St. Johns River. Security is primary responsibility of the host activity. Adequate airfield AT/FP provisions are required to meet mission requirements.

CURRENT SITUATION:

Current AT/FP provisions at the NAS Jacksonville airfield and St. Johns River front are inadequate. The current flight line security fencing is comprised of a secondary, controlled access fence within the boundary of the base and a portion of the base perimeter fence. The single-layer chain link perimeter fence does not provide adequate protection for the airfield. None of the fencing is monitored. The four-mile waterfront perimeter of the installation (1.86 miles at the airfield boundary) has no access barriers or monitoring capability to protect waterfront and airfield facilities, aircraft, or personnel from waterside terrorist assaults.

IMPACT IF NOT PROVIDED:

NAS Jacksonville will fail to meet current AT/FP requirements to protect operational assets.

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. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00207
NAVAL AIR STATION JACKSONVILLE, FLORIDA

4. Project Title	7. Project Number
AIRFIELD SECURITY ENHANCEMENTS	268

(...continued)

(1) Status:
- (A) Date Design Started..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 100
- (B) All Other Design Costs..... 17
- (C) Total..... 117
- (D) Contract..... 117
- (E) In-House..... 0

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00207
NAVAL AIR STATION JACKSONVILLE, FLORIDA

4. Project Title	7. Project Number
AIRFIELD SECURITY ENHANCEMENTS	268

(...continued)

Activity POC: JIM MORGAN Phone No: 904-542-2118

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61331	4. Command	5. Area Constr Cost Index
NAVSURFWARCEN COASTAL SYSTEMS STATION PANAMA CITY, FLORIDA	Naval Sea Systems Command	0.8

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	130	834	1,248	0	0	0	35	154	0	2,401
b. End FY 2009	139	929	1,080	0	0	0	47	178	0	2,373

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,112.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	117,103.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	9,960.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	9,550.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	6,419.00
g.	REMAINING DEFICIENCY.....	23,468.00
h.	**GRAND TOTAL.....**	**166,500.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
310.23	LITTORAL WARFARE RESRH CPL	0 LS	9,550	11/01	03/04
	TOTAL		9,550		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

721.22	BACHELOR QTRS TRANSIENT (20,129 SF)	1,870 m2	6,419
	TOTAL		6,419

c. R&M Unfunded Requirement ($000): $ 17,325

10. Mission Or Major Functions:

Support the mission of the Dahlgren Division of the Naval Surface Warfare Center by providing research, development, test and evaluation, and in-service engineering for mine warfare, special warfare, amphibious warfare, diving and other Naval missions that take place primarily in the Coastal Region. Execute other responsibilities as assigned by the Commander, Dahlgren Division, Naval Surface Warfare Center.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61331	4. Project Title
NAVSURFWARCEN COASTAL SYSTEMS STATION PANAMA CITY, FLORIDA	LITTORAL WARFARE RESEARCH COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0806376N	310.23	376	9,550

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
LITTORAL WARFARE RESEARCH COMPLEX	LS	-	-	6,620
SENSOR AND INTEGRATION LABORATORIES (26,544 SF)	m2	2,466	1,640	(4,040)
LABORATORY SUPPORT SPACES (9,365 SF)	m2	870	1,408	(1,220)
COMMUNICATIONS LAB (1,076 SF)	m2	100	4,992	(500)
TEST TANK	EA	1	100,000	(100)
COVERED STORAGE (1,399 SF)	m2	130	452	(60)
MODIFY EXISTING BUILDINGS	LS	-	-	(190)
BUILT-IN EQUIPMENT	LS	-	-	(360)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(150)
SUPPORTING FACILITIES	LS	-	-	1,670
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(260)
ELECTRICAL UTILITIES	LS	-	-	(250)
MECHANICAL UTILITIES	LS	-	-	(350)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(160)
SITE PREPARATIONS	LS	-	-	(240)
DEMOLITION	LS	-	-	(190)
ENVIRONMENTAL MITIGATION	LS	-	-	(150)
SITE ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)
SUBTOTAL	-	-	-	8,290
Contingency (5.0%)	-	-	-	410
TOTAL CONTRACT COST	-	-	-	8,700
Supervision Inspection & Overhead (6.0%)	-	-	-	520
SUBTOTAL	-	-	-	9,220
DESIGN/BUILD - DESIGN COST	LS	-	-	330
TOTAL REQUEST	-	-	-	9,550
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	5,900

10. Description of Proposed Construction

This facility will be a multi-story structure with a structural steel and/or concrete frame, metal and/or built-up roofing and masonry/stucco exterior walls. The complex will have an automatic fire sprinkler system, laboratory space, intrusion detection system, and heating, ventilating and

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61331
NAVSURFWARCEN COASTAL SYSTEMS STATION PANAMA CITY, FLORIDA

4. Project Title	7. Project Number
LITTORAL WARFARE RESEARCH COMPLEX	376

(...continued)
air conditioning system. Interior rearrangements and modifications to eight existing buildings. Built-in equipment includes one elevator, and bridge cranes. Special construction features are piles and grade beams. The facility will be located on the waterfront to provide launch and recovery capabilities for various autonomous and unmanned research platforms. This facility will contain inside laboratories for work on sensors, batteries, guidance, communications, control systems, and support spaces, including covered storage and a test tank. Anti-terrorism/force protection features will be provided for the building and the site. This project will demolish nine buildings for a total area of 2,933 square meters (31,572 square feet) of inadequate facilities. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

This project constructs a unique, consolidated littoral unmanned systems technology and research facility to accommodate the integration, demonstration, and testing of new system concepts for multiple, cooperating, unmanned systems in a cohesive, synergistic environment. (Current mission)

REQUIREMENT:

Adequate facilities are required to support testing and development of unmanned systems technology. The Navy has the mission, when called upon, to project force in all arenas of the ocean environment, including the littoral interface between the deep ocean and shore. The littoral environment places surface ships and Navy personnel in a vulnerable position, susceptible to underwater and terrestrial mines, shore emplacements, reduced maneuvering area, and a hostile natural environment. All future Navy platforms will use unmanned systems to conduct their littoral missions. ''Congress calls for a horde of unmanned systems ... Congress wants DoD to make 1/3 of operation deep strike aircraft unmanned by 2010 ... and to ensure that 1/3 of combat ground vehicles are remotely operated by 2015.'' [Ref: FY2001 Auth. Act, S-2550, Sec. 217, 106th Congress; Out of the Loop by Jason Sherman, July 2000.] Through the utilization of unmanned systems, the exposure of Navy personnel and surface ships could be greatly reduced. To accomplish this feat, emerging technologies must be developed and tested. This type of research will

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61331
NAVSURFWARCEN COASTAL SYSTEMS STATION PANAMA CITY, FLORIDA

4. Project Title	7. Project Number
LITTORAL WARFARE RESEARCH COMPLEX	376

(...continued)

require the use of multiple systems to cover the entire spectrum (underwater, surface, aerial, and ground) of the littoral battlefield, thus creating a ''system of unmanned systems.'' This type of integration has proven successful in other projects, such as the Remote Mine hunting System (A/N-WLD-1) now being introduced to the fleet. Future systems must be smaller and have more capabilities, thus increasing their complexity. This type of research will involve the testing of multiple, cooperating, unmanned systems and ultimately the testing of multiple types of unmanned systems in a cooperative manner. Supporting technologies include specialized sensor package development, navigation/communication interoperability, autonomous control for a cooperating group of systems, and connectivity for automatic data dissemination. A consolidated facility will allow efficient interaction of personnel and systems that is necessary to construct a product that will fully maximize the potential of this emerging technology. This facility will be closely linked to the operational fleet for mission relevance and operational utility, while also being easily accessible by academic institutions and industrial activities that will be developing essential sensing, processing, and system technologies.

CURRENT SITUATION:

Development of emerging technologies in the field of littoral unmanned systems is being hampered at Coastal System Station by the lack of adequate facilities to integrate and test multiple systems prior to major tests. This leads to final assembly and testing processes being conducted dockside or onboard the support vessel. This causes delays in the testing program and added expenditures of having personnel and the ship on standby while final problems are resolved. It is estimated that more than $150,000 per major test is unnecessarily spent due to the inefficiency of these conditions. The current development of multiple systems is being conducted in various isolated facilities scattered across the installation. The interaction between systems designers and engineers of the different systems is being neglected due to the physical separation. In addition, the separation requires the movement of personnel and devices to accommodate interim testing that causes further delays. Multiple sets of specialized and sensitive test equipment are required because they cannot be transported without the need to be recalibrated. The lack of adequate facilities has required that some demonstrations and development be conducted at other installations at a considerable expense to the projects. It is estimated that more than $1,000,000 per year is expended on use of outside facilities, transportation, living expenses, and overtime associated with off-site testing.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61331
NAVSURFWARCEN COASTAL SYSTEMS STATION PANAMA CITY, FLORIDA

4. Project Title	7. Project Number
LITTORAL WARFARE RESEARCH COMPLEX	376

(...continued)
IMPACT IF NOT PROVIDED:

The research in unmanned autonomous systems will continue at Coastal Systems Station in a reduced capacity due to the dysfunctional facility resources. (Consolidation of all aspects of littoral autonomous systems in a state-of-the-art facility will realize an annual cost avoidance of more than $2,000,000.) Systems will continue to be developed for the fleet at a much slower rate and with fewer capabilities. The development of a ''system of unmanned systems'' will proceed in an inefficient manner with the integration and testing being conducted dockside and/or aboard the ship (increased costs). Overall, unmanned systems being developed for the Navy will continue to function as ''stand alone'' systems, thus severely limiting their mission capability. Teaming arrangements with industry and academia in this research area will be curtailed. The objective of removing personnel from ''harm's way'' through the use of unmanned systems will not be met.

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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 255
- (B) All Other Design Costs..... 85
- (C) Total..... 340
- (D) Contract..... 85

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61331
NAVSURFWARCEN COASTAL SYSTEMS STATION PANAMA CITY, FLORIDA

4. Project Title	7. Project Number
LITTORAL WARFARE RESEARCH COMPLEX	376

(...continued)

(E) In-House..... 255

(4) Contract Award..... 11/03

(5) Construction Start..... 02/04

(6) Construction Completion..... 04/05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Various Test Equipment	OPN	2006	5900

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LCDR DAVID ROBINSON Phone No: 850-234-4199

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60508	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION WHITING FIELD, FLORIDA	Chief of Naval Education and Training	0.83

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,115	305	973	0	0	0	23	38	0	2,454
b. End FY 2009	1,168	328	977	0	0	0	23	38	0	2,534

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (11,557.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	91,885.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	13,180.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	4,830.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	2,949.00
g.	REMAINING DEFICIENCY.....	25,826.00
h.	**GRAND TOTAL.....**	**138,670.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
911.10	CLEAR ZONE ACQ (OLF BARIN)	0 LS	4,830		
	TOTAL		4,830		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

872.10	INSTL/RELOCATE PERIM FENCE (84,902 LF)	25,878	m	2,949	
	TOTAL			2,949	

c. R&M Unfunded Requirement ($000): $ 13,923

10. Mission Or Major Functions:

To maintain and operate facilities and provide services and material to support operations of aviation activities and units of the Naval Air Training Command and other activities and units as designated by the Chief of Naval Operations. The Joint Primary Aircraft Training System (JPATS) T-6A Texas II aircraft began replacing the T-34C as the primary and intermediate trainer aircraft in 2002.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60508	4. Project Title
NAVAL AIR STATION WHITING FIELD, FLORIDA	CLEAR ZONE LAND ACQUISITION (OLF BARIN)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0212576N	911.10	243	4,830

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CLEAR ZONE LAND ACQUISITION (OLF BARIN)	LS	-	-	3,950
LAND FOR CLEAR ZONE RUNWAY 27	LS	1	3,568,538	(3,570)
HOME OWNER RELOCATION	LS	1	382,500	(380)
SUPPORTING FACILITIES	LS	-	-	390
SITE PREPARATIONS & FENCING	LS	-	-	(390)
SUBTOTAL	-	-	-	4,340
Contingency (5.0%)	-	-	-	220
TOTAL CONTRACT COST	-	-	-	4,560
Supervision Inspection & Overhead (6.0%)	-	-	-	270
TOTAL REQUEST	-	-	-	4,830
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Acquire interests in approximately 66 acres of land located in clear zone area at Naval Outlying Field (NOLF) Barin off Runway 27, fencing and erosion control for Runways 27 and 15. Provide relocation assistance, and demolition of existing houses. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

This project will provide Clear Zone area at NOLF Barin by land acquisition to include 66 acres off runway 27. (Current mission)

REQUIREMENT:

Adequate clear zones (1000 feet by 3000 feet) are required for the runway in order to provide unobstructed emergency landing area and glide slope for safely training student pilots. Land use controls around airfields are critical to limiting the number of people exposed to excessive noise and potential accidents. Safety criteria for private and military airfields do not allow any structures to be located within the clear zone areas.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60508
NAVAL AIR STATION WHITING FIELD, FLORIDA

4. Project Title	7. Project Number
CLEAR ZONE LAND ACQUISITION (OLF BARIN)	243

(...continued)

The T-34C is being replaced by the Joint Primary Aircraft Training System (JPATS) T-6A (commenced in November 2002). The T-6A is heavier and faster than the T-34C and requires more runway length (4000' vice 3000') for takeoff and landing. The T-6A is also equipped with ejection seats.

NOLF Barin is the cornerstone of JPATS training in the Area One operating area. The field must remain a viable day/night airfield that is free of encroachment off the ends of the runways. The loss of NOLF Barin due to development off the runway ends would severely limit and could jeopardize Training Air Wing FIVE's ability to train aviators. NOLF Barin is the only field in Southwestern Alabama, which can support the T-6A aircraft. Other NOLFs in this area do not meet the minimum runway length requirement of 4000' or do not have crosswind night capability. Loss of this field would also result in a loss of effective training airspace currently being utilized in Southwestern Alabama.

NOLF Barin is located approximately 45 miles southwest of NAS Whiting Field in Baldwin County, Alabama, and approximately two miles east of Foley, Alabama. The airfield's two active runways are used for dual and solo touch-and-go operations and practice precautionary emergency landings (PPELs).

CURRENT SITUATION:

The Navy recently purchased the clear zone for runway 15 and owns 24% of the clear zone for runway 27. The remaining portions of the clear zone, approximately 66 acres are privately owned and NAS Whiting Field does not control its development.

There are 17 parcels of property that are entirely within or partially within the clear zone area for Runway 27. Thirteen of these parcels have been improved in the last five years with single-family dwellings.

The population along the entire Gulf Coast has been steadily increasing over the past several decades and currently; Baldwin County is the fastest growing county in the State of Alabama. With this increase in population comes increased development, which is encroaching on the Navy's airfields in the Gulf Coast area. At NOLF Barin, the local government has no zoning to limit development around the airfield.

IMPACT IF NOT PROVIDED:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60508
NAVAL AIR STATION WHITING FIELD, FLORIDA

4. Project Title	7. Project Number
CLEAR ZONE LAND ACQUISITION (OLF BARIN)	243

(...continued)

Navy does not control properties impacting the clear zone areas, the use of the runways at NOLF Barin for the JPATS aircraft could be severely impacted, rendering the airfield unusable. In FY 2001, 88,636 operations were conducted at NOLF Barin. If NOLF Barin is lost to Clear Zone encroachment, a new outlying field will be required, as no other NOLF in the Region can absorb the training currently conducted at NOLF Barin. In order to protect the Navy's capability to train safely in the future the remainder of the clear zone must be acquired.

Without the acquisition of required clear zone in runway approaches the Navy will continue to manage these areas in a manner which is inconsistent with Airfield Safety Criteria. Without the clear zone, unobstructed emergency landing area and glide slope will not be available to protect student aviators and aircraft. Development within the clear zone area is contrary to established airfield regulations.

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..... N/A
- (B) Date Design 35% Complete..... N/A
- (C) Date Design Complete..... N/A
- (D) Percent Complete As Of September 2002..... 0%
- (E) Percent Complete As Of January 2003..... 0%
- (F) Type of Design Contract.....
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(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..... 0
- (B) All Other Design Costs..... 0
- (C) Total..... 0
- (D) Contract..... 0
- (E) In-House..... 0

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60508
NAVAL AIR STATION WHITING FIELD, FLORIDA

4. Project Title	7. Project Number
CLEAR ZONE LAND ACQUISITION (OLF BARIN)	243

(...continued)

(4) Contract Award..... N/A

(5) Construction Start..... N/A

(6) Construction Completion..... N/A

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

Activity POC: LCDR LESLIE STEEL Phone No: 850-623-7268

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67004	4. Command	5. Area Constr Cost Index
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA	Commandant of the Marine Corps	0.78

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	18	82	56	0	0	2	0	15	715	888
b. End FY 2009	14	82	0	0	0	0	1	10	674	781

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (3,841.00)	
b.	INVENTORY TOTAL AS OF 03 May 2002.....	182,880.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	69,975.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	115,711.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	99,610.00
h.	**GRAND TOTAL.....**	**468,176.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
911.10	LAND ACQUISITION	1,089 AC	115,711		
	TOTAL		115,711		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

None

c. R&M Unfunded Requirement ($000): $ 10,690

10. Mission Or Major Functions:

To provide the organization and resources necessary to plan and conduct the scheduled maintenance of Maritime Prepositioning Force (MPF) assets at both the Blount Island Facility and aboard MPF ships. Additionally, assets associated with the Norway Air-Landed Marine Expeditionary Brigade (NALMEB) are rotated through BIC for planned maintenance. To oversee augmentation of MPF efforts by Fleet Marine Forces personnel and to provide the requisite coordination among the Command, the appropriate supported commander, and supporting Navy, Army, and Coast Guard personnel.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67004	4. Project Title
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA	LAND ACQUISITION (BLOUNT ISLAND)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702896M	911.10	001	115,711

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
LAND ACQUISITION (BLOUNT ISLAND)	AC	1,089	-	103,960
TOTAL ACREAGE FEE SIMPLE	AC	1,089	95,460	(103,960)
SUPPORTING FACILITIES		-	-	-
SUBTOTAL	-	-	-	103,960
Contingency (5.0%)	-	-	-	5,200
TOTAL CONTRACT COST	-	-	-	109,160
Supervision Inspection & Overhead (6.0%)	-	-	-	6,551
TOTAL REQUEST	-	-	-	115,711
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Acquisition of interests in approximately 1,089 acres of land and facilities at Blount Island in Jacksonville, Florida.

11. Requirement: 1,089 AC Adequate: 0 AC Substandard: 0 AC

PROJECT:

As the Commandant of the Marine Corps' Executive Agent for Marine Corps Prepositioning Programs, Blount Island Command plans, coordinates, and executes the logistics efforts in support of Maritime Prepositioning Ships and the Norway GeoPositioning Programs. The Maritime Prepositioning Force (MPF) is an essential element of the National Security Strategy. The MPF concept provides rapid deployment of personnel and equipment of Marine Air-Ground Task Forces (MAGTFs) by air to link up with prepositioned equipment and supplies embarked aboard Maritime Prepositioning Ships (MPS), which are forward positioned for rapid response to potential crises and conflicts. The MPF provides flexible options for such rapid deployment and employment of MAGTFs across the spectrum of conventional operations, including combat, disaster relief, and humanitarian assistance. Maritime Prepositioning Forces are naval power projection assets that significantly support the employment of Naval expeditionary forces.

Three MPS squadrons, consisting of 16 ships, provide the Nation a unique, operationally ready, geo-strategically prepositioned capability. Blount

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67004
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA

4. Project Title	7. Project Number
LAND ACQUISITION (BLOUNT ISLAND)	001

(...continued)

Island Command's mission focuses on attainment, maintenance and sustainment of all requirements in support of MPF operations. MPF Maintenance Cycle operations conducted at Blount Island are vital to maintaining the readiness and continued capability of the MPF program. (Current mission)

REQUIREMENT:

Ownership of the Blount Island facility ensures the Marine Corps will have a suitable permanent base for MPS maintenance operations. The Blount Island Command (BIC) is responsible for the management of the Marine Corps prepositioning programs. It plans and conducts the maintenance and embarkation of Maritime Prepositioned Forces (MPF) at the Blount Island facility. The MPS concept provides for rapid deployment of personnel and equipment of Marine Air-Ground Task Force (MAGTF) by airlift, to link up with prepositioned equipment and supplies embarked aboard MPS that are forward positioned for contingency response. MPS maintenance is conducted at 36-month intervals for 16 MPF ships. The BIC has an average of 60 days per ship to complete the entire operation (downloading of all equipment, ammunition, and supplies; maintenance, acquisition, and rotation of equipment and supplies; and uploading).

Blount Island is a vital national strategic asset, through its role in support of the MPF program and mobilization in crises. Since 1986 the MPF maintenance cycle for prepositioned equipment and supplies has been conducted at BIC. BIC is part of the strategic enabler entitled ''Strategic Mobility,'' and is an asset that is critical to the worldwide application of U.S. military power and strategy under the strategic concepts outlined in the National Military Strategy of Forward Presence and Crisis Response. Under these concepts the MPF program provides rapid and efficient strategic deployment options through strategic siting around the globe for the geographic and combatant Commander-in-Chief (CINC). This enables MPF to be especially responsive to regional crises and disaster relief.

CURRENT SITUATION:

The Marine Corps currently leases approximately 764 acres of land for the Maritime Prepositioning Force Maintenance Site at Blount Island, Jacksonville, Florida. The 15 year lease expires in 2004 with a renewal option to 2010. The Blount Island facility offers a developed area currently configured to support MPS operations. The site has approximately 600,000 square feet of buildings, a 1,000 foot pier, a

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67004
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA

4. Project Title	7. Project Number
LAND ACQUISITION (BLOUNT ISLAND)	001

(...continued)

33-acre concrete staging area and terminal with approximately 8,000 feet of rail spur. Each ship docks within a 4,600 foot by 300 foot channel maintained at a depth of 36 feet. The leased land and improvements are owned by Gate Maritime Properties, Inc. (Gate). The lease provides for unimpeded MPS operations (from potentially competing pierfront usages) as well as for maintenance of a clear zone derived from the explosive safety quantity distance Explosive Safety Quantity Distance (ESQD) arc.

The Port of Jacksonville serves as a major strategic Seaport of Embarkation/Debarkation in direct support of Commander, U.S. Transportation Command. In addition, during periods of crisis/conflict the Blount Island facility routinely provides a significant throughput surge capability and versatility in support of mobilization operations. This was clearly demonstrated during operations Desert Shield/Desert Storm by Blount Island's ability to out-load 59 ships.

In addition to the exceptional sea access, the site is served by a direct highway and mainline rail access. An additional 4-lane vehicle bridge to the island was recently completed along with widening of the connector highway leading to Interstate 295 only 2 miles distant. Jacksonville International Airport is only 20 minutes from the Blount Island site. BIC provides an ongoing prepositioned equipment maintenance operating location that offers an autonomous exclusive-use facility contiguous with in-place infrastructure. The weather accommodates year-round operations. The pier is dedicated to the prepositioning mission. There is an experienced workforce in place supported by a large industrial base resident in the Jacksonville area.

Numerous studies have examined almost 100 sites since 1985. All studies have concluded that Blount Island is not only the best site, but also the only viable place to accomplish the MPF maintenance mission as well as provide wartime capability to support massive logistics sustainment from the continental United States.

IMPACT IF NOT PROVIDED:

The Marine Corps will continue to lease the facility to support long-term requirements. The lease cost will exceed the estimated purchase value by year 2004 at which point we will have spent approximately $155M. Continuing to lease is risky, costly, contrary to Department of Defense policy and opposed by Office of Management and Budget. Ownership of Blount Island satisfies current and future MPF requirements. Acquisition of Blount Island is the most cost effective solution for the Nation and

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67004
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA

4. Project Title	7. Project Number
LAND ACQUISITION (BLOUNT ISLAND)	001

(...continued)
the Marine Corps.

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..... N/A
- (B) Date Design 35% Complete..... N/A
- (C) Date Design Complete..... N/A
- (D) Percent Complete As Of September 2002..... 0%
- (E) Percent Complete As Of January 2003..... 0%
- (F) Type of Design Contract.....
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(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..... 0
- (B) All Other Design Costs..... 0
- (C) Total..... 0
- (D) Contract..... 0
- (E) In-House..... 0

(4) Contract Award..... N/A

(5) Construction Start..... N/A

(6) Construction Completion..... N/A

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67004
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA

4. Project Title	7. Project Number
LAND ACQUISITION (BLOUNT ISLAND)	001

(...continued)

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.

Activity POC: CHIP NEWTON Phone No: 904-696-5063

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733	4. Command	5. Area Constr Cost Index
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA	Director, Strategic Systems Program	0.99

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	481	4,628	1,886	0	109	0	95	273	0	7,472
b. End FY 2009	367	3,552	1,886	0	221	0	0	0	0	6,026

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (0.00)	
b.	INVENTORY TOTAL AS OF 31 May 2002.....	267,869.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	11,510.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	91,917.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	3,797.00
g.	REMAINING DEFICIENCY.....	10,330.00
h.	**GRAND TOTAL.....**	**385,423.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
171.50	RIFLE RANGE	0 LS	8,170	06/02	06/04
143.47	SFF ADDN & HMMWV GARAGE	0 LS	3,340	06/02	06/04
	TOTAL		11,510		

9. Future Projects:

a. Included In The Following Program (FY 2005):

932.20	LA UTILITIES & SITE IMPVS	0 LS	1,896
421.72	MISSILE MAGAZINE (48,438 SF)	4,500 m2	90,021
	TOTAL		91,917

b. Major Planned Next Three Years:

932.10	MSL TRNSPORTER SAFEHAVENS	3 EA	3,797
	TOTAL		3,797

c. R&M Unfunded Requirement ($000): $ 14,127

10. Mission Or Major Functions:

To provide strategic missiles and strategic weapons systems support to the fleet and other designated activities, and to perform such other functions and tasks as may be directed by higher authority. In addition to personnel assigned to Strategic Weapons Facility, Atlantic, a 364-man USMC security force is also assigned.

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733	4. Command	5. Area Constr Cost Index
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA	Director, Strategic Systems Program	0.99

(...continued)

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733	4. Project Title
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA	RIFLE RANGE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0815976N	171.50	588	8,170

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RIFLE RANGE (35,833 SF)	m2	3,329	-	5,520
RANGE INSTRUCTION AREA (2,583 SF)	m2	240	2,312	(550)
RANGE SUPPORT AREA (2,583 SF)	m2	240	1,449	(350)
INDOOR SIMULATED MARKSMANSHIP TRAINER AREA (527 SF)	m2	49	937	(50)
INDOOR 36 POINT SMALL ARMS RANGE (30,139 SF)	m2	2,800	1,310	(3,670)
BUILT-IN EQUIPMENT	LS	-	-	(650)
SPECIAL COSTS	LS	-	-	(110)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(110)
SUPPORTING FACILITIES	LS	-	-	1,570
ELECTRICAL UTILITIES	LS	-	-	(350)
MECHANICAL UTILITIES	LS	-	-	(250)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(250)
DEMOLITION	LS	-	-	(250)
ENVIRONMENTAL MITIGATION	LS	-	-	(380)
OUTSIDE COMMUNICATION LINES	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)

SUBTOTAL	-	-	-	7,090
Contingency (5.0%)	-	-	-	350

TOTAL CONTRACT COST	-	-	-	7,440
Supervision Inspection & Overhead (6.0%)	-	-	-	450

SUBTOTAL	-	-	-	7,890
DESIGN/BUILD - DESIGN COST	LS	-	-	280

TOTAL REQUEST	-	-	-	8,170
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Provide a fire-resistant reinforced concrete bearing wall facility with concrete foundations, slab-on-grade floors, elastomeric or metal seam roofing over insulated steel deck, fire detection and suppression systems, Closed Circuit TV (CCTV), intrusion detection system (IDS),

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA

4. Project Title	7. Project Number
RIFLE RANGE	588

(...continued)

communications, mechanical ventilation, plumbing, electrical service and other elements required for a complete and usable facility. Facility to include two 18-point pistol/rifle (and shotgun) indoor small arms ranges, one Indoor Simulated Marksmanship Trainer (ISMAT) simulator, two classrooms, staff offices and all necessary support facilities.

The small arms weapons ranges require bullet-proof walls and ceilings, acoustical baffling, pre-engineered bullet traps, and mechanical ventilation and air conditioning separate from the other facilities. Built-in equipment includes target holders, bullet traps, and armory weapon racks. Special costs include an armory vault and special acoustical treatment. Parking, sidewalks, landscaping, access road paving, and environmental protection measures are included. Force protection measures will be provided. Demolishes and provides environmental cleanup of the existing outdoor 20 point rifle range and 20 point pistol range after completion of the new range. Sustainable principles will be integrated into the design, development, and construction of the Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 3,329 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs a small arms training facility consisting of two indoor ranges, a marksmanship simulator, classrooms, and support facilities at Naval Submarine Base Kings Bay. (Current mission)

REQUIREMENT:

A small arms training facility is needed to achieve and maintain small arms proficiency necessary to protect Naval personnel and essential property from attack during open hostilities and against terrorist and other clandestine attacks. Adequate facilities must be available for training and continuing retraining for Naval Submarine Base, tenant, and regional personnel, and authorized visitors who must maintain their small arms proficiency. Training instruction includes 9mm and 45-caliber pistol, M-16 rifle, and shotgun. An estimated 7,000 personnel require rifle and pistol training. Visiting ships, authorized temporary duty personnel, and additional security personnel who are being added to meet the increased threat augment this population. This facility demolishes the existing Kings Bay rifle range, which has been designated unsafe, and the outdoor pistol range after the initial operating capability is

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA

4. Project Title	7. Project Number
RIFLE RANGE	588

(...continued)
achieved in the new facility.

CURRENT SITUATION:

The existing outdoor rifle range has been closed. Current ammunition used on this range has extended the surface danger zone because rounds are exiting the range and impacting in the Strategic Weapons Facility, Atlantic Limited Area high security exclusion zone. Immediately prior to closure, one Marine security guard was wounded by a round from the existing range. With the rifle range closure, weapons training has been impacted, and personnel must be transported up to 85 miles away to receive minimal training. Readiness is impacted and significant security personnel man-hours are lost to transportation time.

IMPACT IF NOT PROVIDED:

There will be no rifle range at Submarine Base Kings Bay. The outdoor pistol range will be used with continued negative environmental impact. Required small arms weapons training will be deferred, reduced, or cancelled resulting in degraded small arms proficiency. Security capabilities will be degraded, and essential mission requirements will not be met.

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..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA

4. Project Title	7. Project Number
RIFLE RANGE	588

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 219
(B) All Other Design Costs..... 74
(C) Total..... 293
(D) Contract..... 74
(E) In-House..... 219

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LT GENE CHRISTIE Phone No: 912-673-4197

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733	4. Project Title
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA	WATERFRONT SECURITY FORCE FACILITY ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0212176N	143.47	589	3,340

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WATERFRONT SECURITY FORCE FACILITY ADDITION (6,189 SF)	m2	575	-	1,960
WATERFRONT SECURITY FORCE FACILITY ADDN (6,189 SF)	m2	575	1,566	(900)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
SPECIAL COSTS	LS	-	-	(370)
BUILT-IN EQUIPMENT	LS	-	-	(550)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(110)
SUPPORTING FACILITIES	LS	-	-	940
ELECTRICAL UTILITIES	LS	-	-	(180)
MECHANICAL UTILITIES	LS	-	-	(200)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(180)
OUTSIDE COMMUNICATION LINES	LS	-	-	(80)
ENVIRONMENTAL MITIGATION	LS	-	-	(30)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(270)

SUBTOTAL	-	-	-	2,900
Contingency (5.0%)	-	-	-	140

TOTAL CONTRACT COST	-	-	-	3,040
Supervision Inspection & Overhead (6.0%)	-	-	-	180

SUBTOTAL	-	-	-	3,220
DESIGN/BUILD - DESIGN COST	LS	-	-	120

TOTAL REQUEST	-	-	-	3,340
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Provides a one-story addition to the Waterfront Security Force Facility, (WSFF) which will increase the capacity to 80 security personnel per shift, add a small arms storage area, offices, exercise room, monitoring room, and provide secure parking for three additional armored Highly Mobile Military Wheeled Vehicles (HUMMWV). The existing WSFF air conditioning, fire detection and suppression system, Closed Circuit TV (CCTV), intrusion detection system, communications, mechanical ventilation, plumbing, electrical service, and other building systems will

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA

4. Project Title	7. Project Number
WATERFRONT SECURITY FORCE FACILITY ADDITION	589

(...continued)
be expanded. Parking, sidewalks, landscaping, access roads, paving and environmental protection measures will be provided. Built-in equipment will include complete galley equipment outfitting and ventilation equipment for the HUMMWV garage. Special costs include strengthening perimeter walls for ballistic resistance, strengthening the roof to allow installation of fighting positions and automatic weapons mounts and hardening communications lines. Force protection measures include perimeter protection, compound surveillance, and standoff zones/barriers. Environmental mitigation will consist of replacement plantings and habitat reconstruction. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with the Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 575 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Project provides an addition to the Waterfront Security Force Facility. (Current mission)

REQUIREMENT:

Adequate security facilities are necessary to support the increased WSFF force. This force has been increased as a result of the recognition of a greater security threat and the expansion of the WSFF mission from defending only the Strategic Weapons Facility Atlantic (SWFLANT) Explosive Handling Wharfs (EHW's) during Strategic Weapon Systems (SWS) operations to defending the entire Kings Bay waterfront on a seven day, 24 hour basis.

CURRENT SITUATION:

The requirement for a waterfront security force is being met by overcrowding the existing WSFF and shuttling personnel from other locations and temporary facilities. Overcrowding is impacting morale. Shuttling personnel exposes security force personnel to interdiction actions and delayed response times.

IMPACT IF NOT PROVIDED:

Security on the Kings Bay waterfront will continue to be compromised. Response times to critical facilities will not be met, and the morale of the security force will continue to be reduced.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA

4. Project Title	7. Project Number
WATERFRONT SECURITY FORCE FACILITY ADDITION	589

(...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..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 103
- (B) All Other Design Costs..... 34
- (C) Total..... 137
- (D) Contract..... 34
- (E) In-House..... 103

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis;

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68733
STRATEGIC WEAPONS FACILITY ATLANTIC KINGS BAY, GEORGIA

4. Project Title	7. Project Number
WATERFRONT SECURITY FORCE FACILITY ADDITION	589

(...continued)
however, the scope of the project is based on Navy requirements.

Activity POC: LT GENE CHRISTIE Phone No: 912-673-4197

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68297	4. Command	5. Area Constr Cost Index
NAVAL MAGAZINES LUALUALEI, HAWAII	Commander, Pacific Fleet	1.71

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	15	220	14	0	0	0	0	0	0	249
b. End FY 2009	16	223	14	0	0	0	0	0	0	253

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (12,028.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	132,572.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	6,320.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	3,877.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	9,985.00
g.	REMAINING DEFICIENCY.....	213,360.00
h.	**GRAND TOTAL.....**	**366,114.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
425.10	ORDNANCE HOLDING AREAS (90,029 SF)	8,364 m2	6,320	11/01	09/03
	TOTAL		6,320		

9. Future Projects:

a. Included In The Following Program (FY 2005):

610.10	PASS OFC & SECURITY UPGRD	0 LS	3,877
	TOTAL		3,877

b. Major Planned Next Three Years:

812.40	SECURITY LIGHTING	20,000 LF	5,095
812.40	SECURITY LIGHTING	25,000 LF	4,890
	TOTAL		9,985

c. R&M Unfunded Requirement ($000): $ 30,266

10. Mission Or Major Functions:

Receives, transships, maintains, stores and issues ammunition, missiles and explosive ordnance for the military services in Hawaii and the Pacific Ocean area.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68297	4. Project Title
NAVAL MAGAZINES LUALUALEI, HAWAII	ORDNANCE HOLDING AREA

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0712976N	425.10	172	6,320

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ORDNANCE HOLDING AREA (90,029 SF)	m2	8,364	-	2,220
AMMUNITION STORAGE PADS (90,029 SF)	m2	8,364	255	(2,130)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
INFORMATION SYSTEMS	LS	-	-	(60)
SUPPORTING FACILITIES	LS	-	-	3,430
ELECTRICAL UTILITIES	LS	-	-	(3,400)
SITE IMPROVEMENTS	LS	-	-	(30)

SUBTOTAL	-	-	-	5,650
Contingency (5.0%)	-	-	-	280

TOTAL CONTRACT COST	-	-	-	5,930
Supervision Inspection & Overhead (6.5%)	-	-	-	390

TOTAL REQUEST	-	-	-	6,320
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	300

10. Description of Proposed Construction

Project constructs three ordnance hold areas at West Loch. Each hold area will consist of a concrete pad approximately 100 feet by 300 feet, surrounded by chain link fence, and provided with lightning protection, security lighting, and a security camera. Hold areas will be sited to hold 150,000 lbs Net Explosive Weight (NEW) or ordnance. In addition, this project proposes to provide overhead lightning protection and ground systems along dockside for ammunition Wharves W1 to W5. Work will also include providing electrical branch circuits and controls for obstruction lights on the lightning tower. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 8,364 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project will provide explosive safety improvements by constructing three ordnance hold areas and installing overhead lightning protection and grounding systems dockside for ammunition Wharves W1 to W5 at West Loch to correct explosive safety waivers. (Current mission)

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68297
NAVAL MAGAZINES LUALUALEI, HAWAII

4. Project Title	7. Project Number
ORDNANCE HOLDING AREA	172

(...continued)

REQUIREMENT:

Explosive safety improvements are required as stated in Explosive Safety Waiver by Chief of Naval Operations (CNO) letter of 24 February 2000. Lightning protection is required for all ordnance handling, operating and storage facilities/areas. Ordnance staged on ammunition Wharves W1 to W5 during ordnance handling operations must be protected from lightning strikes. Adequate ordnance hold areas are required to store ammunition in a safe, non-hazardous manner. The mission of Naval Magazine (NAVMAG) Pearl Harbor is to receive, renovate, maintain, store and issue ammunition, weapons, and technical ordnance material for the Navy, Air Force and Army and other activities and units as designated by CNO.

CURRENT SITUATION:

Ammunition is periodically being stored on Whiskey Wharves at West Loch as sufficient hold areas do not exist. This temporary ammunition storage on the wharves causes a potential explosive hazard to ships, wharves, buildings, ammunition and personnel because required separation distances are not provided.

CNO Waiver was issued to allow temporary storage of ammunition on ammunition wharves before and after a loading operation on the wharves. This violation, however, must be remedied. Additionally, ammunition storage on the wharf does not provide the desired level of security, as does storage within the fenced hold area.

Ammunition Wharves W1 to W5 are operating under the same CNO Waiver, which permits temporary storage of explosives at areas, which do not have any lightning protection and grounding systems. During ordnance handling operations, ordnance of various classes are staged on the wharves before they are moved into the ammunition magazines or loaded onto the ships. Historical data indicates that approximately 30 ships per year berth on Wharves W1 to W3 and approximately 70 vessels per year berth on Wharves W4 and W5. In the event of a severe electrical storm (generally unpredictable in origin and behavior) and ordnance operations are not completed, there is a possibility that a lightning strike on or near the exposed ordnance will ignite the explosives. This will result in extensive damage to ordnance, ships, expensive material and equipment, waterfront facilities, and loss of human life resulting in negative impact to surrounding community.

IMPACT IF NOT PROVIDED:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68297
NAVAL MAGAZINES LUALUALEI, HAWAII

4. Project Title	7. Project Number
ORDNANCE HOLDING AREA	172

(...continued)

If this project is not provided, ammunition storage on the wharves will continue to require a waiver, and ships, wharves, buildings, ammunition, and personnel will continue to be exposed to a potential explosive hazard. As stated above, this will result in extensive damage to ordnance, ships, expensive material and equipment, waterfront facilities, and human life, and negative impact to surrounding community.

CNO Waiver will expire on 31 December 2003. If the waiver is not renewed, the following will occur: handling rates will slow down due to transferring to/from magazine without staging capability; ships/subs remain at wharves for considerably longer periods of time resulting in more steaming time (3 or 4 days vice 1 day); additional contractor operation costs for increased manpower and equipment resources.

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..... 11/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 349
- (B) All Other Design Costs..... 116
- (C) Total..... 465
- (D) Contract..... 291
- (E) In-House..... 174

(4) Contract Award..... 11/03

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68297
NAVAL MAGAZINES LUALUALEI, HAWAII

4. Project Title	7. Project Number
ORDNANCE HOLDING AREA	172

(...continued)

(5) Construction Start..... 12/03

(6) Construction Completion..... 04/05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
CCTV Security System	OPN	2005	300

JOINT USE CERTIFICATION:

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

Activity POC: CAPT JENNIFER MUSTAIN Phone No: 808-471-3926

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00311	4. Command	5. Area Constr Cost Index
NAVAL SHIPYARD PEARL HARBOR HAWAII	Commander, Pacific Fleet	1.57

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,525	9,685	7,603	0	0	0	243	220	0	19,276
b. End FY 2009	1,488	9,434	7,788	0	0	0	243	220	0	19,173

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (6,250.00)	
b.	INVENTORY TOTAL AS OF 30 May 2002.....	550,395.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	22,010.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	7,010.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	19,163.00
g.	REMAINING DEFICIENCY.....	58,650.00
h.	**GRAND TOTAL.....**	**657,228.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
812.40	PERIMETER/SECURITY LIGHTNG	0 LS	7,010	06/02	09/03
	TOTAL		7,010		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

813.20	SHORE POWER IMPVS DD4	0 LS	3,803
218.20	CONSOLIDATE CRANE DEPT	0 LS	5,063
213.10	DRYDOCK	0 LS	10,297
	TOTAL		19,163

c. R&M Unfunded Requirement ($000): $ 85,004

10. Mission Or Major Functions:

Overhauls and repairs nuclear powered submarines conventionally, power surface ships.

Note: Block 6 personnel strength numbers are for Host Activity, Naval Station, Pearl Harbor
Note: Block 7a, 7b and 9c are for the Host Activity, Naval Station, Pearl Harbor

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00311	4. Command	5. Area Constr Cost Index
NAVAL SHIPYARD PEARL HARBOR HAWAII	Commander, Pacific Fleet	1.57

(...continued)

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00311	4. Project Title
PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII	PERIMETER SECURITY LIGHTING

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0712776N	812.40	905	7,010

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PERIMETER SECURITY LIGHTING	LS	-	-	3,720
BUILDING 167	LS	-	-	(600)
INDUSTRIAL AREA SECURITY LIGHTING	LS	-	-	(2,200)
SECURITY UPGRADES	LS	-	-	(900)
TECHNICAL OPERATING MANUALS	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	2,550
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,550)
SUBTOTAL	-	-	-	6,270
Contingency (5.0%)	-	-	-	310
TOTAL CONTRACT COST	-	-	-	6,580
Supervision Inspection & Overhead (6.5%)	-	-	-	430
TOTAL REQUEST	-	-	-	7,010
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct various security measures for a full-service shipyard. Measures include high-intensity waterfront security lighting at Water's Edge and drydock entry wharves GD1-5, N1-2, O2-3; waterfront guard tower; vehicular and personnel entry control measures such as fence turnstiles, local area network (LAN) and guard kiosks; parking structure to accommodate vehicles displaced by obtaining required set-back distances for main administrative building 167; and landscaping.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

This project provides anti-terrorism/force protection measures for a full service Navy Shipyard, focused on security lighting for water's edge at drydocks and piers, Controlled Industrial Area access, and main administrative building vehicular setbacks. (Current mission)

REQUIREMENT:

To protect personnel, submarines, and surface craft in today's environment, various physical, electronic, and operational security

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00311
PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
PERIMETER SECURITY LIGHTING	905

(...continued)

improvements are required. Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility performs all ship maintenance workload in the Fleet's mid-Pacific theatre. With the consolidation of intermediate and depot level maintenance at the Shipyard, Pearl Harbor provides vital support to ships undergoing voyage repairs, and intermediate level maintenance, depot level maintenance with concurrent intermediate level maintenance. The Fleet Maintenance Schedule for Chief of Naval Operations availabilities shows continuous ship maintenance work at Pearl Harbor well into 2010. An anti-terrorism/force protection analysis revealed a variety of unacceptable unmitigated threats to Shipyard and Navy Shipboard personnel, and to submarines and surface craft berthed and drydocked at the Shipyard. These threats can be deployed from the air, water (surface and submerged), and land.

CURRENT SITUATION:

There is no permanent security lighting system at water's edge and at drydocks and piers; makeshift portable lights are used to provide a minimal level of illumination at night. However, portable lights are unreliable, frequently break down, and are easily vandalized. Existing guard tower, guard ''shacks'', and several fence turnstiles are severely decrepit and beyond economical repair. Access into the shipyard Controlled Industrial Area needs to be better controlled against defined threats. The Shipyard's main administrative building does not meet required setback distances from existing roads and parking areas.

IMPACT IF NOT PROVIDED:

Potential crippling of shipyard industrial operations; potential injury or loss of life and damage to Navy submarines and surface craft, facilities/infrastructure; high cost of rescue, clean-up and recovery after a terrorist attack.

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..... 06/02
(B) Date Design 35% Complete..... 01/03

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00311
PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
PERIMETER SECURITY LIGHTING	905

(...continued)

(C) Date Design Complete..... 09/03
(D) Percent Complete As Of September 2002..... 2%
(E) Percent Complete As Of January 2003..... 35%
(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 381
(B) All Other Design Costs..... 127
(C) Total..... 508
(D) Contract..... 317
(E) In-House..... 191

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 04/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

Activity POC: SHELLEY KAYA Phone No: (808)-471-8000

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00604	4. Command	5. Area Constr Cost Index
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII	Commander, Pacific Fleet	1.67

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,525	9,685	7,603	0	0	0	243	220	0	19,276
b. End FY 2009	1,488	9,434	7,788	0	0	0	243	220	0	19,173

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (687.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	160,963.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	21,730.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	32,180.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	50,500.00
g.	REMAINING DEFICIENCY.....	29,000.00
h.	**GRAND TOTAL.....**	**294,373.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
152.60	WATERFRONT IMPROVEMENTS (48,491 SF)	4,505 m2	32,180	11/01	09/03
	TOTAL		32,180		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

872.15	SECURITY FENCING	0 LS	1,901
441.10	CONSOL AUTOMATED WAREHOUSE (55,004 SF)	5,110 m2	19,491
812.30	SHORE PWR IMPVS HOTEL/KILO	0 LS	20,250
872.10	SECURTY/PERIMTR FENCE/WALL	0 LS	8,858
	TOTAL		50,500

c. R&M Unfunded Requirement ($000): $ 85,004

10. Mission Or Major Functions:

Provides a wide variety of supply and support services to Navy activities in the geographic area and provides supply, petroleum, oil and lubricants (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 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00604	4. Project Title
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII	WATERFRONT IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	152.60	193	32,180

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WATERFRONT IMPROVEMENTS (48,491 SF)	m2	4,505	-	22,820
K10-11 WHARF UPGRADE	LS	-	-	(15,080)
STORAGE/STAGING FACILITY (48,491 SF)	m2	4,505	1,567	(7,060)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
INFORMATION SYSTEMS	LS	-	-	(30)
BUILT-IN EQUIPMENT	LS	-	-	(430)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(190)
SUPPORTING FACILITIES	LS	-	-	5,960
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,170)
ELECTRICAL UTILITIES	LS	-	-	(660)
MECHANICAL UTILITIES	LS	-	-	(720)
SITE IMPROVEMENTS	LS	-	-	(1,290)
DEMOLITION	LS	-	-	(1,070)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(50)

SUBTOTAL	-	-	-	28,780
Contingency (5.0%)	-	-	-	1,440

TOTAL CONTRACT COST	-	-	-	30,220
Supervision Inspection & Overhead (6.5%)	-	-	-	1,960

TOTAL REQUEST	-	-	-	32,180
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

A portion (73 meters) of Wharf K10/K11 will be upgraded and widened from 15.24 meters (50 ft) to the minimum required 41.15 meters (135 ft) to increase the efficiency and capacity of waterfront operations. Wharf K10/K11 will be upgraded to support the container handler and 140-ton mobile crane operations, and adequate staging area for containers and other military gear awaiting shipment. The requirements for the upgrade include a 41.15 meters (135 feet) wide working area for safe wharf operations including 10.67 - 12.19 meters (35 - 40 feet) for container staging, capable of supporting the material handling equipment. Project will also demolish 73 meters (240 feet) of existing portion of Supply Wharf K11 and construct a new reinforced concrete wharf on concrete piles with capacity to support supply loading and unloading operations.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00604
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
WATERFRONT IMPROVEMENTS	193

(...continued)

To create space for the upgraded wharf, the project will demolish existing waterfront transit storage/staging facility, Building 478, 4,505 square meters (m2), and construct a new 4,505 square meters (m2) (48,486 SF) single story steel frame building with metal roof deck, asphaltic concrete work deck, utility service, fire protection, cargo container loading docks, security cage, and a separate hazardous material storage area. Utility work will include relocation of water, drain and fuel lines, relocation of light poles, and the addition of operational area lighting. Electrical service from Building 479, Station K4, will be terminated for Building 478. The existing Station K4 along with installed breaker and underground feeder will support the proposed storage facility.

Built-in equipment includes a loading dock, an elevator, dock levelers, and a fire pump. Special construction features include pile foundations for the new storage/staging facility. Department of Defense anti-terrorism/force protection construction minimum standards are incorporated in this project. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 4,505 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project increases the efficiency and capacity of waterfront operations by upgrading and widening a portion of K10/K11. (Current mission)

REQUIREMENT:

Adequate wharf capacity, storage/staging/load-out facilities at the supply docks are required to allow safe and efficient operation of cranes and heavy machinery in the transfer and movement of materials simultaneously, and to provide cover and protection for cargo awaiting transshipment. The Fleet and Industrial Supply Center Pearl Harbor (FISC PEARL) Ocean Terminals Department delivers a wide-range of ocean, land, and air logistics services to Department of Defense (DOD) operating forces in the mid-Pacific region. As the manager of the DOD Common-User Military Ocean Terminal, FISC PEARL's mission is to load/unload ships at the military terminal and to provide traffic management and terminal services for the movement of military supplies, vehicles, and equipment through the Hawaiian Islands, Midway Island, and Wake Island. The Wharf K10/K11

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00604
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
WATERFRONT IMPROVEMENTS	193

(...continued)

staging area/waterfront transit facility is an essential part of this mission to support deployments for the Army, Navy, Air Force, Hawaii Army National Guard, Marine Corps, and US Army Reserve in Hawaii. (The percentage of export cargo from 1998 to present: Navy =55%, Army = 36%, Marine Corps = 4%, Air Force = 3%, Cost Guard and Contractor = 2%). The minimum wharf width required for crane operations is approximately 135 feet, which includes utility, mobile crane, fire lane, and lay down area; however, Wharves K10/K11 are only 15.24 (50 feet) wide. Additionally, large-scale deployments are currently conducted at Ford Island. When Ford Island Development construction starts, these large-scale deployments will no longer be permitted at Ford Island and will be relocated to the Kilo Wharves. This increase in ship loading/unloading requires adequate wharf space and efficient operations to meet the mission. Widening the wharf area requires the demolition of deteriorated transit storage/staging facility Building 478 and construction of a replacement facility.

CURRENT SITUATION:

Wharves K10/K11 are the only berths in Pearl Harbor that are completely sited to providing logistic support to aircraft carriers and military sealift operations. However, due to the limited wharf area, that support is significantly impaired resulting in an approximate 50% reduction in effective use of transport/staging area. Currently, when the Kilo Docks are used for various military exercises and deployments of U.S. Forces, large amounts of supplies and combat gear are staged in every available space nearest to Wharves K10 and K11. These spaces are within Building 478, around adjacent buildings, and on the open paved areas near the docks.

Ship loading/unloading operations must be done quickly and safely in order to meet tight schedules. The current loading operation requires loading containers onto flatbed tractor-trailers that are driven onto the wharf where the containers are then lifted onto the ships using a crane. This cumbersome, labor-intensive operation is hampered by congested conditions at the waterfront and the narrow width of the wharf. Building 448, built at the edge of Wharf K11, limits a crane's operational clearance to 15.24 meters, the width of the wharf. This adverse working environment endangers the safety of workers and the materials being transported or staged by severely limiting the operational clearance of material handling equipment. These conditions hamper the safe and efficient transfer and movement of materials through Hawaiian waters and adversely affect the productivity and the quality of life in the workplace for FISC PEARL

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00604
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
WATERFRONT IMPROVEMENTS	193

(...continued)
personnel.

Building 478, the existing waterfront transit storage/staging facility, is a semi-permanent, substandard, wood structure that is deteriorated and in need of replacement. The building is over 55 years old and termite damage/infestation is prevalent in the structural columns and roof framing. The roof leaks and the structural integrity of the facility are in doubt. Existing spaces are inadequate and seriously hamper the ability of personnel to perform assigned operational tasks.

IMPACT IF NOT PROVIDED:

If this project is not provided, the lack of adequate space for both material-handling operations and a waterfront transit storage/staging facility will significantly reduce FISC PEARL's ability to provide quick and efficient logistics support to fleet units during operations. Deferral of this project will mean continued use of deteriorated, substandard, and inefficient facilities by FISC PEARL personnel. Because there is no other site, Wharves K10 and K11 will have to be used when the Ford Island family housing construction forces the displacement of military deployment operations and seriously hampers the Department of Defense mission. Ford Island is currently used as a staging area for large vehicles and pieces of equipment. The staging area will be displaced by family housing in the future.

Use of a 140-ton crane and a ''top-loader,'' heavyweight container loader, to improve efficiency and productivity will be precluded due to congested conditions and the lack of an adequate concrete foundation at Wharf K10/K11.

The continued use of deteriorated facilities with congested conditions at the waterfront will cause serious safety concerns for personnel and material alike. These conditions adversely affect the morale, productivity, and quality of work life of FISC PEARL 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:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00604
FLEET INDUSTRIAL SUPPLY CENTER PEARL HARBOR, HAWAII

4. Project Title	7. Project Number
WATERFRONT IMPROVEMENTS	193

(...continued)

(A) Date Design Started..... 11/01
(B) Date Design 35% Complete..... 01/03
(C) Date Design Complete..... 09/03
(D) Percent Complete As Of September 2002..... 2%
(E) Percent Complete As Of January 2003..... 35%
(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 1776
(B) All Other Design Costs..... 592
(C) Total..... 2368
(D) Contract..... 1480
(E) In-House..... 888

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 04/06

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

JOINT USE CERTIFICATION:

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

Activity POC: LT JENNIFER TETATZIN Phone No: (808) 471-0659

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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 9/30/02	570	3,905	1,192	0	5,294	0	756	1,635	0	13,352
b. End FY 2009	612	4,180	1,328	0	6,971	0	756	1,635	0	15,482

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (1,857.00)	
b.	INVENTORY TOTAL AS OF 31 May 2002.....	657,805.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	198,640.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	78,930.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	88,021.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	129,126.00
g.	REMAINING DEFICIENCY.....	128,973.00
h.	**GRAND TOTAL.....**	**1,281,495.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.15	RECRUIT BARRACKS (179,757 SF)	16,700 m2	31,600	11/01	03/04
721.15	RECRUIT BARRACKS (179,757 SF)	16,700 m2	34,130	11/01	03/04
171.20	BATTLE STA TRNG FAC INC I (179,994 SF)	16,722 m2	13,200	06/02	06/04
	TOTAL		78,930		

9. Future Projects:

a. Included In The Following Program (FY 2005):

721.11	RTC BARRACKS (179,757 SF)	16,700 m2	35,859
851.10	RTC INFRASTRUCTURE UPGRADE	0 LS	6,614
171.20	BATTLE STATIONS TRNG FAC (179,994 SF)	16,722 m2	45,548
	TOTAL		88,021

b. Major Planned Next Three Years:

171.40	RTC DRILL HALL RPL (65,122 SF)	6,050 m2	12,913
721.11	RTC BARRACKS (179,757 SF)	16,700 m2	36,827
721.11	RTC BARRACKS (179,757 SF)	16,700 m2	36,827
721.11	RTC BARRACKS (179,757 SF)	16,700 m2	39,038
872.10	REPLACE PERIMETER FENCE (129,953 SF)	12,073 m2	3,521
	TOTAL		129,126

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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)

c. R&M Unfunded Requirement ($000): $ 329,734

10. Mission Or Major Functions:

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

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202276N	721.15	736	31,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRAC (179,757 SF)	m2	16,700	-	25,770
RECRUIT BARRACKS (150,566 SF)	m2	13,988	1,283	(17,950)
ENLISTED DINING FACILITY (14,854 SF)	m2	1,380	3,324	(4,590)
APPLIED INSTRUCTION BUILDING (14,338 SF)	m2	1,332	2,022	(2,690)
BUILT-IN EQUIPMENT	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(250)
SUPPORTING FACILITIES	LS	-	-	2,110
ELECTRICAL UTILITIES	LS	-	-	(260)
MECHANICAL UTILITIES	LS	-	-	(280)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(150)
DEMOLITION	LS	-	-	(1,420)
SUBTOTAL	-	-	-	27,880
Contingency (5.0%)	-	-	-	1,390
TOTAL CONTRACT COST	-	-	-	29,270
Supervision Inspection & Overhead (6.0%)	-	-	-	1,760
SUBTOTAL	-	-	-	31,030
DESIGN/BUILD - DESIGN COST	LS	-	-	570
TOTAL REQUEST	-	-	-	31,600
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a three story open-bay, concrete frame, brick veneer, metal roof building to accommodate 1,056 recruits, including classrooms and a modified enlisted closed mess to serve the entire 1,056 recruits and staff in 60 minutes (food serving and eating area only). The facility will have an entrance canopy, a fire protection system, utilities, and heating, ventilating and air conditioning, pipelines, upgrade existing electrical substations, technical operating manuals, paving, and site improvements. Demolition of two existing bachelor quarters (18,258 square meters) is included. Built-in equipment includes an elevator. Anti-terrorism/force protection features will be included. The facility will be constructed to

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	736

(...continued)

seismic zone 1 criteria. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

Intended Grade Mix: 1,056 Recruits
Maximum Utilization: 1,056 Recruits

11. Requirement: 13,728 PN Adequate: 4,224 PN Substandard: 0 PN

PROJECT:

Construct a new 1,056 person Recruit Barracks at the Recruit Training Command to provide adequate berthing space, messing facilities, and academic instruction spaces in the same building (all in one complex - AIOC). (Current mission)

REQUIREMENT:

Adequate recruit barracks are required to support the Chief of Naval Operations (CNO) approved surge capacity for RTC Great Lakes is 16,168 recruits. Currently, the individual recruit barracks house 1,056 recruits in less than 50 net square feet (NSF) per person. This is in violation of the current minimum standard of 72 NSF per person and requires a waiver to operate at this capacity. This project is a continuation of previous MCON projects to correct space deficiencies and institute a new training concept where the academic recruit training is done in the same facility as the living quarters. This new training concept is currently being used successfully by the Army and Air Force and utilizes an all in one complex (AIOC) for more efficient use of training time. A study conducted by Southern Division, Naval Facilities Engineering Command (SOUTHDIV NAVFAC) and Naval Air Weapons Center, San Diego (NAWCTSD) supported use of this training concept at RTC Great Lakes. The current total barracks capacity is 10,800 based on current space criteria. Other approved MCON projects will partially eliminate the deficiency. Future projects will continue to be submitted to replace all of the existing barracks using this AIOC concept. For training purposes, divisions are best sized at 88 PN. With 12 divisions planned for each building, this calculates to the total of 1056 recruits per building.

CURRENT SITUATION:

Recruit training is hampered by the lack of suitable or adequate berthing facilities. Currently, recruits are housed in barracks that have a space

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	736

(...continued)

allowance of less than 50 NSF per recruit and a waiver is required to operate in this manner. This does not meet the current standard of 72 NSF per recruit. In addition, the current facilities were built in the 1950s and 1960s and are reaching the end their useful life. Maintenance is a major problem, and there is no air conditioning or forced air ventilation in any of the barracks. They are heated with steam fin tube radiators along the perimeter walls and there is virtually no control. Windows have to be opened to control the temperature. Many of the windows are inoperative. The buildings do not meet current outside air ventilation requirements. Courtyards are a waste of usable space. The gang heads were built for a capacity of 60, which is not sufficient for the existing 88-94 persons per division. The only fire protection is smoke detectors. The exterior of the structures are deteriorated with exposed re-bar in many areas due to spalling concrete. The water, sewer, and electrical systems are old, undersized, and unreliable. Based on a current study evaluating the RTC Barracks, approximately $25 million per barracks will be required to correct the current maintenance backlog and criteria deficiencies. The poor condition of the facilities results in recruits being housed in uncomfortable, unsafe, crowded, and potentially unhealthy conditions.

IMPACT IF NOT PROVIDED:

Recruits will continue to be housed in uncomfortable, unsafe, crowded, and potentially unhealthy conditions. An inordinate amount of training time will be lost due to the distance between berthing and classrooms and due to the time spent waiting in line for meals. If the deficiency is not corrected, the training mission requirements will be severely impacted by reducing training time, training consistency, increased attrition, etc. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the fleet requirement of 56,000 throughputs and a 16,168-surge requirement. Furthermore, the opportunity to significantly improve training efficiency and quality through a ''all in one concept'' will be lost. This is a major concern to CNO, the Secretary of the Navy, and Congress.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	736

(...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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 861
- (B) All Other Design Costs..... 287
- (C) Total..... 1148
- (D) Contract..... 287
- (E) In-House..... 861

(4) Contract Award..... 12/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 04/05

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$4,259,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$4,276,000

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	736

(...continued)

E. Future Unaccompanied Housing R&M Requirements:
$4,300,000

JOINT USE CERTIFICATION:

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

Activity POC: LCDR MICHAELA BRADLEY Phone No: (847)-688-4211

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202276N	721.15	737	34,130

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRAC (179,757 SF)	m2	16,700	-	25,770
RECRUIT BARRACKS (150,566 SF)	m2	13,988	1,283	(17,950)
ENLISTED DINING FACILITY (14,854 SF)	m2	1,380	3,324	(4,590)
APPLIED INSTRUCTION BUILDING (14,338 SF)	m2	1,332	2,022	(2,690)
BUILT-IN EQUIPMENT	LS	-	-	(100)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(250)
SUPPORTING FACILITIES	LS	-	-	4,350
ELECTRICAL UTILITIES	LS	-	-	(320)
MECHANICAL UTILITIES	LS	-	-	(760)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(720)
DEMOLITION	LS	-	-	(2,550)
SUBTOTAL	-	-	-	30,120
Contingency (5.0%)	-	-	-	1,510
TOTAL CONTRACT COST	-	-	-	31,630
Supervision Inspection & Overhead (6.0%)	-	-	-	1,900
SUBTOTAL	-	-	-	33,530
DESIGN/BUILD - DESIGN COST	LS	-	-	600
TOTAL REQUEST	-	-	-	34,130
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Three story open-bay, concrete frame, brick veneer, metal roof building to accommodate 1,056 recruits, including classrooms and a modified enlisted closed mess to serve the entire 1,056 recruits and staff in 60 minutes (food serving and eating area only). The facility will have an entrance canopy, a fire protection system, utilities, and heating, ventilating and air conditioning, pipelines, upgrade existing electrical substations, technical operating manuals, paving, and site improvements. Demolition of two existing bachelor quarters (18,258 square meters (m2)) and a galley (9,680 m2) is included. Built-in equipment includes an elevator. Anti-terrorism/force protection features will be included. The facility

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	737

(...continued)
will be constructed to seismic zone 1 criteria. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

Intended Grade Mix: 1,056 Recruits
Maximum Utilization: 1,056 Recruits

11. Requirement: 13,728 PN Adequate: 4,224 PN Substandard: 0 PN

PROJECT:

Construct a new 1,056 person (PN) Recruit Barracks at the Recruit Training Command to provide adequate berthing space, messing facilities, and academic instruction spaces in the same building (all in one complex - AIOC). (Current mission)

REQUIREMENT:

Adequate recruit barracks are required to support the Chief of Naval Operations approved surge capacity for RTC Great Lakes of 16,168 recruits. Currently, the individual recruit barracks house 1,056 recruits in less than 50 net square feet (NSF) per person. This is in violation of the current minimum standard of 72 NSF per person and requires a waiver to operate at this capacity. This project is a continuation of previous MCON projects to correct space deficiencies and institute a new training concept where the academic recruit training is done in the same facility as the living quarters. This new training concept is currently being used successfully by the Army and Air Force and utilizes an all in one complex (AIOC) for more efficient use of training time. A study conducted by Southern Division, Naval Facilities Engineering Command (SOUTHDIV NAVFAC) and Naval Air Weapons Center, San Diego (NAWCTSD) supported use of this training concept at RTC Great Lakes. The current total barracks capacity is 10,800 based on current space criteria. Other approved MCON projects will partially eliminate the deficiency. Future projects will continue to be submitted to replace all of the existing barracks using this AIOC concept. For training purposes, divisions are best sized at 88 PN. With 12 divisions planned for each building, this calculates to the total of 1056 recruits per building.

CURRENT SITUATION:

Recruit training is hampered by the lack of suitable or adequate berthing

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	737

(...continued)

facilities. Currently, recruits are housed in barracks that have a space allowance of less than 50 NSF per recruit and a waiver is required to operate in this manner. This does not meet the current standard of 72 NSF per recruit. In addition, the current facilities were built in the 1950's and 1960's and are reaching the end their useful life. Maintenance is a major problem, and there is no air conditioning or forced air ventilation in any of the barracks. They are heated with steam fin tube radiators along the perimeter walls and there is virtually no control. Windows have to be opened to control the temperature. Many of the windows are inoperative. The buildings do not meet current outside air ventilation requirements. Courtyards are a waste of usable space. The gang heads were built for a capacity of 60, which is not sufficient for the existing 88-94 persons per division. The only fire protection is smoke detectors. The exterior of the structures are deteriorated with exposed re-bar in many areas due to spalling concrete. The water, sewer, and electrical systems are old, undersized, and unreliable. Based on a current study evaluating the RTC Barracks, approximately $25 million per barracks will be required to correct the current maintenance backlog and criteria deficiencies. The poor condition of the facilities results in recruits being housed in uncomfortable, unsafe, crowded, and potentially unhealthy conditions.

IMPACT IF NOT PROVIDED:

Recruits will continue to be housed in uncomfortable, unsafe, crowded, and potentially unhealthy conditions. An inordinate amount of training time will be lost due to the distance between berthing and classrooms and due to the time spent waiting in line for meals. If the deficiency is not corrected, the training mission requirements will be severely impacted by reducing training time, training consistency, increased attrition, etc. The Navy's long range recruiting goals will not be realized if these facility deficits continue to exist. Mission support and readiness throughout the Navy will be impacted if recruit training is limited by lack of berthing and training spaces. These deficiencies at RTC Great Lakes are resulting in the inability to train an adequate number of recruits to meet the fleet requirement of 56,000 throughputs and a 16,168-surge requirement. Furthermore, the opportunity to significantly improve training efficiency and quality through an all in one concept will be lost.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	737

(...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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 929
- (B) All Other Design Costs..... 310
- (C) Total..... 1239
- (D) Contract..... 310
- (E) In-House..... 929

(4) Contract Award..... 12/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 04/05

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$4,259,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$4,276,000

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
RECRUIT TRAINING CENTER (RTC) RECRUIT BARRACKS	737

(...continued)

E. Future Unaccompanied Housing R&M Requirements:
$4,300,000

JOINT USE CERTIFICATION:

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

Activity POC: LCDR MICHAELA BRADLEY Phone No: (847)-688-4211

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210	4. Project Title
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS	BATTLE STATIONS (INCREMENT I)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0815976N	171.35	745	Auth 71,390 Appr 13,200 Auth for Appr 13,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BATTLE STATIONS (INCREMENT I) (192,233 SF)	m2	17,859	-	54,510
BATTLE STATIONS BUILDING (154,085 SF)	m2	14,315	2,084	(29,830)
RECRUIT DIVISION COMMANDERS SCHOOL (12,292 SF)	m2	1,142	2,136	(2,440)
RESERVE TRAINING COMMAND ADMINISTRATION (13,326 SF)	m2	1,238	2,758	(3,410)
PHOTO LABORATORY (12,529 SF)	m2	1,164	2,121	(2,470)
BUILT-IN EQUIPMENT	LS	-	-	(14,020)
TECHNICAL OPERATING MANUALS	LS	-	-	(660)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(530)
COMMUNICATION WIRING	LS	-	-	(290)
SIMULATED OCEAN	LS	-	-	(300)
DAMAGE RESISTANT CONSTRUCTION	LS	-	-	(560)
SUPPORTING FACILITIES	LS	-	-	7,390
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,300)
ELECTRICAL UTILITIES	LS	-	-	(690)
MECHANICAL UTILITIES	LS	-	-	(1,070)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,190)
DEMOLITION	LS	-	-	(1,140)

SUBTOTAL	-	-	-	61,900
Contingency (5.0%)	-	-	-	3,100

TOTAL CONTRACT COST	-	-	-	65,000
Supervision Inspection & Overhead (6.0%)	-	-	-	3,900

SUBTOTAL	-	-	-	68,900
DESIGN/BUILD - DESIGN COST	LS	-	-	2,490
LESS INCREMENT II FUNDING	LS	-	-	-58,190

TOTAL REQUEST	-	-	-	13,200
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,500

10. Description of Proposed Construction

Construct a multi-story concrete/steel framed building with metal roof, heating, air conditioning of the administrative and support spaces, ventilation of the event spaces, fire protection, telephone, entrance

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
BATTLE STATIONS (INCREMENT I)	745

(...continued)

canopy, mechanical and electrical utilities, emergency generator, technical operating manuals, parking, recruit pedestrian concourse, loading dock, and site improvements. The facility will contain battle station events that include a simulated ocean, ship mockups, pier mockups, briefing and debriefing rooms, observation mezzanines, and a fire-fighting simulator. To enhance realism, various technologies and ship-board simulations will be used in the events including heated pipes and bulkheads, real and simulated fire, broken water and steam pipes, flooding compartments, damaged compartments, fog, strong winds, rain, sound effects, simulated scents, and three dimensional (3-D) video projections. The existing Battle Stations/Photography Laboratory, building 1312 (4,762 m2) and existing Recruit Training Center (RTC) Administration building 1127 (12,953 m2) will be demolished. A new Photography Laboratory will be constructed as an addition to the Navy Exchange, Building 1326. RTC Administration and the Recruit Division Commanders School will be relocated from building 1127 to the new Battle Stations building. Built-in equipment includes mockups of ship decks, compartments, piers, and ocean space; ship's hatches, bits, bollards, winches, ladders; emergency generator, 3-D projection booths, ship's fire water system, propane tanks and piping, wave making machines, moving platforms, ventilators for firefighting equipment, and other equipment needed to simulate shipboard conditions. Special construction features include recessed, thickened, and isolated slabs for equipment and larger foundations for ship mockup structures. Anti-terrorism/Force Protection features will be included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 17,859 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Provides a facility, containing physically and mentally challenging events, that acts as a final test of a recruit's endurance, teamwork, basic skills and Navy core values. (Current mission)

REQUIREMENT:

Adequate facilities are required to conduct a performance test of four recruit divisions (88 recruits per division plus up to six per division repeating) at one time in a challenging and stress-filled environment simulating various shipboard emergencies. Provide an immersive Battle Stations training experience with "reality-based" Navy scenarios that

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
BATTLE STATIONS (INCREMENT I)	745

(...continued)

offer a more effective, comprehensive, and experience based/embedded training environment for new recruits. Transform existing disparate events into a story-rich, experiential environment. This training environment triggers the brain to store spatial experience and emotional reactions along with the "facts." This project provides the Navy with a state-of-the-art, highly effective training facility that can provide sailors with enhanced levels of fleet readiness. The RTC training regiment requires each recruit to satisfactorily complete Battle Stations prior to graduating. Recruits are tested on teamwork, physical endurance, seamanship skills, problem-solving skills, basic safety, and core values during the seventh week of an eight-week recruit training cycle. RTC Great Lakes, the Navy's only recruit training base, trains approximately 50,000 to 56,000 recruits per year with a maximum of 16,168 recruits present at any given time during the peak period of May through October each year.

CURRENT SITUATION:

The main Battle Stations Building #1312 was constructed in 1942 as a semi-permanent building and does not have the capability to incorporate new technology to enhance realism. It also does not meet current fire and safety codes. Battle Stations events are conducted in several facilities located in different areas of the base. Recruits run from event to event on concrete or asphalt surfaces in all types of weather resulting in increased injuries. Most of the training event mock-ups were constructed by self-help and lack adequate realism. The existing Battle Stations training is not immersible and realistic enough to cause the trainee to "suspend their disbelief" in order for the learning to transfer and be embedded as a real world experience.

Recruit classrooms are being decentralized to the new recruit barracks being constructed at RTC. When this occurs, approximately half of building 1127 will be unoccupied. Consolidation of RTC Administration and the RDC School into the new Battle Stations building will allow building #1127 to be demolished.

IMPACT IF NOT PROVIDED:

Without this project, RTC Great Lakes will not be able to maximize the training potential that is available through immersion, "reality-based," experiential learning. Training results will continue to be constrained by the limitations of a loosely connected series of events that take place in several facilities around the base. The training experience will

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
BATTLE STATIONS (INCREMENT I)	745

(...continued)
continue to be disrupted and interrupted by the transit from one building to another in all kinds of weather. Sailors will not be as confident and ready to serve the Fleet as they could be.

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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..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 2100
- (B) All Other Design Costs..... 550
- (C) Total..... 2650
- (D) Contract..... 2100
- (E) In-House..... 550

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 12/05

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00210
NAVAL TRAINING CENTER GREAT LAKES, ILLINOIS

4. Project Title	7. Project Number
BATTLE STATIONS (INCREMENT I)	745

(...continued)

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Scenario equipment	OPN	2005	1500

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: LCDR MICHAELA BRADLEY Phone No: (847)-688-4211

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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	0.96

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	46	417	2,129	0	41	0	1	515	0	3,149
b. End FY 2009	51	433	2,007	0	41	0	3	506	0	3,041

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (3,406.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	370,029.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	23,340.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	14,850.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	58,039.00
g.	REMAINING DEFICIENCY.....	63,580.00
h.	**GRAND TOTAL.....**	**529,838.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
841.10	WATER SYSTEM IMPROVEMENTS	0 LS	14,850	11/01	03/04
	TOTAL		14,850		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

226.65	AGILE CHEMICAL FACILITY (8,730 SF)	811 m2	11,894	
318.10	JOINT CAD/PAD TEST FAC (21,969 SF)	2,041 m2	14,305	
* 226.65	CONFINED BURN FACILITY (19,773 SF)	1,837 m2	16,200	
143.20	JOINT CAD/PAD TRANSFER FAC (34,380 SF)	3,194 m2	7,263	
316.10	WEAPONS ENGINEERING FAC (39,999 SF)	3,716 m2	8,377	
	TOTAL		58,039	

c. R&M Unfunded Requirement ($000): $ 108

10. Mission Or Major Functions:

Provide primary technical capability in Energetics for all warfare centers

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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	0.96

(...continued)

through: engineering, fleet and operational support, manufacturing technology, limited production, industrial base support, and secondary technical capability through research, development, test and evaluation for: energetic materials, ordnance devices and components, and related ordnance engineering standards to include: chemicals, propellants and their propulsion systems, explosives, pyrotechnics, warheads, and simulators.

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

a. Pollution Abatement (*): $ 16,200

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00174	4. Project Title
NAVAL SURFACE WARFARE CENTER DIVISION INDIAN HEAD, MARYLAND	WATER SYSTEM IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702776N	841.10	160	14,850

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WATER SYSTEM IMPROVEMENTS	LS	-	-	10,100
WATER SYSTEM IMPROVEMENTS	LS	1,000	9,649	(9,650)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(170)
BUILT-IN EQUIPMENT	LS	-	-	(100)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	2,780
MECHANICAL UTILITIES	LS	-	-	(940)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(570)
DEMOLITION	LS	-	-	(1,270)

SUBTOTAL	-	-	-	12,880
Contingency (5.0%)	-	-	-	640

TOTAL CONTRACT COST	-	-	-	13,520
Supervision Inspection & Overhead (6.0%)	-	-	-	810

SUBTOTAL	-	-	-	14,330
DESIGN/BUILD - DESIGN COST	LS	-	-	520

TOTAL REQUEST	-	-	-	14,850
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Modernize the steam plant, Building 873, feed water treatment, cooling, and storage system by constructing a reverse osmosis/continuous deionization industrial water treatment system, constructing a steam plant auxiliary equipment cooling tower system, renovating boiler feed water storage tanks, and installing pumps, piping, and related equipment to operate and maintain the modernized system. Construct two replacement potable wells with chlorination systems, three elevated water storage tanks, and river water lines to provide a dedicated source of feed water to the steam plant. Install an integrated information system to allow for remote monitoring and control of major modernized system components. Technical operating manuals will accompany all primary system components. The Anti-terrorism Construction features will be provided. Demolition will include 27 buildings, six wells, five elevated water storage tanks,

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00174
NAVAL SURFACE WARFARE CENTER DIVISION INDIAN HEAD, MARYLAND

4. Project Title	7. Project Number
WATER SYSTEM IMPROVEMENTS	160

(...continued)
the steam plant spray cooling pond, and site restoration. Demolition reflects more than 150% of the project scope area in relationship to the area of new construction. Built-in equipment includes intrusion detection system infrastructure. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

Construct and modernize the mission-critical industrial and potable water systems at Naval Surface Warfare Center (IHDIV). (Current mission)

REQUIREMENT:

Adequate secured facilities are required to accommodate a sound utilities infrastructure in order to offer a full spectrum of energetic solutions to the ordnance community, provide direct support to U.S. and Allied Forces, and support IHDIV and tenant commands. Adequate infrastructure is also required for domestic water needs and includes drilling of new wells with adequate yields into the Patuxent aquifer and construction of potable water storage tanks with capacity to satisfy industrial, domestic and fire protection requirements.

An adequate industrial water system is required to operate the steam plant, which supports energetic processes, ensures safety by maintaining explosives storage facilities at uniform temperature, and provides heat for IHDIV and tenant commands. To satisfy the feed water requirement, the project includes piping for dedicated supply of river water, reverse osmosis/continuous deionization system for year round treatment of river water and water storage tanks. To protect steam plant auxiliary equipment from over heating, project also includes an equipment-cooling loop with cooling tower. New potable water piping will include disinfections of lines.

CURRENT SITUATION:

The existing mission-critical utilities infrastructure marginally meets mission requirements with major difficulty. The water system infrastructure is so severely deteriorated that constant repairs are required simply to maintain the system. Operators must dedicate their resources to repair the system on a 24-hour, purely reactive basis. A

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00174
NAVAL SURFACE WARFARE CENTER DIVISION INDIAN HEAD, MARYLAND

4. Project Title	7. Project Number
WATER SYSTEM IMPROVEMENTS	160

(...continued)

demineralizer currently treats steam plant boiler feed water using sulfonated coal. This medium must be replaced; however, sulfonated coal is no longer manufactured due to environmental restrictions. The demineralizer cannot treat river water for six months each year due to seasonal high salinity. Therefore, IHDIV must treat potable well water to meet the 500,000 gallons per day (gpd) feed water requirement. During summer months, the existing spray cooling pond does not adequately reduce the temperature of steam plant auxiliary equipment cooling water. To avoid equipment damage, operators must use 129,000 gpd of potable water for equipment cooling. IHDIV currently obtains potable water from 10 wells. Recent studies indicate that countywide use of the Patapsco aquifer is maximized; nine IHDIV wells currently pull from this aquifer. Many wells are low yielding, and the aged well houses contain lead paint. The elevated storage tanks at IHDIV have deteriorated inner and outer coatings; the outer coatings rank above the Consumer Product Safety Commission's recommended lead level. In addition, the tank capacity at IHDIV's Stump Neck Annex does not meet the National Fire Protection Association Code and monitoring requirements established by the Environmental Protection Agency.

IMPACT IF NOT PROVIDED:

The mission-critical utilities infrastructure will marginally meet mission requirements. IHDIV will also be affected by the following specific impacts: 1) the condition of the existing industrial and potable water systems will remain beyond repair. 2) Replacement of the demineralizer sulfonated coal medium with a gel medium is possible; however, the gel medium would not be able to treat ground water or high-salinity river water due to the mineral content. Therefore, renting a mobile reverse osmosis/deionization unit to treat steam plant boiler feed water for six months each year would be required. 3) The potable water system will continue to rely upon aged, low-yielding wells drawing from a maximized aquifer. 4) IHDIV will be unable to reduce the use of potable water for steam plant machinery cooling. 5) Operators will be required to dedicate their resources to emergency repairs of pumps, tanks, waterlines, and equipment. 6) Continued violation of the National Fire Protection Association code for emergency flow at Stump Neck Annex. 7) The lead content of the outer coating on the existing elevated water storage tanks will continue to exceed the level recommended by the Consumer Product Safety Commission. 8) Existing monitoring and control system will be unable to support continuous monitoring requirements.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00174
NAVAL SURFACE WARFARE CENTER DIVISION INDIAN HEAD, MARYLAND

4. Project Title	7. Project Number
WATER SYSTEM IMPROVEMENTS	160

(...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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 398
- (B) All Other Design Costs..... 133
- (C) Total..... 531
- (D) Contract..... 133
- (E) In-House..... 398

(4) Contract Award..... 11/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 04/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This is an installation utility/infrastructure project and does not qualify

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00174
NAVAL SURFACE WARFARE CENTER DIVISION INDIAN HEAD, MARYLAND

4. Project Title	7. Project Number
WATER SYSTEM IMPROVEMENTS	160

(...continued)

for joint use at this location. However, all tenants on this installation are benefited by this project.

Activity POC: CDR ANDERS KINSEY Phone No: (301) 744-4286

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00421	4. Command	5. Area Constr Cost Index
NAVAL AIR WARFARE CENTER/AIRCRAFT DIV PATUXENT RIVER MARYLAND	Naval Air Systems Command	1.08

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	798	1,932	6,586	0	0	0	81	27	0	9,424
b. End FY 2009	951	2,283	5,833	0	0	0	81	27	0	9,175

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (13,812.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	736,604.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	38,236.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	24,370.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	60,082.00
g.	REMAINING DEFICIENCY.....	190,897.00
h.	**GRAND TOTAL.....**	**1,050,189.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
311.25	JSF TEST FACILITY (29,396 SF)	2,731 m2	24,370	01/03	05/04
	TOTAL		24,370		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

311.25	AIRCRAFT PROTOTYPE FAC (90,255 SF)	8,385 m2	34,556
311.10	MARITIME T&E SUPPORT LAB (46,801 SF)	4,348 m2	11,166
311.25	LANDING SYS TEST FAC ADDN (13,896 SF)	1,291 m2	5,152
317.25	AIRCRAFT SYS LAB ADDN (10,204 SF)	948 m2	3,362
317.25	ATC & LS INTEGRATION LAB (47,996 SF)	4,459 m2	5,846
	TOTAL		60,082

c. R&M Unfunded Requirement ($000): $ 159,761

10. Mission Or Major Functions:

Test and evaluate aircraft and weapon systems, components, and their related

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00421	4. Command	5. Area Constr Cost Index
NAVAL AIR WARFARE CENTER/AIRCRAFT DIV PATUXENT RIVER MARYLAND	Naval Air Systems Command	1.08

(...continued)

equipment for Fleet use. Station also supports tactical support squadrons and the Navy Test Pilot School. Supports the Naval Air Systems Command Headquarters and supports elements of the Naval Research Laboratory; Flight Support Detachment Air Test and Evaluation Squadron VX-1; Navy Test Pilot School; Fleet Air Reconnaissance Squadron (alert site).

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00421	4. Project Title
NAVAL AIR TEST CENTER PATUXENT RIVER, MARYLAND	JOINT STRIKE FIGHTER (JSF) TEST & SUPPORT FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702876N	311.25	129	24,370

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
JOINT STRIKE FIGHTER (JSF) TEST/SUPPORT FACS (71,203 SF)	m2	6,615	-	19,240
JSF TEST COMPLEX (11,205 SF)	m2	1,041	2,495	(2,600)
FLIGHT TEST SUPPORT FACILITY (23,142 SF)	m2	2,150	2,265	(4,870)
ADDITION TO HANGAR 2133 (20,032 SF)	m2	1,861	2,305	(4,290)
HANGAR 2133 UPGRADES	LS	-	-	(3,100)
ENGINE MAINTENANCE/LOGISTICS (16,824 SF)	m2	1,563	1,850	(2,890)
BUILT-IN EQUIPMENT	LS	-	-	(680)
INFORMATION SYSTEMS	LS	-	-	(240)
TECHNICAL OPERATING MANUALS	LS	-	-	(300)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(270)
SUPPORTING FACILITIES	LS	-	-	1,900
SPECIAL FOUNDATION FEATURES	LS	-	-	(380)
ELECTRICAL UTILITIES	LS	-	-	(260)
MECHANICAL UTILITIES	LS	-	-	(160)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(570)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(200)
DEMOLITION	LS	-	-	(330)
SUBTOTAL	-	-	-	21,140
Contingency (5.0%)	-	-	-	1,060
TOTAL CONTRACT COST	-	-	-	22,200
Supervision Inspection & Overhead (6.0%)	-	-	-	1,330
SUBTOTAL	-	-	-	23,530
DESIGN/BUILD - DESIGN COST	LS	-	-	840
TOTAL REQUEST	-	-	-	24,370
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	5,700

10. Description of Proposed Construction

This project will construct a multi-story masonry and steel building off of Shaw Road that will provide high bay engine maintenance space, engineering office areas, and laboratory space for the Joint Strike Fighter Flight Test Program. This project will provide electrical system upgrades in the hangar bay of Hangar 2133 that will support the new JSF

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00421
NAVAL AIR TEST CENTER PATUXENT RIVER, MARYLAND

4. Project Title	7. Project Number
JOINT STRIKE FIGHTER (JSF) TEST & SUPPORT FACILITIES	129

(...continued)

aircraft. Hangar 2133 will also be upgraded to adequately meet JSF program requirements, including 270-volt DC power units to support JSF aircraft and aircraft weapon systems, and re-configuration and new finishes of engineering spaces to support the JSF flight test program engineers. Two permanent flight test facilities will be constructed. One facility will support the aircraft flight test and evaluation engineering workspaces between Hangars 115 and 2133. The second facility will be an addition to Hangar 2133 and will provide secured data laboratories and engineering data analysis workstations. The project includes electrical and mechanical utilities, paving and site improvements, and technical operating manuals. Buildings 191, 227, 1391, 1486, 1668, 1913, 1914, and 1918 will be demolished. Anti-terrorism/force protection measures will be provided. Built-in equipment includes a 5-ton overhead crane, elevators, and 270V DC power systems. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders.

11. Requirement: 6,615 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs a multi-story aircraft systems development and demonstration test facility and two flight test support facilities. (New mission)

REQUIREMENT:

Adequate aircraft and aircraft weapon systems test facilities are required at Naval Air Warfare Center Aircraft Division (NAWCAD)/Naval Air Station (NAS) Patuxent River to successfully complete the Systems Development and Demonstration (SDD) phase of the JSF Program on time and within budget. The JSF Program is an Office of the Secretary of Defense Acquisition Category I Program. The initial JSF SDD phase Integrated Flight Test aircraft team will arrive at NAWCAD/NAS Patuxent River in April 2005. Completion of this MILCON by April 2005 is essential to support prerequisite, long-lead outfitting projects and complete operational tests such as phone, Local Area Networks and Wide Area Networks, and physical security systems, for both contractor and government. This project will support flight test activity for the JSF SDD Program and follow on tests and evaluations. This project will support the Fleet with improved flight test facilities for JSF tactical aircraft. The JSF is the next generation fighter jet that will be produced in three different variants (Navy, Marine and Air Force variants). In order to support the testing of this

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00421
NAVAL AIR TEST CENTER PATUXENT RIVER, MARYLAND

4. Project Title	7. Project Number
JOINT STRIKE FIGHTER (JSF) TEST & SUPPORT FACILITIES	129

(...continued)

scope and complexity, testing will be conducted at both the Air Force Flight Test Center (Edwards AFB), California and NAWCAD at NAS Patuxent River, Maryland. The proposed location of this project capitalizes on the diverse and unique Research, Development, Test and Evaluation capabilities, resources and services at Patuxent River. Development of the aircraft carrier and the Short Take-off Vertical Landing (STOVL) aircraft variants dictate the use of the test facilities at Patuxent River in a sea-level environment.

CURRENT SITUATION:

Adequate facilities do not currently exist to support this new mission. Construction of new facilities, as well as modification of existing facilities, is required.

IMPACT IF NOT PROVIDED:

Without this project, delays will occur in the JSF acquisition schedule and prolong the transition of this aircraft to the Fleet in support of augmentation of other operating Fleet aircraft, e.g. AV-8B and FA/18 A-F. Failure to provide this project prior to the start of JSF Flight Test site activation will require significant expenditures for temporary relocatables, resulting in shortcomings at other facilities and security work arounds.

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	01/03
(B) Date Design 35% Complete	03/04
(C) Date Design Complete	05/04
(D) Percent Complete As Of September 2002	0%
(E) Percent Complete As Of January 2003	0%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	Yes

(2) Basis:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00421
NAVAL AIR TEST CENTER PATUXENT RIVER, MARYLAND

4. Project Title	7. Project Number
JOINT STRIKE FIGHTER (JSF) TEST & SUPPORT FACILITIES	129

(...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..... 650
(B) All Other Design Costs..... 216
(C) Total..... 866
(D) Contract..... 216
(E) In-House..... 650

(4) Contract Award..... 12/03

(5) Construction Start..... 02/04

(6) Construction Completion..... 04/05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Furnishings	RDT&E,N	2005	5700

JOINT USE CERTIFICATION:

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

Activity POC: CAPT CHARLES MILLER Phone No: (301) 757-4829

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63043	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION MERIDIAN, MISSISSIPPI	Chief of Naval Education and Training	0.95

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	497	562	1,848	0	882	0	137	59	0	3,985
b. End FY 2009	495	562	1,866	0	1,050	0	137	59	0	4,169

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (12,427.00)	
b.	INVENTORY TOTAL AS OF 31 May 2002.....	127,454.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	15,260.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	4,570.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	11,339.00
g.	REMAINING DEFICIENCY.....	66,961.00
h.	**GRAND TOTAL.....**	**225,584.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
141.25	FIRE & RESCUE STATION (17,384 SF)	1,615 m2	4,570	06/02	06/04
	TOTAL		4,570		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

740.54	STUDENT UN/SNGL SAILOR FAC (14,800 SF)	1,375 m2	3,435
141.20	RENOVATE BUILDING 100 (7,825 SF)	727 m2	1,636
730.10	PUBLIC SAFETY FACILITY (5,813 SF)	540 m2	1,541
872.10	AIRFIELD PERIMETER FENCING (125,801 LF)	38,344 m	4,727
	TOTAL		11,339

c. R&M Unfunded Requirement ($000): $ 33,411

10. Mission Or Major Functions:

Maintain and operate facilities and provide services and materials to support operations of Aviation activities and units of the Naval Training Command. Supports three jet training squadrons and the Naval Technical

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63043	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION MERIDIAN, MISSISSIPPI	Chief of Naval Education and Training	0.95

(...continued)

Training Center.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63043	4. Project Title
NAVAL AIR STATION MERIDIAN, MISSISSIPPI	FIRE AND RESCUE STATION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	141.25	295	4,570

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FIRE AND RESCUE STATION (16,576 SF)	m2	1,540	-	3,200
FIRE RESCUE STATION (16,576 SF)	m2	1,540	1,864	(2,870)
BUILT-IN EQUIPMENT	LS	-	-	(280)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(20)
INFORMATION SYSTEMS	LS	-	-	(30)
SUPPORTING FACILITIES	LS	-	-	760
ELECTRICAL UTILITIES	LS	-	-	(200)
MECHANICAL UTILITIES	LS	-	-	(100)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(230)
DEMOLITION	LS	-	-	(230)

SUBTOTAL	-	-	-	3,960
Contingency (5.0%)	-	-	-	200

TOTAL CONTRACT COST	-	-	-	4,160
Supervision Inspection & Overhead (6.0%)	-	-	-	250

SUBTOTAL	-	-	-	4,410
DESIGN/BUILD - DESIGN COST	LS	-	-	160

TOTAL REQUEST	-	-	-	4,570
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

One-story steel frame building, slab-on-grade, masonry veneer, built-up roof on insulated metal deck over steel trusses; includes apparatus bays, maintenance and repair, living quarters, kitchen, lounge, and administrative spaces; supporting facilities include fire protection system, fiber optics, information systems, heating and air conditioning, utilities, and paving and site improvements. Demolition of Building 3 (1,314 square meters) and Building 210 is included. Anti-terrorism/force protection and sound attenuation features will be addressed in the design and construction of this facility. Built-in equipment includes an alarm system and an emergency generator. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63043
NAVAL AIR STATION MERIDIAN, MISSISSIPPI

4. Project Title	7. Project Number
FIRE AND RESCUE STATION	295

(...continued)

11. Requirement: 1,540 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs a consolidated Structural and Aircraft Fire/Rescue Facility. (Current mission)

REQUIREMENT:

Adequate and efficiently configured facilities are required to provide structural fire, crash and rescue services for the airfields and surrounding facilities. Fire Protection personnel must respond to all fires and downed aircraft in the Centroid area. Fire protection personnel are required to be on duty for 24 consecutive hours. The total crew force assigned to this facility is 35 people. One fire engine and three crash and rescue crews will utilize this facility. The Fire Fighting personnel are required to have a training session each day and are required to exercise a minimum of thirty minutes every day. Adequate space for training and physical fitness shall be provided. This facility should also be sized to adequately accommodate Fire Inspectors and Extinguisher Maintenance personnel. The Fire Inspectors investigate all fires located on NAS Meridian and require adequate office space.

CURRENT SITUATION:

Building 3, NAS Meridian's Combined Structural and Fire/Rescue Station is currently inadequate in size. The bunkroom, showers, restrooms, kitchen and lounge are too small and in need of repair. This situation negatively impacts the quality of life. Also, the facility is located at the end of South Runway and half of the building is located in a clear zone, which is a safety violation. Noise is a serious problem, and the current facility does not have adequate sound attenuation.

IMPACT IF NOT PROVIDED:

The facility will remain in a clear zone from the South Runway, which is a safety violation. The quality of life among the fire fighters will remain low. They will continue to hold training sessions in undersized rooms, and not have adequate space to perform mandated physical fitness.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63043
NAVAL AIR STATION MERIDIAN, MISSISSIPPI

4. Project Title	7. Project Number
FIRE AND RESCUE STATION	295

(...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..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 122
- (B) All Other Design Costs..... 41
- (C) Total..... 163
- (D) Contract..... 41
- (E) In-House..... 122

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 10/04

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis;

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63043
NAVAL AIR STATION MERIDIAN, MISSISSIPPI

4. Project Title	7. Project Number
FIRE AND RESCUE STATION	295

(...continued)
however, the scope of the project is based on Navy requirements.

Activity POC: BOB WARGO Phone No: DSN 637-2417

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60478	4. Command	5. Area Constr Cost Index
NAVAL WEAPONS STATION EARLE, NEW JERSEY	Commander, Atlantic Fleet	1.21

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	169	1,952	1,837	0	0	0	0	0	0	3,958
b. End FY 2009	71	408	2,406	0	0	0	0	0	0	2,885

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (11,851.00)	
b.	INVENTORY TOTAL AS OF 31 May 2002.....	223,952.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	3,350.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	26,740.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	52,044.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	32,704.00
g.	REMAINING DEFICIENCY.....	5,060.00
h.	**GRAND TOTAL.....**	**343,850.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
151.20	PIER COMPLEX RPL (INC I) (340,161 SF)	31,602 m2	26,740	11/01	09/03
	TOTAL		26,740		

9. Future Projects:

a. Included In The Following Program (FY 2005):

151.20	PIER COMPLEX RPL (INC II) (1,854 FB)	565 MB	47,579
872.10	SECURTY/PERIMTR FENCE/WALL	0 LS	4,465
	TOTAL		52,044

b. Major Planned Next Three Years:

151.20	PIER COMPLEX RPL (INC III)	0 LS	32,704
	TOTAL		32,704

c. R&M Unfunded Requirement ($000): $ 45,840

10. Mission Or Major Functions:

To provide fleet operational services and infrastructure management to support combat logistic homeporting, ordnance functions and tenant activities and execution of national military strategy. Ordnance function includes: to receive, renovate, maintain, store, and issue ammunition, explosives, expendable ordnance items, weapons, and maintain basic and war

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60478	4. Command	5. Area Constr Cost Index
NAVAL WEAPONS STATION EARLE, NEW JERSEY	Commander, Atlantic Fleet	1.21

(...continued)

reserve ammunition stocks. Station also acts as overseas ammunition transhipment point for Armed Forces.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60478	4. Project Title
NAVAL WEAPONS STATION EARLE, NEW JERSEY	GENERAL PURPOSE BERTHING PIER REPLACEMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	151.20	032	Auth 123,720 Appr 26,740 Auth for Appr 26,740

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
GENERAL PURPOSE BERTHING PIER REPLACEMENT (340,161 SF)	m2	31,602	-	72,010
CONSTRUCT NEW PIER (128,962 SF)	m2	11,981	3,759	(45,040)
CONSTRUCT NEW TRESTLE (106,778 SF)	m2	9,920	1,574	(15,610)
PIER 2 UPGRADES (94,249 SF)	m2	8,756	514	(4,500)
CONSTRUCT WYE AREA FOR NEW PIER (10,172 SF)	m2	945	3,644	(3,440)
FINISH WYE AREA AFTER TRESTLE REMOVAL	LS	-	-	(1,600)
TUG/BARGE BERTHS	LS	-	-	(1,010)
TECHNICAL OPERATING MANUALS	LS	-	-	(810)
SUPPORTING FACILITIES	LS	-	-	39,150
ELECTRICAL UTILITIES	LS	-	-	(4,050)
MECHANICAL UTILITIES	LS	-	-	(6,260)
MOBILIZE/DEMOBILIZE	LS	-	-	(700)
DEMOLISH PIER AND TRESTLE 2	LS	-	-	(6,990)
DEMOLISH PIER AND TRESTLE 3	LS	-	-	(9,320)
DISPOSE CONTAMINATED DREDGE MATERIAL	LS	-	-	(2,810)
DREDGING	LS	-	-	(8,420)
REMOVE RIPRAP MATERIAL	LS	-	-	(600)

SUBTOTAL	-	-	-	111,160
Contingency (5.0%)	-	-	-	5,560

TOTAL CONTRACT COST	-	-	-	116,720
Supervision Inspection & Overhead (6.0%)	-	-	-	7,000

SUBTOTAL	-	-	-	123,720
INCREMENTS II AND III FUNDING	LS	-	-	-96,980

TOTAL REQUEST	-	-	-	26,740
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

The project scope is based on upgrading the Earle Pier Complex. This includes replacing deteriorated Piers and Trestles 2 and 3. These facilities were constructed in 1944 (over 57 years old) and have reached their physical and economical limits. The project is required to support

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60478
NAVAL WEAPONS STATION EARLE, NEW JERSEY

4. Project Title	7. Project Number
GENERAL PURPOSE BERTHING PIER REPLACEMENT	032

(...continued)

the Naval Weapons Station (NWS) Earle mission of providing four homeport service berths for AOE class ships. The unit cost includes the cost of the pier, a narrow double deck the full length of the pier, and extra structural support for the additional weight of the diesel train and cars. Construction of the project will include the following three increments:

INCREMENT I - Increment I will include mobilization; upgrading Pier 2 to provide temporary berths during construction; demolition of existing Pier and Trestle 3; and dredging to -47' (14.33m) (approximately 526,017 cubic meters).

INCREMENT II - Increment II will include mobilization; new trestle with steel or concrete piles and pile caps; new pier with steel or concrete piles and pile caps; concrete deck construction; finish wye area after Trestle 3 removal; and construct shore utilities.

INCREMENT III - Increment III will include completing the new pier and trestle from the new concrete deck. Construction will include the following: utility galleries, railroad tracks, fender system, pier buildings, counter terrorism features (lighting, cameras and floating barrier), the construction of tug/barge berths, the completion of mechanical and electrical systems (including lightning protection and onshore utilities); and the demolition of Pier and Trestle 2.

Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 31,602 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs a replacement weapons loading/homeport pier and approach trestle. (Current mission)

REQUIREMENT:

The proposed project is required to support the NWS Earle requirement to provide two piers. Berths are required to support four AOE class ships, each with a maximum length of 243 meters. One berth is required for U. S. Navy ammunition shipload out and three berths are required to support AOE class ships.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60478
NAVAL WEAPONS STATION EARLE, NEW JERSEY

4. Project Title	7. Project Number
GENERAL PURPOSE BERTHING PIER REPLACEMENT	032

(...continued)

The requirement is based on the Navy decision to reassign or relocate current homeported ships at NWS Earle. Prior to the decision, NWS Earle was the homeport for the following four AOE class ships: USS Seattle (AOE-3), USS Detroit (AOE-4), USS Supply (AOE-6), and USS Arctic (AOE-8). As a result of the Navy decision, the USS Seattle has shifted its homeport to Norfolk, Virginia (June 2001) and the USS Supply has transferred to the Military Sealift Command (Civilian crew) (July 2001). The USS Arctic will transfer to the Military Sealift Command over the next four years. These two ships will remain at Earle. The USS Detroit will remain a Navy ship and will continue to be homeported at Earle. As a result of the reassignment/relocation of the homeported ships, the AOE class requirement at NWS Earle remains at four berths. The total requirement is to provide 1,130 meters of berthing at two piers. An additional requirement is to provide four berths for small craft (Tug, Barges, Security Patrol Boats). Currently, at the Pier Complex, six small boats are utilized for oil pollution control, work around the pier and security patrols. In addition to the small boats, tugboats and work barges support the Pier Complex.

CURRENT SITUATION:

Currently, the NWS Earle Pier Complex is comprised of the following three piers: Pier 2, Pier 3, and Pier 4 (Pier 1 serves as the temporary explosive truck holding yard at the Waterfront).

Pier 2 (concrete deck on timber piles) provides one berth for homeporting and is dredged to -35 ft. Pier 2 was constructed in 1944 and is limited by the following restrictions: Dredged depth restricts AOE berthing; Structural restrictions: One AOE can be berthed on the West side with wind velocities up to 60 miles per hour (MPH) maximum, two AOE's - can be berthed with wind velocities up to 30 MPH maximum; Pier 2 requires platform modifications for ordnance loading; ordnance loading on Pier 2 is restricted due to pier length and existing pier building; Pier and Trestle 2 requires timber pile repairs; The railroad tracks on Pier 2 are in poor condition and are non-certified. Pier 2 requires new east side fenders/mooring dolphins; and Pier 2 has insufficient electrical connections on the east side. Structural testing and engineering analysis of the pier and trestle structure has identified significant areas of deterioration. The on-going process of structural degradation has prompted concern for the safety of operations on Pier and Trestle 2.

Pier 3 (concrete deck on timber piles) provides two berths for ordnance loading and is dredged to -35 ft. Pier 3 was constructed in 1944 and is limited by the following restrictions: dredged depth restricts AOE

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60478
NAVAL WEAPONS STATION EARLE, NEW JERSEY

4. Project Title	7. Project Number
GENERAL PURPOSE BERTHING PIER REPLACEMENT	032

(...continued)

berthing; Pier 3 utilities are limited to water and sewer only; all rail lines on the east side of Pier 3 are in poor condition and are shut down; Trestle 3 requires deck and rail repairs; timber pile repairs are required on Pier and Trestle 3; and Pier 3 requires a new fender system to support AOE class ships.

Pier 4 (concrete deck on steel piles) provides 2 berths for homeporting or ordnance loading and is dredged to -47 ft. Pier 4 was constructed in 1990 and is not limited by restrictions.

IMPACT IF NOT PROVIDED:

Continued use of existing Piers/Trestles 2 and 3 will eventually result in structural failures which will significantly affect and diminish NWS Earle's ability to perform its mission. These facilities are 57 years old and have reached their economic and designed life.

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..... 11/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 710
- (B) All Other Design Costs..... 237
- (C) Total..... 947
- (D) Contract..... 592

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N60478
NAVAL WEAPONS STATION EARLE, NEW JERSEY

4. Project Title	7. Project Number
GENERAL PURPOSE BERTHING PIER REPLACEMENT	032

(...continued)

(E) In-House..... 355

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 11/06

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

JOINT USE CERTIFICATION:

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

Activity POC: LCDR DANIEL MCNAIR Phone No: 732-577-2317

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68335	4. Command	5. Area Constr Cost Index
NAVAL AIR WARFARE CTR/AIRCRAFT DIV LAKEHURST, NEW JERSEY	Naval Air Systems Command	1.21

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	37	269	1,672	0	0	0	27	134	0	2,139
b. End FY 2009	50	321	1,580	0	0	0	27	134	0	2,112

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (7,430.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	134,042.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	15,710.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	20,681.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	3,641.00
g.	REMAINING DEFICIENCY.....	22,700.00
h.	**GRAND TOTAL.....**	**196,774.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
149.20	EMALS FACILITY (18,105 SF)	1,682 m2	20,681	11/01	03/04
	TOTAL		20,681		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

872.15	PERIM & IS SECURITY IMPVS	0 LS	3,641
	TOTAL		3,641

c. R&M Unfunded Requirement ($000): $ 0

10. Mission Or Major Functions:

Conduct programs of research, engineering, development, development test, systems integration, limited production, procurement, and fleet engineering support in aircraft launch and recovery, aircraft landing systems, ground support equipment for aircraft and airborne weapons systems.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68335	4. Project Title
NAVAL AIR WARFARE CENTER AIRCRAFT DIV LAKEHURST, NEW JERSEY	ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS) FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0212176N	149.20	252	20,681

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (E (20,602 SF)	m2	1,914	-	14,040
UNDERGROUND CONTROLS/DATA/ELEC ROOMS (1121 M (14,617 SF)	m2	1,358	4,403	(5,980)
OFFICE SPACE - CONVERT PHOTO LAB IN B362 (55 (5,985 SF)	m2	556	1,058	(590)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SPECIAL COSTS	LS	-	-	(920)
BUILT-IN EQUIPMENT	LS	-	-	(6,400)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	3,890
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(1,130)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(2,510)
DEMOLITION	LS	-	-	(90)
SUBTOTAL	-	-	-	17,930
Contingency (5.0%)	-	-	-	900
TOTAL CONTRACT COST	-	-	-	18,830
Supervision Inspection & Overhead (6.0%)	-	-	-	1,130
SUBTOTAL	-	-	-	19,960
DESIGN/BUILD - DESIGN COST	LS	-	-	721
TOTAL REQUEST	-	-	-	20,681
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	35,000

10. Description of Proposed Construction

Construct a steel reinforced concrete trough structure that will contain the electromagnetic propulsion equipment supported by a steel frame structure that will simulate the underlying conditions on an aircraft carrier. Provide access tunnels for wiring and other services, pile foundations, dead load brake rail run-outs, restraining buttress structures, additional runway pavement, underground spaces for catapult controls, power facilities, electrical distribution wiring, data acquisition systems, communication wiring, drinking water, cooling water,

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68335
NAVAL AIR WARFARE CENTER AIRCRAFT DIV LAKEHURST, NEW JERSEY

4. Project Title	7. Project Number
ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS) FACILITY	252

(...continued)
sanitary sewer, industrial sewer, technical operating manuals, paving, site improvements and demolition. The facility will be constructed adjacent to an existing steam catapult site that will afford direct access to a runway, be in close proximity to existing utilities and test personnel, consolidate existing test facilities, and provide office space. Anti-terrorism/Force Protection features will be included. Built-in equipment consists of Catapult Structure. A special cost is included for Guide and Brake Rails. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 1,914 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs the infrastructure, supporting buildings, and interfacing utilities for the EMALS, the next-generation shipboard aircraft launching system, currently under development and scheduled for deployment aboard the next generation aircraft carrier, CVNX-1. (New mission)

REQUIREMENT:

This project provides a land-based Electromagnetic Aircraft Launching System facility required to support the full-scale deployment of a new type of launching system and to provide life-cycle support for this aircraft launcher that is scheduled for deployment on the CVNX-1 aircraft carrier. The CVNX-1 carrier is scheduled for Initial Operating Capability (IOC) in 2013. This land-based facility will serve as the life-cycle support facility for the EMALS, will have the same configurations as the CVNX shipboard systems, will be used for test and evaluation of future system modifications, and will be used conduct aircraft compatibility testing of new and modified naval aircraft. This facility will be used to verify EMALS performance through testing with dead loads and naval aircraft prior to production of the four EMAL catapults for the CVNX-1. In order to meet the CVNX-1 schedule, testing of the full-scale EMALS will take place at this unique EMALS facility during FY2007-2008.

CURRENT SITUATION:

The Fleet is currently launching aircraft from carriers with steam catapults that are supported by land-based steam catapults. Since the electromagnetic catapult is currently in the development phase, the

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68335
NAVAL AIR WARFARE CENTER AIRCRAFT DIV LAKEHURST, NEW JERSEY

4. Project Title	7. Project Number
ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS) FACILITY	252

(...continued)
requirement for a land-based EMALS facility is a new requirement.

IMPACT IF NOT PROVIDED:

If the site construction necessary to implement the land-based phase of the EMALS program is delayed, the overall schedule to deliver the system to the Fleet, starting in 2010 to meet CVNX-1 IOC of FY 2013, will be adversely impacted.

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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 543
- (B) All Other Design Costs..... 181
- (C) Total..... 724
- (D) Contract..... 181
- (E) In-House..... 543

(4) Contract Award..... 11/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 03/06

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68335
NAVAL AIR WARFARE CENTER AIRCRAFT DIV LAKEHURST, NEW JERSEY

4. Project Title	7. Project Number
ELECTROMAGNETIC AIRCRAFT LAUNCHING SYSTEM (EMALS) FACILITY	252

(...continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
EMALS Equipment	RDT&E	2006	35000

JOINT USE CERTIFICATION:

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

Activity POC: CDR STEVEN FISCHER Phone No: 732-323-2601

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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	0.94

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	125	1,097	1,603	333	6,891	0	2,005	24,839	3,118	40,011
b. End FY 2009	104	715	1,623	149	4,452	0	2,425	28,553	3,193	41,214

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (127,508.00)	
b.	INVENTORY TOTAL AS OF 03 May 2002.....	116,329.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	81,850.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	29,450.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	7,040.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	68,615.00
g.	REMAINING DEFICIENCY.....	466,665.00
h.	**GRAND TOTAL.....**	**769,949.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
143.45	CONSOLIDATED ARMORY (60,138 SF)	5,587 m2	10,270	09/01	09/03
441.12	JOINT MARITIME OPS & TRNG (38,137 SF)	3,543 m2	12,880	11/02	05/04
171.10	US JOINT MARITIME INST FAC (23,594 SF)	2,192 m2	6,300	11/02	05/04
	TOTAL		29,450		

9. Future Projects:

a. Included In The Following Program (FY 2005):

214.53	ASSUALT BREACHER VEH FAC	0 SF	3,665
143.45	ARMORY CAMP GEIGER	0 LS	3,375
	TOTAL		7,040

b. Major Planned Next Three Years:

721.24	BACHELOR ENLISTED QUARTERS	0 LS	20,471
721.24	US JOINT MARITIME BEQ (68,620 SF)	6,375 m2	16,608
722.10	ENLISTED DINING FACILITY	0 LS	9,410
721.24	BACHELOR ENLISTED QUARTERS	0 LS	14,781
610.72	4TH MEB COMMAND CENTER	0 LS	7,345
	TOTAL		68,615

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

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	0.94

(...continued)

c. R&M Unfunded Requirement ($000): $ 105,880

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.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGIMENT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0206496M	143.45	227	10,270

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGI (60,138 SF)	m2	5,587	-	6,590
ARMORY FSSG (28,503 SF)	m2	2,648	1,266	(3,350)
ARMORY 2D MARINE REGIMENT (19,483 SF)	m2	1,810	1,266	(2,290)
CCA 2D FSSG (5,974 SF)	m2	555	633	(350)
CCA 2D MARINE REGIMENT (6,178 SF)	m2	574	633	(360)
INFORMATION SYSTEMS	LS	-	-	(140)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	LS	-	-	2,640
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(620)
ELECTRICAL UTILITIES	LS	-	-	(210)
MECHANICAL UTILITIES	LS	-	-	(40)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,000)
DEMOLITION	LS	-	-	(360)
ENVIRONMENTAL MITIGATION	LS	-	-	(320)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(90)
SUBTOTAL	-	-	-	9,230
Contingency (5.0%)	-	-	-	460
TOTAL CONTRACT COST	-	-	-	9,690
Supervision Inspection & Overhead (6.0%)	-	-	-	580
TOTAL REQUEST	-	-	-	10,270
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct two, single-story reinforced Concrete Masonry Unit (CMU) buildings with structural walls supported on spread footing, concrete slab on grade foundation, structural steel framing, CMU interior walls, and reinforced concrete roof with modified bituminous roofing. Buildings will provide an armory for the 2D Force Service Support Group (2D FSSG) and an armory for the 2D Marine Regiment (2D Marines) at Camp Lejeune, North Carolina. Construction also includes a Covered Cleaning Area (CCA) for the 2D FSSG armory and a CCA for the 2D Marines armory. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGIMENT	227

(...continued)
executive orders. Special construction features include pile foundation. Electrical utilities include telephone, electrical, Intrusion Detection System (IDS), energy saving Electronic Monitoring and Control System (EMCS), and fire alarm. Mechanical utilities include compressed air, heating, ventilation and air conditioning (HVAC), dehumidification system, fire protection system. Supporting facilities include site and building utility connections (water, telephone, electrical, sanitary and storm sewers, and Local Area Network (LAN)). Paving and site improvements include exterior site and building lighting, perimeter fencing and gates, roads, sidewalks, paved parking, storm water management, retention pond, earthwork, fill, grading, and landscaping. Project includes demolition of six existing single-story, CMU buildings (FC301, 504, 218, 230, 231, and 232) and seven existing CCAs (S149, S280, S370, S470, S543, S546, and S1822). Project also includes Technical Operating Manuals, Anti-Terrorism/Force protection features, and environmental mitigation.

11. Requirement: 6,768 m2 Adequate: 1,181 m2 Substandard: 0 m2

PROJECT:

Replaces armories for the 2D FSSG and 2D Marine Regiment. (Current mission)

REQUIREMENT:

Project is required to provide adequate armory facilities to control, secure, and maintain the small arms and crew served weapons of 2D FSSG and 2D Marine Regiment.

CURRENT SITUATION:

The 2D Marines Regimental armory currently operates from buildings constructed in the 1940's as company warehouses. The current 2D FSSG armory was constructed in 1968. The 2D Marines' structures have exceeded their useful lives. None of the facilities provide adequate environmental control to ensure proper weapons preservation. HVAC consists of kerosene space heaters in the winter and window-unit air conditioners in the summer. The buildings lack basic quality of life features such as potable water and bathrooms. Also, due to the type of materials in the 2D Marines' regimental armory (wood trusses, 1'' x 6'' sheathing, asphalt shingles, brick veneer with wood studs and plaster exterior walls, sliding warehouse doors, sheetrock and acoustical drop in ceilings, 4'' floor slab) and the 2D FSSG armory (2'' thick concrete roof, 5'' floor slab, no

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGIMENT	227

(...continued)

reinforced 8'' CMU with brick veneer exterior walls), and the construction standards used during construction, these buildings cannot feasibly be renovated to meet current physical security or Anti-Terrorism/Force Protection requirements.

The 2D FSSG and the 2D Marine Regiment armories do not meet current physical security structural requirements. The exterior walls, ceilings, roofs, windows, and doors do not meet the construction standards required for armories. Exterior walls, ceilings and roofs require 8'' of reinforced concrete, floor slab requires 6'' of reinforced concrete and doors are required to be Class V vault doors.

The existing armories do not have the required clear zone distance of 30' from the fence to the structure nor do they have the required clear space of 20' outside the fence. Real estate is not available to move the fence to get the required 30' clear space. In addition, moving the fences would block street access to other buildings in the area.

IMPACT IF NOT PROVIDED:

Physical security of weapons will remain inadequate at the present location. Continued excessive cleaning and maintenance efforts will be required to offset the negative climate/environmental effects on the weapons stored in the current facilities. Personnel will continue to work in an inadequate facility lacking basic quality of life features.

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..... 09/01
(B) Date Design 35% Complete..... 01/03
(C) Date Design Complete..... 09/03
(D) Percent Complete As Of September 2002..... 2%
(E) Percent Complete As Of January 2003..... 35%
(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... No
(H) Energy study/life-cycle analysis performed..... Yes

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
CONSOLIDATED ARMORIES, FSSG & 2D MARINE REGIMENT	227

(...continued)

(2) Basis:
(A) Standard or Definitive Design: Yes
(B) Where Design Was Most Recently Used: CAMP LEJEUNE P-150

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 569
(B) All Other Design Costs..... 190
(C) Total..... 759
(D) Contract..... 475
(E) In-House..... 284

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: CAPT KEVIN SLATES Phone No: 910-451-2326

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	U.S. JOINT MARITIME OPERATIONS AND TRAINING FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0216496M	143.41	1094	12,880

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
U.S. JOINT MARITIME OPERATIONS AND TRAINING (38,137 SF)	m2	3,543	-	7,730
SUPPLY WAREHOUSE (8,105 SF)	m2	753	1,029	(770)
VEHICLE/BOAT MAINTENANCE FACILITY (7,998 SF)	m2	743	1,619	(1,200)
SHOOTING HOUSE (5,005 SF)	m2	465	1,034	(480)
TRAINING POOL (17,029 SF)	m2	1,582	2,491	(3,940)
TECHNICAL OPERATING MANUALS	LS	-	-	(150)
INFORMATION SYSTEMS	LS	-	-	(450)
ENVIRONMENTAL MITIGIATION	LS	-	-	(450)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(290)
SUPPORTING FACILITIES	LS	-	-	3,440
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,250)
ELECTRICAL UTILITIES	LS	-	-	(620)
MECHANICAL UTILITIES	LS	-	-	(550)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(820)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(200)

SUBTOTAL	-	-	-	11,170
Contingency (5.0%)	-	-	-	560

TOTAL CONTRACT COST	-	-	-	11,730
Supervision Inspection & Overhead (6.0%)	-	-	-	700

SUBTOTAL	-	-	-	12,430
DESIGN/BUILD - DESIGN COST	LS	-	-	450

TOTAL REQUEST	-	-	-	12,880
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construction will be reinforced Concrete Masonry Unit (CMU) buildings with reinforced concrete slab on pile foundation, structural steel frame, brick veneer, building insulation, and standing seam metal roof. Complex will provide training facilities for the maritime special training operations including: warehouse space, administrative space, vehicle/boat maintenance areas, covered boat storage, 50 meter indoor training pool, shooting

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
U.S. JOINT MARITIME OPERATIONS AND TRAINING FACILITIES	1094

(...continued)
house. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include telephone, information systems, electrical distribution, Intrusion Detection System (IDS), and fire alarm. Mechanical systems include heating ventilation and air conditioning (HVAC), plumbing, and fire protection system. Supporting facilities work includes site and building utility connections (water, telephone, electrical, sanitary and storm sewers, natural gas, cable television, and Local Area Network (LAN)). Paving and site improvements include vehicle parking lot and paved roadways, sidewalks, site excavation/rock removal, grading, landscaping and storm water management. Project includes Technical Operating Manuals and Anti-Terrorism/Force Protection features.

11. Requirement: 3,543 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project is the first of three projects that constructs a new training and operations complex in support of joint U.S. Navy (USN), Marine Corps (USMC), and Coast Guard (USCG) maritime special missions training. (Current mission)

REQUIREMENT:

This project is required to provide adequate training facilities for maritime special missions training operations.

CURRENT SITUATION:

As a result of the terrorist attacks on the USS COLE, the Pentagon and World Trade Center, the demand for both expeditionary and domestic port security training has increased more than 500%. This demand includes standing up 12 new 100-man USCG Maritime Safety and Security Teams (MSST) for domestic operations, and 13 new US Navy Mobile Security Forces (MSF) for expeditionary operations over the next three years. The Coast Guard also intends to increase the number of Port Security Units (PSU) by as much as 100% during that same period. US Navy Harbor Patrol Units (HPU) which operate in CONUS USN installations are requesting tactical boat operations training, and the international demand from countries such as Greece (2004 Olympics), Panama (canal), Canada and others is skyrocketing. Combined with this unit's recent diversification into counter-narcotics fast boat training and non-lethal weapons, this represents a 10-fold

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
U.S. JOINT MARITIME OPERATIONS AND TRAINING FACILITIES	1094

(...continued)

growth in mission, billets and funding. The training package provided here is offered nowhere else in the country, and is heavily dependent on the use of Camp Lejeune ranges, both land and waterside. The interim facilities of BB-11 and BB-71 will meet short-term requirements, but will not meet steady state three years down the road. As it stands now, much of TRADET's gear is stored in temporary armories and CONNEX boxes throughout Courthouse Bay, and much of the billeting is now out on the economy. Courthouse Bay provides excellent facilities for riverine training and operations. Ready access to the New River, Atlantic Ocean, and existing live-fire ranges and facilities at Camp Lejeune greatly enhances the available training environment. Completion of the proposed facilities would establish a ''world class'' riverine center of excellence that would jointly serve the needs of the Coast Guard, Navy, and Marine Corps providing training that would serve as a key component of the nations war on terrorism.

IMPACT IF NOT PROVIDED:

Ninety five percent of all cargo, including critical military supplies, is transported by water via the ports of the world. Recent events have highlighted the almost complete vulnerability of these ports to terrorist attacks. Such an attack on a critical port could severely impair a war effort overseas and would wreak economic havoc for that part of the country served by a particular port. As part of a comprehensive approach to port security, there is an immediate U.S. requirement to have units on the water to provide a critical line of defense. These units must be able to integrate between agencies to operate effectively. The only way to achieve this is to provide standardized training and doctrine.

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..... 11/02
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 05/04
- (D) Percent Complete As Of September 2002..... 0%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
U.S. JOINT MARITIME OPERATIONS AND TRAINING FACILITIES	1094

(...continued)

(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 335
(B) All Other Design Costs..... 112
(C) Total..... 447
(D) Contract..... 112
(E) In-House..... 335

(4) Contract Award..... 12/03

(5) Construction Start..... 02/04

(6) Construction Completion..... 08/05

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Joint use construction is recommended.

Activity POC: CAPT KEVIN SLATES Phone No: 910-451-2326

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001	4. Project Title
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	U.S. JOINT MARITIME HEADQUARTERS/ARMORY/ACADEMIC

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0216496M	171.10	1093	6,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
U.S. JOINT MARITIME	m2	2,192	-	3,540
HEADQUARTERS/ARMORY/AC (23,594 SF)				
ARMORY (1,572 SF)	m2	146	1,341	(200)
WEAPONS CLEANING (861 SF)	m2	80	810	(60)
COAST GUARD HEADQUARTERS FACILITY (8,267 SF)	m2	768	1,499	(1,150)
ACADEMIC INSTRUCTION (12,895 SF)	m2	1,198	1,454	(1,740)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(320)
TECHNICAL OPERATING MANUAL	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	1,910
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(430)
ELECTRICAL UTILITIES	LS	-	-	(630)
MECHANICAL UTILITIES	LS	-	-	(280)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(570)

SUBTOTAL	-	-	-	5,450
Contingency (5.0%)	-	-	-	270

TOTAL CONTRACT COST	-	-	-	5,720
Supervision Inspection & Overhead (6.0%)	-	-	-	340

SUBTOTAL	-	-	-	6,060
DESIGN/BUILD - DESIGN COST	LS	-	-	240

TOTAL REQUEST	-	-	-	6,300
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construction will be reinforced Concrete Masonry Unit (CMU) buildings with reinforced concrete slab on pile foundation, structural steel frame, brick veneer, building insulation, and standing seam metal roof. Complex will provide training facilities for the maritime special training operations including: armory, weapons cleaning area, administrative space, academic and applied instruction areas. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include telephone, information systems, electrical

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
U.S. JOINT MARITIME HEADQUARTERS/ARMORY/ACADEMIC INSTRUCTION FACILITIES	1093

(...continued)
distribution, Intrusion Detection System (IDS), and fire alarm. Mechanical systems include heating ventilation and air conditioning (HVAC), plumbing, and fire protection system. Supporting facilities work includes site and building utility connections (water, telephone, electrical, sanitary and storm sewers, natural gas, cable television, and Local Area Network (LAN)). Paving and site improvements include vehicle parking lot and paved roadways, sidewalks, site excavation/rock removal, grading, landscaping and storm water management. Project includes Technical Operating Manuals and Anti-Terrorism/Force Protection features.

11. Requirement: 2,192 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project is the second of three projects that constructs a new training and operations complex in support of joint U.S. Navy (USN), Marine Corps (USMC), and Coast Guard (USCG) maritime special missions training. (Current mission)

REQUIREMENT:

This project is required to provide adequate training facilities for maritime special missions training operations.

CURRENT SITUATION:

As a result of the terrorist attacks on the USS COLE, the Pentagon and World Trade Center, the demand for both expeditionary and domestic port security training has increased more than 500% over the last year. This demand includes standing up 12 new 100-man USCG Maritime Safety and Security Teams (MSST) for domestic operations, and 13 new US Navy Mobile Security Forces (MSF) for expeditionary operations over the next three years. The Coast Guard also intends to increase the number of Port Security Units (PSU) by as much as 100% during that same period. US Navy Harbor Patrol Units (HPU) which operate in CONUS USN installations are requesting tactical boat operations training, and the international demand from countries such as Greece (2004 Olympics), Panama (canal), Canada and others is skyrocketing. Combined with this unit's recent diversification into counter-narcotics fast boat training and non-lethal weapons, this represents a 10-fold growth in mission, billets and funding. The training package provided here is offered nowhere else in the country, and is heavily dependent on the use of Camp Lejeune ranges, both land and waterside. The interim facilities of BB-11 and BB-71 will meet short-term

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
U.S. JOINT MARITIME HEADQUARTERS/ARMORY/ACADEMIC INSTRUCTION FACILITIES	1093

(...continued)

requirements, but will not meet steady state three years down the road. As it stands now, much of TRADET's gear is stored in temporary armories and CONNEX boxes throughout Courthouse Bay, and much of the billeting is now out on the economy. Courthouse Bay provides excellent facilities for riverine training and operations. Ready access to the New River, Atlantic Ocean, and existing live-fire ranges and facilities at Camp Lejeune greatly enhances the available training environment. Completion of the proposed facilities would establish a ''world class'' riverine center of excellence that would jointly serve the needs of the Coast Guard, Navy, and Marine Corps providing training that would serve as a key component of the nations war on terrorism.

IMPACT IF NOT PROVIDED:

Ninety five percent of all cargo, including critical military supplies, is transported by water via the ports of the world. Recent events have highlighted the almost complete vulnerability of these ports to terrorist attacks. Such an attack on a critical port could severely impair a war effort overseas and would wreak economic havoc for that part of the country served by a particular port. As part of a comprehensive approach to port security, there is an immediate U.S. requirement to have units on the water to provide a critical line of defense. These units must be able to integrate between agencies to operate effectively. The only way to achieve this, is to provide standardized training and doctrine.

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	11/02
(B) Date Design 35% Complete	08/03
(C) Date Design Complete	05/04
(D) Percent Complete As Of September 2002	0%
(E) Percent Complete As Of January 2003	2%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/life-cycle analysis performed	Yes

(2) Basis:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67001
MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

4. Project Title	7. Project Number
U.S. JOINT MARITIME HEADQUARTERS/ARMORY/ACADEMIC INSTRUCTION FACILITIES	1093

(...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..... 163
(B) All Other Design Costs..... 55
(C) Total..... 218
(D) Contract..... 55
(E) In-House..... 163

(4) Contract Award..... 12/03

(5) Construction Start..... 02/04

(6) Construction Completion..... 02/05

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Joint use construction is recommended.

Activity POC: CAPT KEVIN SLATES Phone No: 910-451-2326

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62573	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	Commandant of the Marine Corps	0.94

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	35	240	133	104	205	0	536	3,973	230	5,456
b. End FY 2009	29	208	151	78	353	0	631	4,434	242	6,126

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (127,507.00)	
b.	INVENTORY TOTAL AS OF 03 May 2002.....	144,795.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	29,940.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	6,240.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	28,338.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	11,915.00
g.	REMAINING DEFICIENCY.....	27,218.00
h.	**GRAND TOTAL.....**	**248,446.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
* 841.10	WATER TREATMENT FACILITY	0 LS	6,240	09/01	09/03
	TOTAL		6,240		

9. Future Projects:

a. Included In The Following Program (FY 2005):

171.35	ADD TO SIMULATOR BUILDING	0 LS	2,804
721.24	BACHELOR ENLISTED QUARTERS	0 LS	18,253
171.20	CONSTRUCT FREST FACILITY (38,061 SF)	3,536 m2	7,281
	TOTAL		28,338

b. Major Planned Next Three Years:

211.05	AIRCRAFT HANGAR	0 LS	11,915
	TOTAL		11,915

c. R&M Unfunded Requirement ($000): $ 7,004

10. Mission Or Major Functions:

Note: Block 7a and 7b Total Acreage and Total Inventory numbers are for the Host Activity M67001 MCB Camp Lejeuene.

Provides facilities, services, and material necessary to support major rotary wing elements of a Marine Aircraft Wing, including aircraft

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62573	4. Command	5. Area Constr Cost Index
MARINE CORPS AIR STATION NEW RIVER, NORTH CAROLINA	Commandant of the Marine Corps	0.94

(...continued)

maintenance and air traffic control, operation and maintenance of outlying fields and confined area landing sites necessary for the operational training of helicopter air crews.

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

a. Pollution Abatement (*): $ 6,240

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62573	4. Project Title
MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA	WATER TREATMENT FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202056M	841.10	647	6,240

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WATER TREATMENT FACILITY	LS	-	-	3,250
PRESSURE FILTERS/ION EXCHANGE	EA	2	555,000	(1,110)
AERATOR	EA	4	26,000	(100)
RAW WATER PUMPS	EA	5	20,000	(100)
FINISHED WATER PUMPS	EA	5	20,000	(100)
WASTE WATER PUMP	EA	1	13,000	(10)
RAW WATER STORAGE TANKS	EA	2	120,000	(240)
FINISHED WATER STORAGE TANKS	EA	2	200,000	(400)
BRINE WASTE STORAGE TANK	EA	1	39,000	(40)
GENERATORS WITH ENCLOSURE	EA	2	104,000	(210)
CHEMICAL FEED SYSTEMS	LS	-	-	(240)
INFORMATION SYSTEMS	LS	-	-	(200)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
WATER TREATMENT OPS/MAINT BLDG (4,198 SF)	m2	390	1,077	(420)
SUPPORTING FACILITIES	LS	-	-	2,360
INSTRUMENTATION AND CONTROLS	LS	-	-	(500)
ELECTRICAL UTILITIES	LS	-	-	(600)
MECHANICAL UTILITIES	LS	-	-	(500)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(760)

SUBTOTAL	-	-	-	5,610
Contingency (5.0%)	-	-	-	280

TOTAL CONTRACT COST	-	-	-	5,890
Supervision Inspection & Overhead (6.0%)	-	-	-	350

TOTAL REQUEST	-	-	-	6,240
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construction of a new 3.5 million gallon/day (mgd) water treatment facility. Project includes construction of a 390 m2 treatment building that houses the chemical feed systems, high service pumps, pressure filters, storage tanks, generators and post treatment chemical feed systems. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA

4. Project Title	7. Project Number
WATER TREATMENT FACILITY	647

(...continued)
include telephone, fire alarms, information systems, and electronic monitoring and control system (EMCS). Mechanical utilities include plumbing, fire protection system, and heating ventilation and air conditioning (HVAC). Supporting facilities include site and building utility connections (water, sanitary and storm sewers, telephone, electrical, and Local Area Network)). Paving and site improvements include exterior site and building lighting, fencing, vehicle gates, grading earthwork and landscaping. Project includes Technical Operating Manuals and the demolition of the existing water treatment facility, AS110.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

This project provides a 3.5 mgd reverse osmosis (RO) water treatment system to reliably provide sufficient quantity of quality potable water consistent with current and future regulatory compliance. (Current mission)

REQUIREMENT:

Provide adequate supply of potable water to meet the domestic, industrial, and fire protection requirements of Marine Corps Air Station (MCAS) New River.

CURRENT SITUATION:

Due to difficulty maintaining consistent treated-water quality, MCAS New River has been unable to comply with the Lead and Copper Rule (LCR). In addition, the existing treatment system does not meet the requirements of the Disinfectant/Disinfection Byproducts (D/DB) Rule. Finally, the existing facilities at MCAS, New River are unable to provide the rated plant capacity of 3.5 mgd with the existing filters and clearwell pumps.

IMPACT IF NOT PROVIDED:

MCAS New River will continue having difficulties providing water that is in compliance with the LCR and will not be able to meet the D/DB Rule. In the event of a 3.5 mgd demand, MCAS New River would be unable to meet its requirements.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA

4. Project Title	7. Project Number
WATER TREATMENT FACILITY	647

(...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..... 09/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 314
- (B) All Other Design Costs..... 105
- (C) Total..... 419
- (D) Contract..... 262
- (E) In-House..... 157

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M62573
MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA

4. Project Title	7. Project Number
WATER TREATMENT FACILITY	647

(...continued)

This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

Activity POC: RANDY SCOTT Phone No: DSN: 750-5402

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32411	4. Command	5. Area Constr Cost Index
NAVAL STATION NEWPORT, RHODE ISLAND	Commander, Atlantic Fleet	1.09

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,368	793	3,707	152	570	0	258	138	0	6,986
b. End FY 2009	1,463	896	3,962	152	570	0	244	81	0	7,368

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (96.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	144,873.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	15,126.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	16,140.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	2,364.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	65,040.00
g.	REMAINING DEFICIENCY.....	14,876.00
h.	**GRAND TOTAL.....**	**258,419.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BEQ REPLACMENT (NAPS) (105,239 SF)	9,777 m2	16,140	06/02	06/04
	TOTAL		16,140		

9. Future Projects:

a. Included In The Following Program (FY 2005):

872.10	SECURTY/PERIMTR FENCE/WALL	0 LS	2,364
	TOTAL		2,364

b. Major Planned Next Three Years:

721.11	BEQ REPLACMENT (BOOST) (113,613 SF)	10,555 m2	22,659
721.11	CBQ (179,628 SF)	16,688 m2	31,756
721.11	BEQ REPLACMENT (NAPS) (105,239 SF)	9,777 m2	4,435
179.55	TRAINING POOL REPLACEMENT	1 EA	3,331
821.61	REPL FUEL OIL STOR TANKS	1,250,0 GA	2,859
	TOTAL		65,040

c. R&M Unfunded Requirement ($000): $ 51,674

10. Mission Or Major Functions:

"NAVSTA Newport's Mission is to maintain and operate facilities and provide

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32411	4. Command	5. Area Constr Cost Index
NAVAL STATION NEWPORT, RHODE ISLAND	Commander, Atlantic Fleet	1.09

(...continued)

services and material to support operations for tenant activities, supported activities and visiting Fleet units, and to perform such other functions and tasks as may be directed by higher authority. Services are provided in nine major departments."

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32411	4. Project Title
NAVAL STATION NEWPORT NEWPORT RHODE ISLAND	BACHELOR ENLISTED QUARTERS NAVAL ACADEMY PREP SCHOOL (NAPS)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202576N	721.11	454	16,140

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS (NAPS) (76,531 SF)	m2	7,110	-	13,330
BACHELOR ENLISTED QUARTERS (76,531 SF)	m2	7,110	1,776	(12,630)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(400)
BUILT-IN EQUIPMENT	LS	-	-	(180)
TECHNICAL OPERATING MANUALS	LS	-	-	(120)
SUPPORTING FACILITIES	LS	-	-	670
ELECTRICAL UTILITIES	LS	-	-	(200)
MECHANICAL UTILITIES	LS	-	-	(170)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(300)
SUBTOTAL	-	-	-	14,000
Contingency (5.0%)	-	-	-	700
TOTAL CONTRACT COST	-	-	-	14,700
Supervision Inspection & Overhead (6.0%)	-	-	-	880
SUBTOTAL	-	-	-	15,580
DESIGN BUILD DESIGN COST	LS	-	-	560
TOTAL REQUEST	-	-	-	16,140
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a multi-story steel framed building for the Naval Academy Preparatory School (NAPS) Bachelor Enlisted Quarters (BEQ) consisting of 90 "2+2" Navy modules housing 360 personnel with four persons per module. A Navy 2+2 module includes two double-occupancy sleeping areas, 4 personal closets and a shared bathroom and shower. Construction for this facility includes common spaces such as laundry facilities, bulk storage, utility space, mail service area, circulation space, multi-purpose space (lounges and meeting rooms), vending area, guest toilets, supply storage room, administration area, and reception area. Project also includes, site improvements, utilities, fire protection, anti-terrorism/force protection features, data information systems (telephone, local area network, and cable TV) and built-in equipment (elevators and card locks).

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32411
NAVAL STATION NEWPORT NEWPORT RHODE ISLAND

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS NAVAL ACADEMY PREP SCHOOL (NAPS)	454

(...continued)
Intended Utilization: 360 NAPS Students

Maximum Utilization: 360 NAPS Students

11. Requirement: 360 PN Adequate: 0 PN Substandard: 360 PN

PROJECT:

This project constructs a new Bachelor Quarters to meet Navy housing standards for a total of 360 Naval Academy Preparatory School students. (Current mission)

REQUIREMENT:

Sufficient and adequate bachelor housing that meets current Navy standards is required for NAPS students assigned to Naval Station Newport. Adequate bachelor housing is essential to allow NAPS to perform their mission. The primary mission at Naval Station Newport is to support the tenant commands in the Newport, Rhode Island area. One of its major functions is to provide adequate living quarters for the personnel assigned to the NAPS school.

NAPS is a 10-month program tailored to prepare selected candidates for officer accession through the U.S Naval, Coast Guard and Merchant Marine Academies. Seventy-five percent of the candidate population is accessed directly out of high school. The remaining twenty-five percent is made up of prior service Navy, Marine and Coast Guard candidates.

The mission of NAPS is to prepare selected candidates morally, mentally, and physically, with emphasis on strengthening the academic foundation of individual candidates for officer accession through the U.S. Naval, Coast Guard, and Merchant Marine Academies. The 10-month program from July - May of each year consists of an Indoctrination period (approximately 3-weeks), three 12-week trimesters, and a post-academic period (10-days) ending with graduation.

Building #197 - Nimitz Hall constructed in 1964, houses the students attending the schools of STA-21 (Sailor to Admiral - 21) and NAPS. As part of the training and education received at these schools, the students must be available for evening classes and tutoring sessions and maintain military discipline. As such, students must be berthed together with their classmates. In addition to the berthing spaces, NAPS has training and athletic support spaces located in this building.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32411
NAVAL STATION NEWPORT NEWPORT RHODE ISLAND

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS NAVAL ACADEMY PREP SCHOOL (NAPS)	454

(...continued)

CURRENT SITUATION:

The existing BEQ does not meet current Navy standards and requirements or provide for the needs of the existing NAPS students. The facility is in poor condition. Attempts to better the conditions of the occupants have been limited to cosmetic improvements due to the cost of reconfiguring the building's core structure. Additionally, the facility cannot be economically altered to meet current standards. The 38-year-old building is deteriorated, particularly the plumbing and heating systems. The electrical system is inadequate during periods of peak demand, such as summer and early fall, due to computer and personal fan electrical loads. Electrical problems cause interruptions during the academic day. Constant repairs are required to keep the heads in an operating condition. The facility lacks air conditioning and does not meet anti-terrorism and force protection criteria.

The existing facility does not meet current Navy space standards. In addition the building utilizes ''gang'' common heads and shower areas while the standards call for four personnel to share a head and shower.

IMPACT IF NOT PROVIDED:

Failure to provide adequate housing for aspiring officers impacts their quality of living. Naval Station Newport will continue to house NAPS students in a building that is over 38 years of age. Off base housing of these students is impractical due to the requirements they be housed together for their structured living and they be located near support facilities such as the school, library and dining 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..... 06/02
(B) Date Design 35% Complete..... 12/03
(C) Date Design Complete..... 06/04
(D) Percent Complete As Of September 2002..... 2%
(E) Percent Complete As Of January 2003..... 2%
(F) Type of Design Contract..... Design Build

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32411
NAVAL STATION NEWPORT NEWPORT RHODE ISLAND

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS NAVAL ACADEMY PREP SCHOOL (NAPS)	454

(...continued)

(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 432
(B) All Other Design Costs..... 144
(C) Total..... 576
(D) Contract..... 144
(E) In-House..... 432

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 03/05

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$149,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$0

E. Future Unaccompanied Housing R&M Requirements:
$4,845,000

JOINT USE CERTIFICATION:

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

Activity POC: ROGER POISSON, P.E. Phone No: DSN 948-2161

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N66604	4. Command	5. Area Constr Cost Index
NAVAL UNDERSEA WARFARE CENTER DIV 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 9/30/02	1,368	1,065	3,707	0	350	0	258	85	0	6,833
b. End FY 2009	1,463	1,168	3,962	0	350	0	244	81	0	7,268

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (227.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	155,143.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	22,190.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	10,890.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	16,736.00
g.	REMAINING DEFICIENCY.....	22,200.00
h.	**GRAND TOTAL.....**	**227,159.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
315.20	UNDERWATER WEAPON SYS LAB (49,998 SF)	4,645 m2	10,890	11/01	03/04
	TOTAL		10,890		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

315.20	SUB PAYLOADS/INTEGR LAB (78,684 SF)	7,310 m2	8,385
315.20	U/S LAUNCHER/MISLE SYS LAB (44,401 SF)	4,125 m2	8,351
	TOTAL		16,736

c. R&M Unfunded Requirement ($000): $ 12,766

10. Mission Or Major Functions:

The Naval Underwater System Center (NUWS) is the Navy's full-spectrum research, development, test and evaluation, engineering and fleet support center for submarines, autonomous underwater systems, and offensive and defensive weapons systems associated with undersea warfare.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N66604	4. Project Title
NAVAL UNDERSEA WARFARE CENTER DIVISION NEWPORT, RHODE ISLAND	UNDERSEA WEAPON SYSTEM LABORATORY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0806376N	315.20	011	10,890

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
UNDERSEA WEAPON SYSTEM LABORATORY (49,998 SF)	m2	4,645	-	8,200
UNDERSEA NETWORK CENTRIC LABORATORY (49,998 SF)	m2	4,645	1,575	(7,320)
TECHNICAL OPERATING MANUALS	LS	-	-	(150)
INFORMATION SYSTEMS	LS	-	-	(50)
BUILT-IN EQUIPMENT	LS	-	-	(610)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)
SUPPORTING FACILITIES	LS	-	-	1,250
ELECTRICAL UTILITIES	LS	-	-	(170)
MECHANICAL UTILITIES	LS	-	-	(90)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(150)
DEMOLITION	LS	-	-	(840)
SUBTOTAL	-	-	-	9,450
Contingency (5.0%)	-	-	-	470
TOTAL CONTRACT COST	-	-	-	9,920
Supervision Inspection & Overhead (6.0%)	-	-	-	600
SUBTOTAL	-	-	-	10,520
DESIGN/BUILD - DESIGN COST	LS	-	-	370
TOTAL REQUEST	-	-	-	10,890
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	3,062

10. Description of Proposed Construction

This project will construct a laboratory facility with steel framing and concrete floors, masonry walls with brick facing, glass curtain walls, raised floors, ethylene propylene diene monomer (EPDM) membrane roofing, and fire protection/detection systems. Built-in equipment includes passenger and freight elevators. Buildings 112 and 112T, totaling 10,962 square meters will be demolished at the completion of P-011. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N66604
NAVAL UNDERSEA WARFARE CENTER DIVISION NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
UNDERSEA WEAPON SYSTEM LABORATORY	011

(...continued)

11. Requirement: 4,645 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs a new Network-Centric Warfare Laboratory to pursue research, development, test and evaluation (RDT&E), life-cycle Fleet support and Network-Centric Warfare integration of submarine combat systems to meet specific war-fighting capabilities identified by Fleet submarine force commanders. When completed, this project will represent the addition of a ''virtual submarine'' to the Fleet. This laboratory will be able to function as a submarine participant in exercises electronically, while remaining shore-based. (Current mission)

REQUIREMENT:

This project will provide adequate facilities to perform RDT&E of Network Centric Warfare Systems, Software, and Integration as well as associated Smart Skin Technology. Naval Undersea Warfare Center Division Newport (NUWCDIVNPT) is the Navy's premier RDT&E laboratory for submarine undersea warfare (USW) combat systems. It is charged with the responsibility for developing new and advanced technologies, USW systems acquisition, in service engineering and testing, and research on new sensors, combat control systems, and weapons systems.

Changes in the Navy's maritime strategy have shifted readiness emphasis from the anti-Soviet, deep-ocean threat to the Third World, littoral/shallow-water threat. This threat is widely dispersed and highly complex due to their ability to maintain technological currency with commercial off the shelf equipment and high quality export arms. U.S. Defense planners and Naval strategies are placing an ever-increasing emphasis on Naval readiness through superior technology. Superior technology for future Naval forces is dependent upon Research and Development (R&D) today, not only in pure science and exploratory development, but also in the successful transition of new technology into advanced/engineering development and fielded weapon systems.

Network-Centric Warfare is central to the Navy's capability to meet these requirements. NUWCDIVNPT's proposed Undersea Network Centric Laboratory (P-011) will be used to support the development and fielding of advanced submarine combat systems for full integration into a network-centric warfare configured battle group. This project will consist of two component laboratories (1) Network Centric Development Laboratory and (2)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N66604
NAVAL UNDERSEA WARFARE CENTER DIVISION NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
UNDERSEA WEAPON SYSTEM LABORATORY	011

(...continued)

Smart Skins Laboratory. These labs will provide the basis for submarine inclusion in Network Centric Warfare. Significant economic benefits will be achieved through: (1) increased and more effective system and software development, enhancement, and maintenance efficiency; (2) less sea-test expense; (3) lower prototyping costs; and (4) overall increased productivity.

Description of the Network Centric Laboratory: The Undersea Network-Centric Laboratory will function as a virtual submarine, participating in Fleet Battle Group Exercises enabling engineers to develop, evaluate, troubleshoot, fix, and provide training on existing systems as well as systems for future submarine classes. Organized as a related set of computer laboratories, the Laboratory is closely related to several other NUWCDIVNPT initiatives: (1) P-030 (Undersea Battle Space Laboratory) which will enable the Network-Centric Warfare Development Laboratory to interoperate with other NUWCDIVNPT laboratories and simulation facilities; (2) P-070 (Weapons Analysis Laboratory) which will provide the full suite of associated submarine weapon systems.

Description of the Smart Skin Laboratory: The SSL will enable several small material and chemistry laboratories to be consolidated in an area suitable for large scale development and testing of smart skin materials. Fewer laboratory management personnel, coordinated investment, and maintenance planning, and less equipment duplication will be benefits of developing smart skins in a single laboratory. In the laboratory, critical new materials will be developed and bonded to large/full scale submarine and weapon components for testing.

CURRENT SITUATION:

The advanced technologies described above are sufficiently well understood as to show great promise for inclusion in future underwater weapons designs. What is needed now is exploratory development and risk reduction afforded by larger/full scale testing. These activities are currently impossible to accomplish without suitable laboratory facilities, which do not exist at NUWCDIVNPT.

The two buildings to be replaced by P-011 are inadequate for the development of the Undersea Network Centric Laboratory for a number of reasons including: they are overcrowded because of the inflexible design, including ceiling support columns which are too close together for efficient laboratory design. All are in a serious state of deterioration and require continuous costly maintenance. They lack overhead space for

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N66604
NAVAL UNDERSEA WARFARE CENTER DIVISION NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
UNDERSEA WEAPON SYSTEM LABORATORY	011

(...continued)

the smart skin laboratory; lack adequate horizontal cableways, which hinders connectivity of laboratories; lack adequate structural integrity and foundation support for submarine hull section components, with vibration isolation; have inefficient heating and central air conditioning and ventilation system; have limited electrical power; and the current life safety codes cannot be cost effectively met.

IMPACT IF NOT PROVIDED:

Delay of this project and its laboratories will adversely impact Fleet readiness by delaying the development, testing, and integration of high priority RDT&E in Network-Centric Warfare combat systems needed to meet identified operational capabilities to counter uncertain and complex undersea warfare threats. More specifically, delay in construction of this laboratory will retard achieving the significant increases in submarine network-centric connectivity achievable with ''smart skin,'' and significantly increase or maintain the high cost of USW combat system at-sea testing. Savings of $6.3 million/year expected from software development and maintenance efficiencies and smartskin consolidation 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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N66604
NAVAL UNDERSEA WARFARE CENTER DIVISION NEWPORT, RHODE ISLAND

4. Project Title	7. Project Number
UNDERSEA WEAPON SYSTEM LABORATORY	011

(...continued)

(A) Production of Plans and Specifications..... 291
(B) All Other Design Costs..... 97
(C) Total..... 388
(D) Contract..... 97
(E) In-House..... 291

(4) Contract Award..... 12/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 04/05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Chemical Lab	NWCF	2004	999
Hull Section	NWCF	2004	200
Laser	NWCF	2004	500
Material Lab	NWCF	2004	999
System Furniture	NWCF	2004	144
Work Benches	NWCF	2004	100
Workstations	NWCF	2004	120

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LT NICHOLAS MERRY Phone No: (401) 832-4810

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67353	4. Command	5. Area Constr Cost Index
HDQTRS BN HDQTRS MARCORPS ARLINGTON VIRGINIA	Commandant of the Marine Corps	0.98

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	20	216	63	3	6	0	539	450	835	2,132
b. End FY 2009	18	180	50	3	6	0	753	544	835	2,389

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (24.00)	
b.	INVENTORY TOTAL AS OF 03 May 2002.....	47,852.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,970.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	98,441.00
h.	**GRAND TOTAL.....**	**148,263.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
740.44	PHYSICAL FITNESS CENTER (7,502 SF)	697 m2	1,970	09/01	03/04
	TOTAL		1,970		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

None

c. R&M Unfunded Requirement ($000): $ 0

10. Mission Or Major Functions:

To provide administrative support for Marine Corps personnel assigned to Headquarters Marine Corps, other departments and agencies of the federal government, joint schools within the Washington Metropolitan Area, and to provide Marine Corps security forces for the Department of the Navy in the Washington Metropolitan Area.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67353	4. Project Title
HEADQUARTERS BATTALION HENDERSON HALL ARLINGTON VIRGINIA	FITNESS CENTER ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0901296M	740.44	001A	1,970

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
FITNESS CENTER ADDITION (7,502 SF)	m2	697	-	1,510
FITNESS CENTER ADDITION (7,502 SF)	m2	697	1,959	(1,370)
BUILT-IN EQUIPMENT	LS	-	-	(60)
INFORMATION SYSTEMS	LS	-	-	(20)
TECHNICAL OPERATING MANUALS	LS	-	-	(40)
ANTI-TERRORISM/FORCE PROTECTION - BUILDING	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	200
ELECTRICAL UTILITIES	LS	-	-	(20)
MECHANICAL UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(90)
DEMOLITION	LS	-	-	(20)
ANTI-TERRORISM/FORCE PROTECTION - SITE	LS	-	-	(10)

SUBTOTAL	-	-	-	1,710
Contingency (5.0%)	-	-	-	90

TOTAL CONTRACT COST	-	-	-	1,800
Supervision Inspection & Overhead (6.0%)	-	-	-	110

SUBTOTAL	-	-	-	1,910
DESIGN/BUILD - DESIGN COST	LS	-	-	60

TOTAL REQUEST	-	-	-	1,970
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a multi-story, reinforced concrete masonry unit (CMU) fitness center addition on concrete foundation with structural steel frame, synthetic rubber membrane roofing on metal decking, and brick veneer exterior walls with precast banding. Construction includes steel doors and doorframes, and anodized aluminum window frames with insulated glass. Fitness center addition will include aerobics exercise area, combative/ martial arts training area, cardiovascular equipment training area, and staff support spaces. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes premium floors in cardio and aerobics rooms, mirrored

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67353
HEADQUARTERS BATTALION HENDERSON HALL ARLINGTON VIRGINIA

4. Project Title	7. Project Number
FITNESS CENTER ADDITION	001A

(...continued)
walls, and TV yoke/support system. Electrical systems include telephone, fire alarm systems, energy saving electronic monitoring and control system (EMCS), and information systems. Mechanical utilities include heating ventilation and air conditioning (HVAC) and fire protection system. Supporting facilities include site and building utility connections (water, electrical, sanitary and storm sewer, telephone, and Local Area Network (LAN)). Paving and site improvements include exterior site and building lighting, paved parking and sidewalks, earthwork, landscaping, and storm water management. Project also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and required demolition to existing facility.

11. Requirement: 697 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs an addition to the existing Physical Fitness Center at Henderson Hall. (Current mission)

REQUIREMENT:

Additional physical fitness space is needed at Henderson Hall to meet fitness and wellness standards. Headquarters Battalion, Henderson Hall is the administrative and logistical support center for all Marine Corps operations within the National Capital Region. Henderson Hall supports over 2000 military active duty and civilians assigned to the command as well as hundreds of military and civilian personnel of other service branches. In order to meet the physical fitness requirements of the military and civilian population served, the current physical fitness facilities at Henderson Hall must be expanded.

CURRENT SITUATION:

The existing physical fitness center (Smith Gymnasium and Gym Annex) is undersized and incapable of providing the level of service mandated by Marine Corps guidelines and standards for physical fitness and wellness. The existing Henderson Hall physical fitness facility is deficient in the following areas: inadequate space for aerobic exercise classes; insufficient cardio-vascular training and equipment space; absence of a combative/martial arts training and multi-purpose activity room.

IMPACT IF NOT PROVIDED:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67353
HEADQUARTERS BATTALION HENDERSON HALL ARLINGTON VIRGINIA

4. Project Title	7. Project Number
FITNESS CENTER ADDITION	001A

(...continued)
The ability to implement the full scope of the Marine Corps SemperFit program at Henderson Hall will be severely impaired, and the health and wellness of assigned military and civilian personnel will be negatively affected. Headquarters Battalion, Henderson Hall will not be fully mission capable in physical fitness readiness. The Henderson Hall physical fitness center will remain overcrowded and unable to meet the various and divergent fitness demands resulting in overall degradation of individual health and wellness at the command.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... No

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 52
- (B) All Other Design Costs..... 17
- (C) Total..... 69
- (D) Contract..... 17
- (E) In-House..... 52

(4) Contract Award..... 10/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/04

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M67353
HEADQUARTERS BATTALION HENDERSON HALL ARLINGTON VIRGINIA

4. Project Title	7. Project Number
FITNESS CENTER ADDITION	001A

(...continued)

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.

Activity POC: MR. FREDERICK FRIEDLEY Phone No: 703-614-1829

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00046	4. Command	5. Area Constr Cost Index
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA	Naval Sea Systems Command	0.98

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	128	662	3,663	0	0	0	55	46	0	4,554
b. End FY 2009	171	737	3,682	0	0	0	55	46	0	4,691

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (2,160.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	198,861.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	20,520.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	6,233.00
g.	REMAINING DEFICIENCY.....	83,524.00
h.	**GRAND TOTAL.....**	**309,138.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
143.65	NAVAL NETWORKS OPS CTR ADN (75,003 SF)	6,968 m2	20,520	11/01	03/04
	TOTAL		20,520		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

872.10	PHYS SECTY ENHANCE (CENT)	0 LS	6,233
	TOTAL		6,233

c. R&M Unfunded Requirement ($000): $ 32,066

10. Mission Or Major Functions:

Naval Space Command enables decisive combat power for Naval Forces by advocating space warfighting requirements; providing space products, services, expertise and innovative technological solutions; and managing the Naval space cadre. Serves as the Naval Component to U. S. Space Command advising CINCSPACE on Naval warfighting capabilities, operating assigned systems, providing space products and services to National, Joint, and Naval forces, and executing the Alternate Space Control function.

NOTE: Blocks 6 and 7 are the Host UIC N00178 NSWC Dahlgren, VA numbers.

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00046	4. Command	5. Area Constr Cost Index
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA	Naval Sea Systems Command	0.98

(...continued)

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00046	4. Project Title
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA	NAVAL NETWORKS OPERATIONS CENTER ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0212176N	143.65	292	20,520

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
NAVAL NETWORKS OPERATIONS CENTER ADDITION (90,072 SF)	m2	8,368	-	15,670
NAVAL NETWORKS OPERATIONS CENTER (75,003 SF)	m2	6,968	1,420	(9,890)
BUILDING 1700 UPGRADE (15,069 SF)	m2	1,400	355	(500)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(1,050)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(60)
BUILT-IN EQUIPMENT	LS	-	-	(4,090)
SUPPORTING FACILITIES	LS	-	-	2,130
ELECTRICAL UTILITIES	LS	-	-	(220)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,680)
DEMOLITION	LS	-	-	(150)

SUBTOTAL	-	-	-	17,800
Contingency (5.0%)	-	-	-	890

TOTAL CONTRACT COST	-	-	-	18,690
Supervision Inspection & Overhead (6.0%)	-	-	-	1,120

SUBTOTAL	-	-	-	19,810
DESIGN/BUILD - DESIGN COST	LS	-	-	710

TOTAL REQUEST	-	-	-	20,520
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

New construction of a multi-story addition to the existing Building 1700 with concrete grade beam/spread footing foundations, steel frame structure, architectural concrete face block exterior skin, built-up roof systems, elevator, site utility development, fire protection system, heating ventilation and air conditioning (HVAC) system with controls, plumbing, electrical power distribution, lighting, raised computer-type flooring, communication systems, shipping/receiving dock, intrusion detection, site improvements, landscaping, and anti-terrorism force protection features. This project will also renovate 1,400 m2 of existing

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00046
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA

4. Project Title	7. Project Number
NAVAL NETWORKS OPERATIONS CENTER ADDITION	292

(...continued)

space in Building 1700 into Sensitive Compartmented Information Facility (SCIF) library, laboratory, and analyst staff support space. This addition will provide SCIF space for network operations and training, as well as technical support space. Built-in equipment includes redundant HVAC (600 ton chiller), passenger and freight elevators, dry pipe sprinkler system, cable tray grid system power, uninterruptible power supply system, isolation transformers, two 1000 kilowatt generators, lightning protection, compressed air for laboratories, raised computer flooring, dock leveler lift system, built in seating, elevated tiers and hydraulic stage at training area, energy monitoring and control system, isolation transformer, fire pump, cabinets and casework, and a thickened slab at the shipping and receiving area. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders. The project includes the demolition of trailer #8 (3,600 square feet).

11. Requirement: 13,544 m2 Adequate: 5,176 m2 Substandard: 340 m2

PROJECT:

Construct a new multi-story state-of-the-art facility addition to Building 1700, the Naval Space Command, and Control Center Headquarters to perform networks operations as specified in OPNAVNOTE 5450 dated 13 March 2002 as well as space control, space force enhancement, and space support missions. (Current mission)

REQUIREMENT:

Adequate facilities are required to accommodate an efficiently configured building providing network warfare operations, space control and force enhancement, space support, information operations, and networks and space command and control in direct support of fleet and fleet marine force operational units around the world. The nature of this mission is classified; it will focus on 24-hour operations and will collect necessary command personnel into a central, highly secure operational facility.

NAVSPACECOM will bring several outlying commands into the command headquarters to consolidate functions and improve operations. Naval Satellite Operations Center will consolidate its functions in the Operations Center for conducting remote operations of satellite control functions; 50 people will be relocated from Point Mugu, California. Naval Networks Operations Command will relocate 189 people from Washington, DC.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00046
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA

4. Project Title	7. Project Number
NAVAL NETWORKS OPERATIONS CENTER ADDITION	292

(...continued)

The consolidation of commands will increase personnel to 549 people. Building 1655 will be utilized by the station for other necessary mission functions after consolidation of its mission into Building 1700.

The relocation of personnel from Point Mugu, CA makes available 35,000 square feet of space for reuse by Naval Base Ventura County, which will demolish an equivalent square footage of vacated buildings. The relocation of personnel from Washington, DC vacates 68,000 square feet of space (Nebraska Avenue), which will be made available for tenants currently housed in leased space.

CURRENT SITUATION:

The current command occupies building 1700 as well as two existing smaller buildings approximately one-half mile from Building 1700 at the Naval Surface Warfare Center, Dahlgren, VA. Eleven people are housed in Building 1655. This building will be returned to NSWC after the completion of the this project. Twenty people currently occupy Trailer 8, which is approximately 13 years old and at the end of its useful life. It has poor insulation, lacks proper HVAC systems, and has major roof leakage problems. Trailer 8 will be demolished when the personnel are moved to the new facility. The existing Building 1700 currently houses 310 civilian, military, and contractor personnel and is becoming cramped, overcrowded, and inefficient in the use of existing space.

IMPACT IF NOT PROVIDED:

Without this project, Fleet communications, navigation and intelligence will be impaired. Sensitive and highly classified nationally driven missions in Space Control and Special Technical Operations (STO) will not be executable due to lack of appropriate secret compartmented information facilities. The Navy reorganization that merges the Navy Marine Corps Internet, Naval Computer and Telecommunications Command and Naval Space Command into the Naval Network and Operations Command will not be realized. This Chief of Naval Operations directed effort is critical in meeting the global network, communications and space needs of the deployed Fleet. Direct fleet support through satellite operations will be inadequate due to the inability to house operators and engineering personnel required to manage and operate satellites. The addition provides the space required for the additional people.

Classified imagery will not be processed and direct interface with required Fleet customers will not occur due to the inability to

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00046
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA

4. Project Title	7. Project Number
NAVAL NETWORKS OPERATIONS CENTER ADDITION	292

(...continued)

consolidate personnel. This is particularly critical for emerging Hyper-Spectral Imagery technologies. The current facilities will not meet anti-terrorism/force protection criteria and facilities and personnel will continue to be at risk.

The mission of Computer Network Operations will not be possible due to the lack of a consolidated response center. General ''Quality of Life'' will continue to deteriorate due to crowding and misuse of current facilities. Inadequate and inappropriate facilities have a detrimental effect on retention and recruitment of the critical workforce. Fleet mandated education and training initiatives would not be executable due to lack of appropriate training and associated support facilities. Direct operational support to the Fleet on all information technology missions will be impossible due to the lack of a consolidated Operations Center to manage all required day-to-day functions of the new Command.

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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 550
- (B) All Other Design Costs..... 183
- (C) Total..... 733
- (D) Contract..... 183
- (E) In-House..... 550

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00046
NAVAL SPACE COMMAND DAHLGREN, VIRGINIA

4. Project Title	7. Project Number
NAVAL NETWORKS OPERATIONS CENTER ADDITION	292

(...continued)

(4) Contract Award..... 11/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LT JEFFREY CARTER Phone No: (540)-653-6181

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61414	4. Command	5. Area Constr Cost Index
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	Commander, Atlantic Fleet	0.92

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	968	6,924	1,540	0	328	0	198	455	0	10,413
b. End FY 2009	900	6,594	1,595	0	374	0	198	455	0	10,116

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (2,719.00)	
b.	INVENTORY TOTAL AS OF 31 May 2002.....	258,773.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	11,515.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,810.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	2,611.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	94,908.00
g.	REMAINING DEFICIENCY.....	119,954.00
h.	**GRAND TOTAL.....**	**491,571.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
872.10	GATE 1 IMPROVEMENTS	0 LS	3,810	06/02	09/03
	TOTAL		3,810		

9. Future Projects:

a. Included In The Following Program (FY 2005):

872.10	PERIMETER SECURITY FENCE (95,368 SF)	8,860 m2	2,611
	TOTAL		2,611

b. Major Planned Next Three Years:

155.20	REPLACE PIERS & QUAYWALL (1,440 FB)	439 MB	44,119
730.20	POLICE & SEC OPRS FAC (17,879 SF)	1,661 m2	4,754
151.20	PIER 18 & 19 REPLACEMENT (1,568 FB)	478 MB	21,498
151.20	REPLACE PIERS 58 & 59	0 LS	19,756
143.41	MOB DIVING SALVGE UNT OPS (49,439 SF)	4,593 m2	4,781
	TOTAL		94,908

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61414	4. Command	5. Area Constr Cost Index
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	Commander, Atlantic Fleet	0.92

(...continued)

c. R&M Unfunded Requirement ($000): $ 62,105

10. Mission Or Major Functions:

Serves as the east coast operational base for amphibious ships and units of the Atlantic Fleet Surface Force. Furnish homeport berthing, training, maintenance, personnel and support services. Support annual training exercises. Support Amphibious Assault Ships, Amphibious Construction Battalion, Special Warfare Group Two, Amphibious School Beach Group Two, Service Squadron Eight, Explosive Ordnance Disposal Group Two.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61414	4. Project Title
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA	GATE 1 IMPROVEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202576N	872.10	535	3,810

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
GATE 1 IMPROVEMENTS	LS	-	-	1,480
GUARD HOUSE (431 SF)	m2	40	6,207	(250)
BUILT-IN EQUIPMENT	LS	-	-	(120)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
ACTIVE VEHICLE BARRIER	LS	-	-	(300)
ELEVATED CONTROL LANE ISLAND WITH BULLNOSE	LS	-	-	(10)
GUARD HOUSE CANOPY (4,499 SF)	m2	418	1,294	(540)
PASSIVE VEHICLE BARRIER	LS	-	-	(150)
SINGLE FIRING POSITION/SHELTER	LS	-	-	(50)
VEHICLE INSPECTOR AND POV OCCUPANT SHELTER	EA	1	5,560	(10)
BUS STOP SHELTER	EA	1	22,240	(20)
SENTRY BOOTH (43 SF)	m2	4	3,762	(20)
SUPPORTING FACILITIES	LS	-	-	1,940
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(730)
ELECTRICAL UTILITIES	LS	-	-	(120)
MECHANICAL UTILITIES	LS	-	-	(110)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(980)

SUBTOTAL	-	-	-	3,420
Contingency (5.0%)	-	-	-	170

TOTAL CONTRACT COST	-	-	-	3,590
Supervision Inspection & Overhead (6.0%)	-	-	-	220

TOTAL REQUEST	-	-	-	3,810
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Project will relocate/upgrade Gate 1 and reroute the entrance road at Naval Amphibious Base Little Creek. The relocation and upgrades will provide the Anti-Terrorism/Force Protection (AT/FP) measures required to meet security requirements and terrorist threats. Project will replace the existing gate structure; install cable-reinforced security fencing with concrete anchors surrounding the revised gate location; demolish the existing guard house; construct a hardened guard house with restroom facilities, intrusion detection system (IDS), closed circuit television (CCTV), local area network (LAN), and base-wide duress alarm system;

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61414
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA

4. Project Title	7. Project Number
GATE 1 IMPROVEMENTS	535

(...continued)
provide pump station to accommodate new guard house head facilities and hardened back-up generator; construct guard house canopy with security lighting and signage; upgrade surrounding site lighting; provide one elevated control lane island with bull nose protection, permanent passive barriers from gate to active vehicle barriers, active vehicle barriers (four total) located in both inbound and outbound lanes, raised traffic median, and firing position; construct inspection and rejection area for privately owned vehicles (POVs) to include a shelter for vehicle occupants to wait during vehicle inspections; and demolish and relocate the sidewalk and install a pedestrian turnstile with I.D. card reader. In addition, project will replace existing Morale, Welfare, and Recreation (MWR) open storage at a proposed location east of Gate 1 and replace 300 parking spaces. Proposed location for the MWR open storage lot will require low-level security lighting, perimeter fencing and fencing to segregate personal vehicles from recreational equipment, and relocation of the steam lines. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

Project constructs required anti-terrorism/force protection (ATFP) measures at Gate 1 at NAB Little Creek. (Current mission)

REQUIREMENT:

Security barriers are required to stop unauthorized vehicles from entering the station during increased threat conditions. The gates/guard stations are the installation's first line of defense against terrorist attacks. The major threat at Naval Amphibious Base (NAB) Little Creek is a car or truck, with a bomb or some other form of weapon, breaching the Base's security. This vehicle could reach some of the vital piers within one minute, and the Commanding Officer's building, located less than 200 feet east of Gate 1, almost instantly.

CURRENT SITUATION:

The supported Activities make NAB Little Creek a prime target for terrorist attacks. Currently, Gate 1 uses ''Jersey barriers'' in a serpentine configuration to slow down incoming traffic, which has been limited to one lane. The process of placing these temporary barriers at

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61414
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA

4. Project Title	7. Project Number
GATE 1 IMPROVEMENTS	535

(...continued)

perimeter gates can hamper security efforts and takes an inordinate amount of time when the Force Protection Condition is rapidly increasing. The guardhouse is in a dilapidated state with all electrical conduit exposed and no insulation, head facilities, or hardening. In addition, Gate 1 does not have the proper stacking and reaction time distances or the proper amount of lanes available for the smooth flow of traffic into the base.

IMPACT IF NOT PROVIDED:

Gate 1 at NAB Little Creek will continue to not fully meet ATFP criteria and remain an easy target for terrorists to breach security with a car bomb or other forms of weapons. The guards will also continue to be subjected to unsafe conditions, such as having to stand in the middle of the road without any form of protection to check identification.

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..... 06/02
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 250
- (B) All Other Design Costs..... 84
- (C) Total..... 334
- (D) Contract..... 209
- (E) In-House..... 125

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N61414
NAVAL AMPHIBIOUS BASE LITTLE CREEK, VIRGINIA

4. Project Title	7. Project Number
GATE 1 IMPROVEMENTS	535

(...continued)

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 12/04

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This is an installation utility/infrastructure project and does not qualify for joint use at this location. However, all tenants on this installation are benefited by this project.

Activity POC: ANDREW "CHIP" FALES Phone No: (401) 841-3025

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688	4. Command	5. Area Constr Cost Index
NAVAL STATION NORFOLK, VIRGINIA	Commander, Atlantic Fleet	0.94

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	4,435	48,180	7,540	0	1	0	320	691	0	61,167
b. End FY 2009	4,175	45,290	7,527	0	1	0	320	691	0	58,004

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (576.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	749,466.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	179,540.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	110,800.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	78,631.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	93,639.00
g.	REMAINING DEFICIENCY.....	1,835,064.00
h.	**GRAND TOTAL.....**	**3,047,140.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
151.20	PIER 11 REPLACEMENT INC I (294,156 SF)	27,328 m2	27,610	11/01	09/03
211.05	A/C MAINTENANCE HANGARS (93,032 SF)	8,643 m2	36,460	11/01	03/04
721.11	BEQ HOMEPORT ASHORE INCII (1,028,492 SF)	95,550 m2	46,730	12/00	03/03
	TOTAL		110,800		

9. Future Projects:

a. Included In The Following Program (FY 2005):

872.10	TRUCK INSPECTION FAC (4,908 SF)	456 m2	3,781
151.20	PIER 11 REPLACEMENT INC II (2,851 FB)	869 MB	45,065
721.11	BEQ-SHIPBOARD ASHORE INC I (208,605 SF)	19,380 m2	28,363
148.25	SUSPECT CARGO HANDLING FAC	0 LS	1,422
	TOTAL		78,631

b. Major Planned Next Three Years:

151.20	PIER 11 REPLACEMNT INC III (2,851 FB)	869 MB	40,116

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688	4. Command	5. Area Constr Cost Index
NAVAL STATION NORFOLK, VIRGINIA	Commander, Atlantic Fleet	0.94

(...continued)

721.11	BEQ-SHIPBOARD ASHORE INCII (208,605 SF)	19,380 m2	31,510
143.77	OPERATIONAL STORAGE (MISC) (126,314 SF)	11,735 m2	13,320
113.20	STRENGTHEN ACFT PARKG APRN (370,720 SF)	34,441 m2	3,952
112.10	RECONSTRUCT TAXIWAY D (579,744 SF)	53,860 m2	4,741

	TOTAL		93,639

c. R&M Unfunded Requirement ($000): $ 160,744

10. Mission Or Major Functions:

Naval Station, Norfolk functions as the primary operating base of the Atlantic Fleet. It provides port and airfield services, extensive facilities to support the many functions performed on the base, and the full range of services needed to enhance the quality of service and quality of life of military personnel and their families. Naval Station, Norfolk is homeport to over 80 ships, including five aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. It also maintains 15 fixed-wing and helicopter squadrons, a contract Fleet Readiness Squadron (FRS) for C-12, and air cargo and air passenger terminals. In addition, the airfield host transports aircraft (C-9, C-5, C-130, B-757, DC-8, DC-5, L1011).

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688	4. Project Title
NAVAL STATION NORFOLK, VIRGINIA	PIER 11 REPLACEMENT (INCREMENT I)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0204896N	151.20	094	Auth 145,780 Appr 27,610 Auth for Appr 27,610

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PIER 11 REPLACEMENT (INCREMENT I) (294,156 SF)	m2	27,328	-	75,550
PIER 11 REPLACEMENT (294,156 SF)	m2	27,328	1,326	(36,240)
SMALL CRAFT BASIN PIER 11	LS	-	-	(1,940)
NORTH BREAKWATER DEVELOPMENT	LS	-	-	(450)
MECHANICAL UTILITIES	LS	-	-	(4,420)
ELECTRICAL UTILITIES	LS	-	-	(20,050)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,580)
5T BASIN DEVELOPMENT (OLD 25T)	LS	-	-	(10,620)
TECHNICAL OPERATING MANUALS	LS	-	-	(250)
SUPPORTING FACILITIES	LS	-	-	55,430
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(25,130)
ELECTRICAL UTILITIES	LS	-	-	(880)
MECHANICAL UTILITIES	LS	-	-	(4,390)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,660)
DEMOLITION	LS	-	-	(23,060)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(310)

SUBTOTAL	-	-	-	130,980
Contingency (5.0%)	-	-	-	6,550

TOTAL CONTRACT COST	-	-	-	137,530
Supervision Inspection & Overhead (6.0%)	-	-	-	8,250

SUBTOTAL	-	-	-	145,780
LESS FUTURE FUNDING	LS	-	-	-118,170

TOTAL REQUEST	-	-	-	27,610
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,115

10. Description of Proposed Construction

Double Deck, General Purpose Berthing Pier 28 meters (93 linear feet (LF) wide and 488 meters (1,600 LF)) long with lower deck utilidor, for a total of 869 meters of berthing (MB)). The structure consists of precast, prestressed cylindrical concrete piles, supporting precast concrete pile caps and precast concrete lower deck slabs. Utilities consist of potable water; sanitary sewer, oily waste/waste oil, steam, and fuel piping

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER 11 REPLACEMENT (INCREMENT I)	094

(...continued)

systems with ship hose service connections and expansion and freeze protection devices. Additional ship-to-shore utilities include electrical, telephone, cable television, fiber optic communications, and a fire alarm. The project includes upgrades to sanitary Pump Station #3 and approximately 460 meters (1,500LF) of existing shore-side gravity sanitary sewer. 480V shore-to-ship power capacity will be 32MVA served via eight skid-mounted secondary unit substations. Secondary unit substations will consist of secondary transformers, switchgear, breakers, and shore power outlets in weatherproof enclosures compatible for use on all 34.5kV upgraded piers. The new pier will include 4,160V and 13.8kV shore-to-ship power in a flexible system capable of supporting projected ship power requirements for CVN, CVNX, LHD-8, DDX, and possibly for later variants of LPD-17. Total area of double deck pier is 27,328 m2 (869 MB). The second deck does not require the same pile supports as the first deck, thus the cost per square meter is lower than historical costs for a single deck pier. A new relieving platform will be constructed in front of the Pier 11 bulkhead to provide a continuous, crane-capable corridor immediately along the waterfront. Anti-terrorism/force protection features will be provided.

Demolition includes: Pier 11 (892 meters of berthing (MB)), small craft basin (1187 MB), wooden finger piers G and H (548 MB), and a portion of the existing bulkhead, and the laundromat (374 m2).

Special Construction Features include: Offshore berths on both sides of the pier will be dredged to a depth of 15.3+0.6 meters (50+2 feet), inshore berth on the north side to a depth of 12.2+0.6 meters (40+2 feet), and small craft basins to 9.1+0.6 meters (30+2 feet); dredge material disposal; mounted oil boom; and two relieving platforms.

In addition, a new small craft basin in the area of Pier 5T will be developed. The Pier 5T basin includes breakwaters, small craft piers, YD-capable dolphins, perimeter relieving platforms, a 35-ton travel lift slip/boat ramp, and a boat shed.

Additional shore-side work includes removal and replacement of asphalt and concrete pavement, new pedestrian cross-walks and traffic signage, a new 7,430 m2, asphalt parking lot east of the new small craft berthing area, an 8,270 m2, asphalt paved small craft dry storage/repair area east of the small craft berthing area, chain-link security fencing, incidental repairs to paved areas disturbed by construction, provisions for relocation of Laundromat to Building #CEP58, and demolition of a small craft boathouse 403 m2.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER 11 REPLACEMENT (INCREMENT I)	094

(...continued)

Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 27,328 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project will construct a new double deck general purpose berthing pier at Naval Station (NAVSTA) Norfolk. (Current mission)

REQUIREMENT:

A comprehensive Regional Waterfront Plan for the entire Hampton Roads region drives the requirement for this project. NAVSTA has a requirement for 12,350 MB supporting a 2010 ship loading of 87 ships and utilizing ship nesting. This project constructs 884 MB of that requirement. Currently, Pier 11 is inadequate based on operational constraints. The deficiencies include inadequate utilities, structural limitations, pier separations, and deck size to support current and future ship berthing operations. To provide a portion of the required berthing at NAVSTA, Norfolk, Pier 11 must be replaced with a modern general purpose-berthing pier. The pier will be required to provide necessary utilities, deck space, and deck loading, as well as, pier to pier spacing required to provide efficient and safe general berthing capability in support of the US Atlantic Fleet. An additional CVN capable berth is provided to offset the loss of berthing capacity at times when Piers 12 or 14 are unavailable because of maintenance and recapitalization requirements. Pier 11 will be the first pier at NAVSTA capable of berthing CVNX and LHD-8 class ships. The small craft basins have the requirement to berth eight tractor tugs, five YD cranes as well as various fenders, camels, separators and barges as included in the small craft berthing requirement.

CURRENT SITUATION:

The existing Pier 11 is a one-sided pier, north side only, with the small craft piers to the south. The shore power electrical system is located in vaults below the existing pier deck resulting in moisture damage to equipment from damp conditions and, in extreme weather conditions, are subject to tidal inundation. Equipment damage and confined space access conditions result in increased maintenance costs and have resulted in the death of one and serious injury to an additional maintenance technician.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER 11 REPLACEMENT (INCREMENT I)	094

(...continued)

The current electrical configuration does not provide the required power for CVN, CVNX, LHD-8 and the planned DDX class ships. In order to provide the necessary pier-to-pier spacing and to maximize the use of piers along the entire Naval Station waterfront, the Regional Waterfront Plan relocates the small craft basin to the Pier 5T area and the inshore portion of the south side of the new Pier 11. The existing Pier 11 will be replaced to allow for berthing on both sides of the pier, alleviating the shortage of CVN/CVNX/LHD/LHA berths.

Pier 10 is currently the only other pier capable of berthing CVN-65 because of its unique power requirements; therefore, the pier must remain operational until a replacement pier is provided. Pier 11 will provide the necessary power, structural capacity, dredge depth and other capabilities to support CVN-65 and other CVNs. Pier 10, the oldest pier on the waterfront, will become available for recapitalization once this project is completed. Also, only Piers 12 and 14 are currently capable of berthing the other CVNs, greatly limiting berthing flexibility. As a result, there are no alternative CVN berths available when one of Piers 12 or 14 is unavailable due to pier maintenance requirements or an AOE or other large ship occupying a CVN berth.

The small craft piers were originally built to accommodate early submarine berthing and currently support Port-Ops tugboats and other yard craft. Harbor patrol craft are currently berthed in the ''V'' area of the former Air Station. In excellent weather, this requires a 20-minute transit to the southernmost general berthing piers with foul weather transits considerably longer. The relocated small craft basin will accommodate these harbor patrol craft placing them in the center of the waterfront and significantly decreasing emergency response times.

NAVSTA currently is developing extensive anti-terrorism/force protection enhancements to offset critical shortfalls in the piers and waterfront area.

This project is part of the long term Regional Waterfront Plan, which at its completion will result in a more efficient, secure and usable waterfront that can accommodate the future ship loading at NAVSTA Norfolk.

IMPACT IF NOT PROVIDED:

The existing pier and the NAVSTA waterfront as a whole will not be able to properly support berthing of future ship classes. By the end of 2005, two LPD-17 class ships will be homeported in Norfolk, replacing ships over 100

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER 11 REPLACEMENT (INCREMENT I)	094

(...continued)

feet shorter. The LHD-8 class ship, scheduled for delivery in 2007, will require 4160V service, the same as all other current carriers. CVNX is scheduled for delivery in 2013 and will require 13.8kV service. The lack of adequate berthing space with required utilities is part of a cumulative impact that will prevent NAVSTA from supporting all classes of homeported ships. The single sided pier and existing deck widths prohibit fire and emergency vehicle access during crane operations on the pier. Additionally, the existing deck loading is 600 pounds per square foot falling short of the 1000 pounds per square foot required for CVN loading. Lack of adequate crane operations at the existing pier drives the need to perform costly berth shifts in order to perform weapons loading, logistics and maintenance operations.

Positive impacts on the Quality of Life (QOL) will not be realized including: reduced nesting of ships will reduce ship movements, reduced numbers of cables across the inboard ship's deck, and increase maintenance opportunities and lay down area; utility outages due to storm and wave damage will decrease because of the increased elevation of a double deck pier and pipe protection; simplified CVN loading from drive on ramps to the hanger deck; increased pier width along with a deck free of utility cables will improve pier side staging of materials and ammunition movements, improved small craft berthing simplifying all aspects of port operations.

If this project is not completed, the requirements of the Regional Waterfront Plan will not be met resulting in: inadequate slip widths, inadequate total numbers of berths exacerbated by the possibility of DESRON 18 moving five ships from NNSY back to NAVSTA.

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..... 11/01
(B) Date Design 35% Complete..... 01/03
(C) Date Design Complete..... 09/03
(D) Percent Complete As Of September 2002..... 2%
(E) Percent Complete As Of January 2003..... 35%
(F) Type of Design Contract..... Design/Bid/Build

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER 11 REPLACEMENT (INCREMENT I)	094

(...continued)

(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 7901
(B) All Other Design Costs..... 2634
(C) Total..... 10535
(D) Contract..... 6585
(E) In-House..... 3950

(4) Contract Award..... 11/03

(5) Construction Start..... 12/03

(6) Construction Completion..... 11/07

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Brows (30')	O&MN	2005	237
Brows (40')	O&MN	2005	72
Brows (60')	O&MN	2005	23
Fuel Hoses	O&MN	2005	22
Life Ring Stations	O&MN	2005	5
Life Rings w/Line	O&MN	2005	2
OW/WO Hoses	O&MN	2005	27
Sewage Hoses	O&MN	2005	44
Shore Power Cables	O&MN	2005	656
Steam Hoses	O&MN	2005	27

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
PIER 11 REPLACEMENT (INCREMENT I)	094

(...continued)

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: ANDY SAMPSON Phone No: 757)-444-4450

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688	4. Project Title
NAVAL STATION NORFOLK, VIRGINIA	BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (INCREMENT II)

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0212276N	721.11	293A	Auth 0 Appr 46,730 Auth for Appr 46,730

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (	m2	95,550	-	54,340
(1,028,492 SF)				
BACHELOR ENLISTED QUARTERS (188,368 SF)	m2	17,500	1,338	(23,420)
(188,368 SF)				
PARKING STRUCTURE (840,123 SF)	m2	78,050	346	(27,010)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
INFORMATION SYSTEMS	LS	-	-	(530)
BUILT-IN EQUIPMENT	LS	-	-	(950)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(2,240)
SUPPORTING FACILITIES	LS	-	-	18,550
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(3,640)
ELECTRICAL UTILITIES	LS	-	-	(2,300)
MECHANICAL UTILITIES	LS	-	-	(1,890)
PAVEMENT	LS	-	-	(1,580)
SITE IMPROVEMENTS	LS	-	-	(2,370)
DEMOLITION	LS	-	-	(250)
THERMAL NODE PLANT	LS	-	-	(3,020)
SUSTAINABLE DESIGN	LS	-	-	(3,500)

SUBTOTAL	-	-	-	72,890
Contingency (5.0%)	-	-	-	3,640

TOTAL CONTRACT COST	-	-	-	76,530
Supervision Inspection & Overhead (6.0%)	-	-	-	4,590

SUBTOTAL	-	-	-	81,120
DESIGN/BUILD - DESIGN COST	LS	-	-	2,920
LESS INCREMENT I FUNDING	LS	-	-	-37,310

TOTAL REQUEST	-	-	-	46,730
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

This project is in support of the Department's Homeport Ashore Program. Project will construct bachelor enlisted quarters (BEQ). BEQ will be a multi-story, interior corridor building with structural steel and masonry bearing walls on a pile foundation, slab on grade, brick/block exterior

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (INCREMENT II)	293A

(...continued)

walls, concrete floors, finished interior walls and ceiling, standing-seam metal roof, metal gutters, metal downspouts, insulation, utilities, sound attenuation, and metal doors and windows. The facility will be comprised of 250 modules incorporating a ''1+1 enhanced'' module style, permanent quarters with private sleeping rooms, a shared head, and private closets. The BEQ will include high efficiency central heating/air conditioning, telephones and local area network cable outlets, fire alarm system, and sprinklers with fire pump, and utilities. Provide electrical and mechanical utilities at the site. Provide landscaping with irrigation systems and parking for the new facility. Parking will be provided for 70% of the assigned personnel (700 parking spaces).

A Thermal Node Plant for the area is included in this project and will service all the BEQ's in the area. The plant structure will be sized to accommodate the heating and cooling capacity required. Initially a steam to Low Temperature Hot Water (LTHW) converter and chiller will be installed in the building for the first BEQ constructed with 4-pipe system for heating and cooling. As additional buildings are constructed, the Node Plant can be expanded.

Built-in equipment includes elevators. Anti-Terrorism/Force Protection is included. Special construction features include pile foundation. Structural, glazing, and mechanical and utility systems will be designed in accordance with current criteria. Sustainable Design features will be fully investigated during the Design/Build phase and those items that provide the best return on initial cost will be incorporated into the project. Some of the features to be investigated include: day lighting, use of recycled materials, high efficiency lighting and mechanical systems, passive and active solar heating for hot water, water conservation and energy efficient appliances.

Intended Grade Mix: 500 E1-E4<4
Maximum Utilization: 500 E1-E4<4

11. Requirement: 9,727 PN Adequate: 2,087 PN Substandard: 0 PN

PROJECT:

This project will construct a new multi-story permanent bachelor enlisted quarters for E1 - E4 personnel within the secured boundaries of the Naval Station Norfolk and will comply with the Homeport Ashore requirement from the Chief of Naval Operations. (Current mission)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (INCREMENT II)	293A

(...continued)

REQUIREMENT:

This project is in support of the Department's Home Port Ashore Program. Adequate bachelor quarters are required at Naval Station Norfolk for shipboard sailors. A deficiency of 10,997 enlisted billeting (E1-E4<4 years) spaces exists at the Naval Station Norfolk based on the latest bachelor housing survey report dated 5 May 2001. This deficiency is a result of the new Chief of Naval Operations (CNO) directive to ''house shipboard sailors ashore.'' Completion of this project will eliminate part of the deficiency by providing a modern facility that complies with current Bachelor Housing construction standards.

CURRENT SITUATION:

Currently approximately 40,000 E1-E4 personnel live aboard ships. The enlisted single shipboard sailors have the lowest quality of life in the U.S. Navy, and shipboard berthing has been singled out as a major dissatisfier. Starting in FY 2003 the CNO has directed shipboard sailors be housed ashore while they are homeported.

IMPACT IF NOT PROVIDED:

If this project and the future follow-on Bachelor Quarters projects are not provided, the Navy will not be able to meet the CNO's directive to house the shipboard sailors ashore. This will result in continued poor quality of life conditions for the E1-E4 sailors, and will continue to negatively impact Navy retention rates.

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..... 12/00
(B) Date Design 35% Complete..... 09/02
(C) Date Design Complete..... 03/03
(D) Percent Complete As Of September 2002..... 35%
(E) Percent Complete As Of January 2003..... 90%
(F) Type of Design Contract..... Design Build
(G) Parametric Estimate used to develop cost..... Yes

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS HOMEPORT ASHORE (INCREMENT II)	293A

(...continued)

(H) Energy study/life-cycle analysis performed..... Yes

(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..... 3050
(B) All Other Design Costs..... 800
(C) Total..... 3850
(D) Contract..... 800
(E) In-House..... 3050

(4) Contract Award..... 11/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 04/05

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$3,500,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$14,500,000

E. Future Unaccompanied Housing R&M Requirements:
$19,900,000

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: ANDY SAMPSON Phone No: 757)-444-4450

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688	4. Project Title
NAVAL STATION NORFOLK, VIRGINIA	AIRCRAFT MAINTENANCE HANGAR

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702876N	211.05	526	36,460

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
AIRCRAFT MAINTENANCE HANGAR (93,032 SF)	m2	8,643	-	21,270
MAINTENANCE HANGAR (54,142 SF)	m2	5,030	2,504	(12,600)
AIRBORNE MINE COUNTERMEASURES FACILITY (38,890 SF)	m2	3,613	1,130	(4,080)
TECHNICAL OPERATING MANUALS	LS	-	-	(340)
INFORMATION SYSTEMS	LS	-	-	(170)
BUILT-IN EQUIPMENT	LS	-	-	(2,910)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,170)
SUPPORTING FACILITIES	LS	-	-	10,360
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(960)
SPECIAL FOUNDATION FEATURES	LS	-	-	(1,360)
ELECTRICAL UTILITIES	LS	-	-	(650)
MECHANICAL UTILITIES	LS	-	-	(1,250)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(3,600)
SITE PREPARATIONS	LS	-	-	(900)
SITE DEMOLITION/PREPARATIONS	LS	-	-	(1,640)
SUBTOTAL	-	-	-	31,630
Contingency (5.0%)	-	-	-	1,580
TOTAL CONTRACT COST	-	-	-	33,210
Supervision Inspection & Overhead (6.0%)	-	-	-	1,990
SUBTOTAL	-	-	-	35,200
DESIGN/BUILD - DESIGN COST	LS	-	-	1,260
TOTAL REQUEST	-	-	-	36,460
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

This project will construct a one module, Type II Aircraft Maintenance Hangar on a reinforced concrete pile foundation. Construction features for the hangar consist of reinforced concrete floors, corrugated metal siding and concrete masonry unit (CMU) walls, cantilevered structural steel roof framing system, built-up roofing, fabric doors, pre-action, closed head fire sprinkler system in administrative areas and hangar overhead supplemented by aqueous film forming foam (AFFF) fire suppression

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	526

(...continued)

system with floor mounted nozzles in the hangar bays, radiant gas heat, and hangar bay bridge cranes. The hangar will contain administrative and maintenance space. The facility design incorporates anti-terrorism and force protection features for the approximately 600 people utilizing the hangar. Additional items include utilities (electrical and mechanical), installation of the base information system, Naval Air Logistics Command Maintenance Information System (NALCOMIS) and Secret Internet Protocol Routing Network (SIPRNET), site improvements, air conditioning and heating of personnel administrative spaces, and state of the art energy savings equipment. Built-in equipment includes 400 hertz d.c. power distribution system, compressed air system, bridge cranes, elevator, and AFFF system. Project includes demolition of Buildings #SP 1, SP 1A, SP 2, SP 5, SP 6, SP 12A, SP 102, SP 105 and SP 241 (21,608 square meters (m2)). These buildings contain both asbestos and lead paint. Project includes repair to parking area for 300 vehicles. Aircraft tie downs and grounding points are to be included. This site is on the footprint of the demolished SP 31. A pump house building to provide additional water pressure is included.

This project will also construct an Airborne Mine Countermeasures (AMCM) Facility to house the Aircraft Maintenance Hangars vehicle maintenance shop, sled storage warehouse, gear storage warehouse and associated administrative and training functions. Construction features for the AMCM Facility consist of reinforced concrete floors, corrugated metal siding and CMU walls, pre-engineered wall and roof framing, metal standing seam roofing, sectional overhead doors, preaction, closed head fire sprinkler system throughout, gas radiant heating in the vehicle repair bays and storage areas, overhead monorail hoist in the vehicle maintenance bays, and an oil water separator in the vehicle maintenance bays. This facility design incorporates anti-terrorism and force protection features for the approximately 100 people utilizing the AMCM complex. Additional items include utilities (electrical and mechanical), installation of the base information system, NALCOMIS, site improvements, compressed air system, emergency generator, and air conditioning and heating of personnel administrative/training spaces.

Special construction and foundation features include pile foundation, asbestos and lead abatement, base fiber/copper connections, and unsuitable material disposal.

Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	526

(...continued)

11. Requirement: 8,643 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project will construct a single module, type II aircraft maintenance hangar and demolish nine buildings. (Current mission)

REQUIREMENT:

Adequate maintenance hangar space and aircraft parking apron are required at Chambers Field. Naval Station Norfolk Chambers Field has a total requirement for 9,918 m2 of Type II hangar space. This project will construct a single module, Type II hangar for HM 14. This project will demolish 22,308 m2 of inadequate space, of which 19,960 m2 is hangar space.

CURRENT SITUATION:

Naval Station Norfolk Chambers Field has nine World War II maintenance hangars originally designed for aircraft no longer used by the Navy. These hangars are beyond economical repair and need to be replaced. The Naval Station Norfolk Chambers Field Hangar Plan has provided an overall plan to demolish the nine old hangars and consolidate the squadrons into six new hangars, ultimately relocating all fixed wing aircraft into hangars in the LP area to eliminate conflict with base automobile traffic. Existing hangar SP 2 has been renovated, but this repair did not bring this hangar up to the standards of a modern hangar. The electrical panels in this hangar are no longer manufactured. Numerous electrical violations and national fire code violations exist in this hangar. The current hangar configuration does not satisfy the administrative/shop space requirements of today's squadrons, resulting in the use of line shacks outside the hangars. The hangar doors and door tracks are beyond repair and require replacement to allow personnel to easily open them. The World War II hangar doors were designed to sustain 90 MPH wind loads, but today's criteria for wind loads has increased to 120 MPH. The fire protection system does not meet existing code and frequently floods the hangar. The new fire protection system will meet current fire codes and diminish the possibility of flooding the electronics systems in the aircraft. This project will allow HM 14 to relocate from Hangar #SP 2, which is exhibiting significant deterioration.

IMPACT IF NOT PROVIDED:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	526

(...continued)

Failure to replace this hangar increases the threat to personnel from falling roof boards or electrical shock and will increase damages to aircraft and equipment. Continuing to use this hangar, will require emergency repairs and costly utility bills for hangars with large footprints that lack the required administrative and maintenance spaces. Because of the deficiency of shop/administrative space in the existing hangars, several outside line shacks heated by space heaters and cooled by window box air conditioners, must be stationed outside each hangar. An insufficient amount of electrical power exists, reducing the number of computers and fax machines that can be used and risks causing damage to computers and repair equipment. Electrical problems will continue to cause delays in receiving parts, longer training time and delays in maintenance. Continued use of existing hangars may cause damage to the electronics on the 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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 976
- (B) All Other Design Costs..... 325
- (C) Total..... 1301
- (D) Contract..... 325
- (E) In-House..... 976

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62688
NAVAL STATION NORFOLK, VIRGINIA

4. Project Title	7. Project Number
AIRCRAFT MAINTENANCE HANGAR	526

(...continued)

(4) Contract Award..... 11/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 01/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: ANDY SAMPSON Phone No: 757)-444-4450

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00181	4. Command	5. Area Constr Cost Index
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	Naval Sea Systems Command	0.94

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	122	497	7,501	0	0	0	193	2,618	0	10,931
b. End FY 2009	148	671	7,955	0	0	0	211	3,969	0	12,954

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (294.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	149,476.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	83,720.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	17,770.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	105,485.00
g.	REMAINING DEFICIENCY.....	108,694.00
h.	**GRAND TOTAL.....**	**465,145.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
218.20	CRANE/WGHT HNDLG EQP SHOP (156,992 SF)	14,585 m2	17,770	11/01	09/03
	TOTAL		17,770		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

721.12	BEQ TRANSIENT INC I (274,867 SF)	25,536 m2	28,541
213.66	SHIP SVCS SHOP CONSOLID (153,343 SF)	14,246 m2	16,764
721.12	BEQ TRANSIENT INC II (286,320 SF)	26,600 m2	24,530
213.10	DRYDOCK #8 EXTENSION (5 GM)	18 LM	21,982
152.50	SHIP REPAIR PIER REPL (82,301 SF)	7,646 m2	13,668
	TOTAL		105,485

c. R&M Unfunded Requirement ($000): $ 74,952

10. Mission Or Major Functions:

The Norfolk Naval Shipyard exists to support the Fleet. Its primary mission is to repair, overhaul, drydock, convert, modernize and inactivate ships,

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00181	4. Command	5. Area Constr Cost Index
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	Naval Sea Systems Command	0.94

(...continued)

and to provide logistics services in support of Fleet readiness.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00181	4. Project Title
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	CRANE/WEIGHT HANDLING EQUIPMENT SHOP

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702876N	218.20	514	17,770

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CRANE/WEIGHT HANDLING EQUIPMENT SHOP (156,992 SF)	m2	14,585	-	14,570
WEIGHT HANDLING EQUIPMENT SHOP (156,992 SF)	m2	14,585	974	(14,210)
TECHNICAL OPERATING MANUALS	LS	-	-	(220)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(140)
SUPPORTING FACILITIES	LS	-	-	1,390
SITE CIVIL/MECHANICAL UTILITIES	LS	-	-	(150)
SITE PREPARATIONS	LS	-	-	(290)
SITE IMPROVEMENTS	LS	-	-	(300)
DEMOLITION	LS	-	-	(650)
SUBTOTAL	-	-	-	15,960
Contingency (5.0%)	-	-	-	800
TOTAL CONTRACT COST	-	-	-	16,760
Supervision Inspection & Overhead (6.0%)	-	-	-	1,010
TOTAL REQUEST	-	-	-	17,770
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Renovate and modernize 11,635 square meters (m2) of steel-framed, 2-story Building 268, and construct a 2,950 m2 steel-framed and concrete mezzanine to consolidate industrial functions. Special requirements include two crane/locomotive service pits, two passenger elevators, additional egress stairs, one 3-ton bridge crane, hazardous material storage, and a fire suppression sprinkler system throughout the building. The existing lead-based paint steel framing will be painted to captivate the lead paint. Existing asbestos pipe insulation will be abated. The building will include production and repair shops, storage, engineering spaces, and a multi-purpose room. New concrete flooring, roofing, insulated metal wall panels, air conditioning and heating, mechanical and electrical utilities will be installed. Supporting facilities include site demolition, a railroad spur, paving, upgraded storm drainage, and relocated site utilities. Demolish support facilities: Buildings 195, 1460, 1527, and 1528 (total 5,181 square meters (m2) for the three

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00181
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
CRANE/WEIGHT HANDLING EQUIPMENT SHOP	514

(...continued)
buildings), and temporary facilities (400 m2). Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 14,585 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project renovates Building 268 to achieve consolidation of the four divisions of the Lifting and Handling Department into a facility that is centrally located in the Shipyard's Controlled Industrial Area (CIA). (Current mission)

REQUIREMENT:

An efficiently configured and centralized facility is required adjacent to Navy ships under repair, as well as cranes in maintenance or in operation.

CURRENT SITUATION:

The Lifting and Handling Department currently occupies portions of several buildings that are located both inside and outside the Shipyard's Controlled Industrial Area (CIA). As such, management, work processing, parts procurement, inspection and technical support for the Department is outside the CIA and physically isolated from the waterfront production workers and industrial areas. This condition mandates time-consuming trips by inspectors, engineers, and management to and from crane maintenance and production sites to technically evaluate the work and crane lifts being performed. Crane/locomotive service pits (for working under locomotives and cranes) are located in Building 236. The Engineers, Inspectors, Quality Assurance personnel, Test Directors, and Management are located in Building 1575. Both buildings are located outside the CIA. The mobile crane test area and operators are located outside the CIA, at the opposite end of the shipyard from Building 1575. Long-term storage is located outside the Shipyard, in an annex that is four miles away. Some Crane Maintenance industrial spaces, and most of the rigging gear and test machines, are located inside the CIA, in a portion of Building 268. At least 114 personnel spend 1 hour/day traveling to/from the work site (2 round trips at 15 minutes each way). Similarly, supervisors and/or mechanics must stop their jobs and commute to the buildings outside the CIA for required drawings/manuals, technical instructions, clarifications, and parts. Response rates for production support, emergency functions,

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00181
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
CRANE/WEIGHT HANDLING EQUIPMENT SHOP	514

(...continued)

and all intra-Department interactions are adversely affected by the physical separation. Mobile crane and locomotive work that requires a service pit must be performed in Building 236, which is located outside the Controlled Industrial Area. The service pits in Building 236 are used exclusively for crane/locomotive parts removal/installation. Parts servicing is accomplished by returning to the shop (located 1/2 mile away), servicing the part, then returning the parts to the Building 236 service pits for installation on the crane or locomotive. The remote location of the service pits amounts to many costly, unproductive trips to and from the shop and Building 236 in order to accomplish the preventative annual maintenance. Due to resident Regional Repair Center operations, space is not available in Building 236 to accommodate a workshop for servicing parts. Additionally, the service pits in Building 236 fill with groundwater through ruptured subterranean ventilation ducts, which are inoperable. Purging the pits of water delays work by four hours on each occasion of flooding. Also, water can seep from the pits back into the surrounding soil, creating a potential environmental problem due to contaminants in the pits from maintenance operations. The existing pits have no positive ventilation to purge the heavier-than-air exhaust fumes. When the service pits facility is vacated, the facility will be transferred to Region ownership.

IMPACT IF NOT PROVIDED:

Managers, Engineers and Inspectors, who are physically isolated from the waterfront, will continue to waste valuable time having to travel to and from their offices and production sites. Productivity will suffer due to the segregation of the organization's functions. In essence, productivity losses due to waiting on remotely executed engineered work orders, delayed engineering response time, and resultant idleness of the work force. Identified ventilation deficiencies will continue to restrict work in Building 268. Higher energy costs will be incurred for heating and cooling non-insulated and exposed engineering and shop areas. Electrical system deficiencies will restrict the type of work that can be performed in Building 268. Known lead and asbestos conditions in Building 268 will go unabated. Identified environmental deficiencies in the existing Building 236 service pits will go uncorrected. Inefficient industrial space utilization of Building 268 will continue due to the lack of industrial engineering configuration of the existing functions resident in the building. Work requiring a crane/locomotive service pit (remotely located in Building 236) requires a redundant mobile crane work team of approximately five people to be outfitted.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00181
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
CRANE/WEIGHT HANDLING EQUIPMENT SHOP	514

(...continued)
The desired transfer of Building 236 to the Region will not occur due to the Shipyard's need to retain access to the service pits. This condition is contrary to the Shipyard's Infrastructure Management Plan (IMP) and the Navy's consolidation agenda.

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..... 11/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 984
- (B) All Other Design Costs..... 328
- (C) Total..... 1312
- (D) Contract..... 820
- (E) In-House..... 492

(4) Contract Award..... 12/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 04/05

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N00181
NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA

4. Project Title	7. Project Number
CRANE/WEIGHT HANDLING EQUIPMENT SHOP	514

(...continued)

JOINT USE CERTIFICATION:

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

Activity POC: CDR T. J. DUMALO Phone No: 757-396-8141

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00264	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE QUANTICO, VIRGINIA	Commandant of the Marine Corps	0.94

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	243	1,211	1,071	1,355	103	1,444	1,285	2,806	2,624	12,142
b. End FY 2009	134	1,014	995	1,529	919	1,650	1,240	2,726	4,554	14,761

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (60,534.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	473,859.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	38,699.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	3,700.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	20,744.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	30,100.00
g.	REMAINING DEFICIENCY.....	223,035.00
h.	**GRAND TOTAL.....**	**790,137.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
441.20	WTBN LOAD & TEST FACILITY	0 SF	3,700	09/01	03/04
	TOTAL		3,700		

9. Future Projects:

a. Included In The Following Program (FY 2005):

610.72	H&S BN HEADQUARTERS, TBS	0 LS	3,791
721.24	BACHELOR ENLISTED QUARTERS	0 LS	11,789
441.10	TBS ARMORY	0 SF	4,217
851.10	HERITAGE CENTER ROAD IMPVS	0 LS	947
	TOTAL		20,744

b. Major Planned Next Three Years:

171.10	SNCO ACADEMIC FACILITY	0 LS	8,265
610.20	NETWORK OPERATIONS CENTER	0 LS	13,677
851.10	INFRASTRUCTURE RUSSELL RD	0 LS	8,158
	TOTAL		30,100

c. R&M Unfunded Requirement ($000): $ 72,062

10. Mission Or Major Functions:

Develop, in coordination with agencies and representatives of other services, the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations; support Marine Corps requirements

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00264	4. Command	5. Area Constr Cost Index
MARINE CORPS BASE QUANTICO, VIRGINIA	Commandant of the Marine Corps	0.94

(...continued)

for long range planning by identifying required study areas and by initiating study of such areas, in coordination with other government and civilian contract agencies; educate officers in the principles, tactics and techniques of warfare, with particular emphasis on the landing force aspects of amphibious operations in air-ground combat forces of the Marine Corps; educate staff noncommissioned officers with the requisite responsibilities; exercise academic supervision over all Marine Corps formal schools (less recruit training); and other functions as directed by the Commandant of the Marine Corps.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00264	4. Project Title
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA	WEAPONS TRAINING BATTALION LOAD AND TEST FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0805796M	441.20	549	3,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WEAPONS TRAINING BATTALION LOAD AND TEST FAC (12,669 SF)	m2	1,177	-	1,930
AMMUNITION LOADING FACILITY (1,894 SF)	m2	176	1,363	(240)
WEAPON TEST FACILITY (1,776 SF)	m2	165	1,287	(210)
ARMORY (8,999 SF)	m2	836	1,358	(1,140)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(140)
BUILT-IN EQUIPMENT	LS	-	-	(100)
INFORMATION SYSTEMS	LS	-	-	(50)
TECHNICAL OPERATING SYSTEMS	LS	-	-	(50)
SUPPORTING FACILITIES	LS	-	-	1,280
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(150)
ELECTRICAL UTILITIES	LS	-	-	(150)
MECHANICAL UTILITIES	LS	-	-	(90)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(740)
ENVIRONMENTAL MITIGATION	LS	-	-	(150)

SUBTOTAL	-	-	-	3,210
Contingency (5.0%)	-	-	-	160

TOTAL CONTRACT COST	-	-	-	3,370
Supervision Inspection & Overhead (6.0%)	-	-	-	200

SUBTOTAL	-	-	-	3,570
DESIGN/BUILD - DESIGN COST	LS	-	-	130

TOTAL REQUEST	-	-	-	3,700
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a single story ammunition loading facility, modernize the weapons testing facility, and build an addition to the armory at the Weapons Training Battalion Fleet Weapons Support Facility at MCB Quantico, VA. Construction includes reinforced concrete walls with structural steel frame, built-up roof on reinforced deck, reinforced concrete floor and foundation. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00264
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA

4. Project Title	7. Project Number
WEAPONS TRAINING BATTALION LOAD AND TEST FACILITY	549

(...continued)

includes one overhead crane. Special construction features include pile foundation. Electrical utilities include telephone, electrical, Intrusion Detection System (IDS), energy saving Electronic Monitoring and Control System (EMCS), and fire alarm. Mechanical utilities include compressed air, heating ventilation and air conditioning (HVAC), dehumidification system, and fire protection system. Supporting facilities include site and building utility connections (water, telephone, electrical, sanitary and storm sewers, and Local Area Network). Paving and site improvements include exterior site and building lighting, perimeter fencing and gates, roads, sidewalks, paved parking, storm water management, retention pond, earthwork, fill, grading, and landscaping. The facility will be constructed to seismic zone three and current armory, ammunition loading and weapons test facility standards. Also includes Technical Operating Manuals and Anti-Terrorism/Force Protection features. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders.

11. Requirement: 1,177 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

The project constructs a new ammunition loading facility, modernizes existing weapons testing facility, and builds an armory addition at the Fleet Weapons Support Facility. (Current mission)

REQUIREMENT:

Adequate and efficiently configured state of the art facilities to provide safe and controlled environment in which to manufacture, store and test match-grade rifles, pistols and ammunition. The facility hand-loads over 200,000 rounds of ammunition in support of the Marine Corps Competition in Arms Program.

CURRENT SITUATION:

The current load facility is located in a converted head facility that doesn't meet safety, Department of Defense Explosive Safety Board (DDESB) siting requirements, or precision manufacturing conditions. The facility does not meet separation distances, fencing requirements, or IDS requirements. The HVAC system does not provide the controlled environmental conditions needed to hand-load precision, match grade ammunition.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00264
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA

4. Project Title	7. Project Number
WEAPONS TRAINING BATTALION LOAD AND TEST FACILITY	549

(...continued)

The current test facility is a covered firing position converted by self-help project into a test shed. The HVAC system does not provide the controlled environmental conditions needed to test precision weapons and ammunition.

The current armory being constructed by P-454, cannot accommodate the current weapons inventory. The scope of the armory spaces required has increased due to increased operations tempo and mission changes.

IMPACT IF NOT PROVIDED:

If the project is deferred, Weapon Training Battalion (WTBn) will continue to operate facilities that don't meet Department of Defense Explosive Safety Board (DDESB) siting requirements or meet stringent climate controlled manufacturing requirements. The manufacture of match-grade ammunition requires tight climate control to ensure accurate and repeatable results to deliver precision ammunition. Weapons will continue to be stored improperly.

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..... 09/01
- (B) Date Design 35% Complete..... 07/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 96

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: M00264
MARINE CORPS COMBAT DEV COMMAND QUANTICO, VIRGINIA

4. Project Title	7. Project Number
WEAPONS TRAINING BATTALION LOAD AND TEST FACILITY	549

(...continued)

(B) All Other Design Costs..... 32
(C) Total..... 128
(D) Contract..... 32
(E) In-House..... 96

(4) Contract Award..... 11/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 09/05

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

JOINT USE CERTIFICATION:

The Dir. Land Use & Military Construction Branch, Installations & Logistics Dept., HQ, Marine Corps certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: RICHARD A. REISCH Phone No: (703) 784-5490

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436	4. Command	5. Area Constr Cost Index
NAVAL SUBMARINE BASE BANGOR, WASHINGTON	Commander, Pacific Fleet	1.16

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	456	4,776	3,014	0	0	0	33	34	0	8,313
b. End FY 2009	469	4,990	2,989	0	0	0	33	34	0	8,515

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (6,528.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2002.....	384,440.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	4,600.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	40,350.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	21,675.00
g.	REMAINING DEFICIENCY.....	274,920.00
h.	**GRAND TOTAL.....**	**725,985.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
151.20	SVC PIER UPGD/MOD BLD 7111	0 LS	33,820	12/02	09/03
143.47	WTRFRNT SECURITY FORCE FAC	0 LS	6,530	06/02	06/04
	TOTAL		40,350		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

171.50	SMALL ARMS TRN CTR (55,305 SF)	5,138 m2	14,184
812.30	ELEC DIST UPGRADES (24,111 SF)	2,240 m2	2,532
822.22	STEAM DIST MODERNIZATION (42,733 SF)	3,970 m2	4,959
	TOTAL		21,675

c. R&M Unfunded Requirement ($000): $ 31,465

10. Mission Or Major Functions:

Supports the Trident Submarine Launched Ballistic Missile System by maintaining and operating facilities for administration and personnel support for operations of the submarine force. Provides logistics support to other activities in the area and acts as host for the following: Trident Submarine Squadron, Trident Refit Facility, Trident Training Facility, Strategic Weapons Facility, Pacific, Marine Corps Security Force.

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436	4. Command	5. Area Constr Cost Index
NAVAL SUBMARINE BASE BANGOR, WASHINGTON	Commander, Pacific Fleet	1.16

(...continued)

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436	4. Project Title
NAVAL SUBMARINE BASE BANGOR, WASHINGTON	WATERFRONT SECURITY FORCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
021276N	143.47	971	6,530

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
WATERFRONT SECURITY FORCE FACILITY (12,109 SF)	m2	1,125	-	2,900
WATERFRONT SECURITY FORCE FACILITY (12,109 SF)	m2	1,125	1,898	(2,140)
TECHNICAL OPERATING MANUALS	LS	-	-	(30)
BUILT-IN EQUIPMENT	LS	-	-	(450)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(260)
INSIDE COMMUNICATION LINES	LS	-	-	(20)
SUPPORTING FACILITIES	LS	-	-	2,760
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(630)
ELECTRICAL UTILITIES	LS	-	-	(200)
MECHANICAL UTILITIES	LS	-	-	(200)
SITE IMPROVEMENTS AND PARKING	LS	-	-	(530)
ROAD IMPROVEMENTS SECURITY ACCESS	LS	-	-	(680)
ENVIRONMENTAL MITIGATION	LS	-	-	(250)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(270)

SUBTOTAL	-	-	-	5,660
Contingency (5.0%)	-	-	-	280

TOTAL CONTRACT COST	-	-	-	5,940
Supervision Inspection & Overhead (6.0%)	-	-	-	360

SUBTOTAL	-	-	-	6,300
DESIGN/BUILD - DESIGN COST	LS	-	-	230

TOTAL REQUEST	-	-	-	6,530
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Provides a one-story Waterfront Security Force Facility (WSFF), with a capacity supporting an 80-man security force, per shift, three shifts a day, and providing secure parking for four-armored Highly Mobile Military Wheeled Vehicles (HUMMWV). The facility will have concrete foundations and floor slab, concrete exterior walls, and a reinforced concrete roof. The structure will be fire resistant and designed to current seismic criteria; built-in equipment will include complete galley equipment

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR, WASHINGTON

4. Project Title	7. Project Number
WATERFRONT SECURITY FORCE FACILITY	971

(...continued)

outfitting and ventilation equipment for HUMMWV garage. It will have a fire detection and suppression system, closed circuit TV (CCTV), intrusion detection system (IDS), communications, heating, ventilation, and air conditioning, plumbing, electrical service, a food preparation and serving area, clothes washers and dryers, and all other necessary supporting features to provide a complete and usable facility. Special construction features include seismic reinforcement, strengthening the roof to allow installation of fighting positions and automatic weapons mounts. Parking, sidewalks, access roads, paving and environmental protection measures will be provided. Anti-terrorism/force protection measures will be included. Access roads to the Explosive Handling Wharf (EHW) and waterfront industrial areas will be improved to provide shorter response times to these areas. Improvements include super elevation, additional pavement, guardrails, additional shoulders and pull-offs, new/revised signals and signage, and manual and automated gates and fencing. These improvements will result in the loss of 150 waterfront parking spaces, which will be replaced by this project. Environmental mitigation requires replanting and replacing habitat areas lost during construction. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 1,125 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

Provides a Waterfront Security Force Facility at Strategic Weapons Facility Pacific (SWFPAC). (Current mission)

REQUIREMENT:

Adequate security facilities are necessary to support a new Naval Submarine Base (SUBASE) Bangor, WA Waterfront Security Force. This force is being established in recognition of the greater security threat and the expansion of the SWFPAC security mission of defending the Explosive Handling Wharf operations to defending the entire SUBASE waterfront on a seven day, 24 hour basis

CURRENT SITUATION:

Extemporaneous methods and shuttling security forces from other locations are temporarily meeting the requirement for a waterfront security force. The procedures do not provide the required level of security, have a

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR, WASHINGTON

4. Project Title	7. Project Number
WATERFRONT SECURITY FORCE FACILITY	971

(...continued)

negative impact on the morale of security personnel, and do not provide required response times to all waterfront facilities.

IMPACT IF NOT PROVIDED:

Security on the SUBASE Bangor waterfront will continue to be compromised; response times to critical facilities will not be met; and the morale of the security force will continue to be reduced.

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..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 175
- (B) All Other Design Costs..... 58
- (C) Total..... 233
- (D) Contract..... 58
- (E) In-House..... 175

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 06/05

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR, WASHINGTON

4. Project Title	7. Project Number
WATERFRONT SECURITY FORCE FACILITY	971

(...continued)

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: MR. GEORGE SHEPARD Phone No: (360)396-5013

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436	4. Project Title
NAVAL SUBMARINE BASE BANGOR WASHINGTON	SERVICE PIER UPGRADE AND BUILDING ADDITION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0101896N	151.20	395	33,820

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
SERVICE PIER UPGRADE AND BUILDING ADDITION (90,600 SF)	m2	8,417	-	20,720
WIDEN SERVICE PIER (18,805 SF)	m2	1,747	2,838	(4,960)
SERVICE PIER REPAIR AND UPGRADES	LS	-	-	(3,960)
ADDITION TO BUILDING 7111 (19,795 SF)	m2	1,839	1,640	(3,020)
WATERFRONT SUPPORT BUILDING (32,001 SF)	m2	2,973	1,527	(4,540)
STORAGE BUILDING (19,999 SF)	m2	1,858	896	(1,660)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(70)
TELECOMMUNICATIONS	LS	-	-	(150)
BUILT-IN EQUIPMENT	LS	-	-	(2,220)
TECHNICAL OPERATING MANUALS	LS	-	-	(140)
SUPPORTING FACILITIES	LS	-	-	9,670
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(4,610)
ELECTRICAL UTILITIES	LS	-	-	(3,510)
MECHANICAL UTILITIES	LS	-	-	(460)
OUTSIDE COMMUNICATION LINES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(370)
DEMOLITION	LS	-	-	(250)
ENVIRONMENTAL AND HAZARDOUS MATERIALS	LS	-	-	(260)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(80)
SUBTOTAL	-	-	-	30,390
Contingency (5.0%)	-	-	-	1,520
TOTAL CONTRACT COST	-	-	-	31,910
Supervision Inspection & Overhead (6.0%)	-	-	-	1,910
TOTAL REQUEST	-	-	-	33,820
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,946

10. Description of Proposed Construction

This project constructs an underwater equipment lab addition to Building 7111 including office space 655 M2 (7,050 SF), storage space 244 M2 (2,625 SF), a test pool and a separate high bay area 941 M2 (10,125 SF), and a stand alone pre-engineered high bay metal storage building. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR WASHINGTON

4. Project Title	7. Project Number
SERVICE PIER UPGRADE AND BUILDING ADDITION	395

(...continued)
executive orders.

This project increases the pier width 1,747 M2 (18,800 SF, 470' x 40') on the water side of the service pier, and includes construction of various upgrades to the existing pier including pier electrical services and other structural elements. The project constructs a pre-engineered metal waterfront support building on the east side of the Service Pier on new pilings and pier slab. This project also installs new 15 KV service, approximately 1,890m (6200 LF), and a new 15 KV circuit breaker via duct bank, two new 2.5 MVA, fan-cooled transformers with removable neutrals, two fused load interrupters, a double-ended substation with two 4000 amp main breakers and 4000 amp tie, four 1600 Amp breaker units, two 1600 amp power booms, four industrial power receptacles, three shore power receptacles and eight shore power cables, and reworks the existing feeders. Structural work includes removing the existing mooring piles and camels and installing a new mooring system consisting of three specialized captured camels and support piles. Special construction features include sustainable design, security, installation of mooring piles for support barges, reconfiguration and extension of the dock and piles to support tugboats at the North end of the pier, and reconfiguration/extension of the tugboat refueling system. Built-in equipment includes elevator, cranes, camels, brows, platforms, electrical power booms, and equipment installation pads/supports. The project also provides an 88-stall parking lot expansion.

11. Requirement: 8,417 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs waterfront support facilities and upgrades the service pier for Submarine Development Squadron Five (SUBDEVRON 5). (New mission)

REQUIREMENT:

Adequate waterfront facilities are required to support the maintenance, repair, and testing of mission support equipment for SUBDEVRON 5. SUBDEVRON 5 is being assigned increased tasking and new RDT&E support equipment to be operated, tested and maintained. This increased tasking is currently ramping up and expected to peak by mid 2005 and remain constant thereafter. Current and future classes of submarines associated with undersea deployment of mission equipment will require increased electrical power (3,200 amps), and new mooring camels designed to fit the

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR WASHINGTON

4. Project Title	7. Project Number
SERVICE PIER UPGRADE AND BUILDING ADDITION	395

(...continued)

contours of newer submarines are required to permit mooring at the Service Pier. The expected rapid operational tempo of SUBDEVRON 5 during short turn around in-port time of the submarine requires an increase in the width of the Service Pier to accommodate removal/delivery of equipment and supplies with forklifts and trucks. The current pier is too narrow to accommodate this type of operation. Additionally, a support building is required on the pier to perform specialized submarine equipment maintenance in order to accommodate the rapid tempo of operations. Communications conduit(s) shall be run between the B7111 building addition and the new Waterfront Support Facility.

CURRENT SITUATION:

At present there are insufficient facilities available to satisfy the maintenance, repair, and testing requirements for the increased tasking assigned to SUBDEVRON 5. Currently, the existing facility does not have the capacity to absorb the large additional workload brought by the increased tasking assigned to SUBDEVRON 5. The current high bay floor is not strong enough to support extremely heavy units that are part of SUBDEVRON 5 tasking, and because the existing crane is limited to 5 tons, it cannot lift the device into the pool because of lift clearance problems with the pool parapet. There is insufficient office space in the existing facility to accommodate additional personnel. There is no room in the existing facility to accommodate any additional storage. There is currently no place to store submarine support equipment, lifting jigs, or special mission support equipment.

The existing pier is not wide enough to support the intermediate maintenance requirements of the assigned submarine, nor was the pier constructed to meet the intense industrial activities required for a submarine refit. There is not sufficient room on the pier currently to allow for mobile crane operations and the concurrent transport of equipment to and from the shore support facility. Currently, the elbow corner of the access trestle is too narrow to permit large tractor-trailers to precede cab first onto the pier. They currently have to back down the pier--a very difficult, time consuming, and marginally safe maneuver, which is not acceptable for a refit level operation. Existing infrastructure at the pier does not support proposed mission evolutions for SUBDEVRON 5. Currently there are no facilities available on the pier to support the necessary industrial refit activity or for handling mission support equipment of the submarine. There are currently only 1600 amps of 440 VAC power available at the Service Pier. Current and future classes of submarines require 3200 amps VAC. The current

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR WASHINGTON

4. Project Title	7. Project Number
SERVICE PIER UPGRADE AND BUILDING ADDITION	395

(...continued)

electrical capacity of the pier does not meet the minimal berthing and backup power requirements.

The existing mooring system will not fit the external contours of the newer submarines. The current mooring system requires the ships force to have to constantly tend mooring lines throughout the 5.8M (19') tidal range of the Hood Canal. Mooring piles are required for an YFN 978 Barge and for an YD-259 Crane Barge. Neither barge is currently at the Service Pier. This is a new requirement necessary to support industrial refit activity and for handling mission support equipment for SUBDEVRON 5. The tugboats currently moored at the north end of the Service Pier are used to maneuver Ohio class submarines and to support mission requirements of SUBASE, Squadron 17,and SUBDEVRON 5 as necessary. There is no other area on the waterfront where they can be permanently moored. To keep the tugboats at the north end of the Service Pier and in order to provide clearance for the Crane Barge on the inboard side of the Service pier, reconfiguration of the existing tugboat general-purpose pier is required.

The original parking spaces planned for this facility have been decreased in number due to anti-terrorism/force protection requirements and has resulted in a shortage of parking for personnel currently assigned to the building. Additionally the parking requirements caused by increased tasking to SUBDEVRON 5 support personnel cannot be satisfied by existing parking facilities.

IMPACT IF NOT PROVIDED:

If these proposed facilities are not provided, SUBDEVRON 5 will not be able to meet mandatory multi-mission requirements. It is absolutely crucial to have a centralized secure location for the maintenance, repair, testing, and integration of mission support equipment. The existing facilities within Building 7111 are fully utilized, and will continue to be so for the foreseeable future. Without these facilities, the IMA and work package maintenance cannot be performed. There is no option to having a secure maintenance and repair facility waterfront to enable rapid maintenance and repair of the submarine and mission support equipment. Without the additions and modifications to the pier, including the waterfront support building and electrical/mooring upgrades, SUBDEVRON 5 will not be able to accommodate its increased tasking at the Service Pier.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR WASHINGTON

4. Project Title	7. Project Number
SERVICE PIER UPGRADE AND BUILDING ADDITION	395

(...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..... 12/02
- (B) Date Design 35% Complete..... 03/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 0%
- (E) Percent Complete As Of January 2003..... 10%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

(2) Basis:
- (A) Standard or Definitive Design: 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..... 2280
- (B) All Other Design Costs..... 1140
- (C) Total..... 3420
- (D) Contract..... 2565
- (E) In-House..... 855

(4) Contract Award..... 02/04

(5) Construction Start..... 04/04

(6) Construction Completion..... 05/05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
30-ton cranes (2)	O&MN	2004	1946

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N68436
NAVAL SUBMARINE BASE BANGOR WASHINGTON

4. Project Title	7. Project Number
SERVICE PIER UPGRADE AND BUILDING ADDITION	395

(...continued)

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

Mission requirements, operational considerations, and location are incompatible with use by other components.

Activity POC: MR. GEORGE SHEPARD Phone No: (360)396-5013

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32013	4. Command	5. Area Constr Cost Index
NAVAL MAGAZINES INDIAN ISLAND, WASHINGTON	Commander, Pacific Fleet	1.16

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	1,211	11,250	11,734	0	0	0	408	2,046	0	26,649
b. End FY 2009	1,085	9,553	13,556	0	0	0	408	2,046	0	26,648

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (2,716.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	45,525.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	3,440.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,240.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	28,347.00
g.	REMAINING DEFICIENCY.....	30,100.00
h.	**GRAND TOTAL.....**	**109,652.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
143.21	ORDNANCE TRANSFER FAC (11,001 SF)	1,022 m2	2,240	11/01	03/04
	TOTAL		2,240		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

421.72	MISSILE MAGAZINES (28,654 SF)	2,662 m2	11,516
421.72	MISSILE MAGAZINES (28,654 SF)	2,662 m2	8,902
421.72	MISSILE MAGAZINES (28,654 SF)	2,662 m2	7,929
	TOTAL		28,347

c. R&M Unfunded Requirement ($000): $ 7,734

10. Mission Or Major Functions:

Note: Block 6 Personnel Strength numbers and Block 7a Total Acreage are for the Host UIC N68436 SUBBASE, Bangor, WA

Provide ordnance logistics services to U.S. Armed Forces in the Pacific Command, and serve as a key element of the West Coast Ammunition Port Complex for transshipment of containerized ammunition.

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32013	4. Command	5. Area Constr Cost Index
NAVAL MAGAZINES INDIAN ISLAND, WASHINGTON	Commander, Pacific Fleet	1.16

(...continued)

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

a. Pollution Abatement (*): $0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32013	4. Project Title
NAVAL MAGAZINES INDIAN ISLAND, WASHINGTON	ORDNANCE TRANSFER FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	143.21	334	2,240

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
ORDNANCE TRANSFER FACILITY (11,001 SF)	m2	1,022	-	1,300
ORDNANCE TRANSFER BUILDING (11,001 SF)	m2	1,022	1,254	(1,280)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
INFORMATION SYSTEMS	LS	-	-	(10)
SUPPORTING FACILITIES	LS	-	-	640
ELECTRICAL UTILITIES	LS	-	-	(180)
MECHANICAL UTILITIES	LS	-	-	(120)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(260)
ENVIRONMENTAL MITIGATION	LS	-	-	(80)
SUBTOTAL	-	-	-	1,940
Contingency (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,040
Supervision Inspection & Overhead (6.0%)	-	-	-	120
SUBTOTAL	-	-	-	2,160
DESIGN/BUILD - DESIGN COST	LS	-	-	80
TOTAL REQUEST	-	-	-	2,240
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a high bay roofed structure with sloped standing seam metal roofing; walls to be galvanized chain link fencing from ground level to roof. Two fence gates to be installed in the fencing opposite each other to permit drive through of ordnance trucks. Roof to be equipped with rain gutters and downspouts, which feed to a project constructed rainwater collection pond. Structure to have reinforced concrete floor slab, interior lighting, exterior area lighting, lightning protection, electrical service, and a small (9 square meter) office with door and window(s). Project includes asphalt road access/departure connections from structure to existing nearby road system, and rounding the corner of Fenner Road and North Road to permit use by semi-trucks. Project includes reseeding any disturbed areas remaining after construction. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32013
NAVAL MAGAZINES INDIAN ISLAND, WASHINGTON

4. Project Title	7. Project Number
ORDNANCE TRANSFER FACILITY	334

(...continued)
other laws and Executive Orders.

11. Requirement: 1,022 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project constructs a roof structure to provide shelter from frequent inclement weather for large amounts of munitions delivered to Naval Magazine (NAVMAG) Indian Island from inland sources or visiting ships. (Current mission)

REQUIREMENT:

This project is required to provide weather shelter to accommodate the temporary holding and processing of unserviceable or poorly documented ordnance delivered to the island as part of the Opportune Lift (OPLIFT) program. This ordnance consists of large quantities of randomly delivered, unknown condition, potentially retrograde ordnance delivered from various locations or by unscheduled ship visits to NAVMAG Indian Island. The project is also required to provide weather shelter to accommodate the temporary holding, processing, and staging of break bulk expendable ordnance delivered to the island in support of Battle Group deployments.

CURRENT SITUATION:

All magazines are fully utilized and no magazines are available to hold OPLIFT ordnance or break bulk expendable ordnance delivered to NAVMAG Indian Island. Currently, ordnance is placed in Navy trailers until the trailers are filled; remaining ordnance is placed on open storage lots. Ordnance deposited on the parking lots is frequently exposed to rain or snow. Cardboard ordnance containers and paper tags are exposed and degraded when exposed to wet weather. Tens of thousands of tons of ordnance are repeatedly subject to adverse weather conditions. Once checked, cleared, and staged as to type, the OPLIFT/break bulk expendable ordnance is then distributed to magazines on the island, which are dedicated to specific types of ordnance or to ships moored at the ammunition wharf. The OPLIFT ordnance cannot be taken directly to storage in any of Indian Island's magazines until it has been processed to ensure correct documentation and condition. Ordnance in poor condition is shipped off station.

IMPACT IF NOT PROVIDED:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32013
NAVAL MAGAZINES INDIAN ISLAND, WASHINGTON

4. Project Title	7. Project Number
ORDNANCE TRANSFER FACILITY	334

(...continued)

Break bulk expendable ordnance and OPLIFT ordnance will continue to be unloaded and stacked in the open while waiting for processing and will not be protected from wet weather conditions. The poor circumstances under which break bulk expendable ordnance and OPLIFT ordnance is currently processed will continue with potentially adverse effects on the ordnance.

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..... 11/01
- (B) Date Design 35% Complete..... 08/03
- (C) Date Design Complete..... 03/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 60
- (B) All Other Design Costs..... 20
- (C) Total..... 80
- (D) Contract..... 20
- (E) In-House..... 60

(4) Contract Award..... 11/03

(5) Construction Start..... 03/04

(6) Construction Completion..... 03/05

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32013
NAVAL MAGAZINES INDIAN ISLAND, WASHINGTON

4. Project Title	7. Project Number
ORDNANCE TRANSFER FACILITY	334

(...continued)

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: GEORGE SHEPPARD Phone No: (360) 396-5013

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32960	4. Command	5. Area Constr Cost Index
NAVAL SUPPORT FACILITY LA MADDALENA, ITALY	Commander, 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 9/30/02	78	1,346	176	0	0	0	0	0	0	1,600
b. End FY 2009	83	1,410	176	0	0	0	0	0	0	1,669

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (48.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	4,406.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	0.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	39,020.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	93,511.00
g.	REMAINING DEFICIENCY.....	20,200.00
h.	**GRAND TOTAL.....**	**157,137.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
159.64	CONSOL SANTO STEFANO FACS	0 LS	39,020	11/01	09/03
	TOTAL		39,020		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

721.11	BEQ HOMEPORT ASHORE (63,636 SF)	5,912 m2	21,822
610.10	ADMINISTRATIVE OFFICE (160,522 SF)	14,913 m2	52,721
721.12	BACHELOR ENLISTED QUARTERS (58,254 SF)	5,412 m2	18,968
	TOTAL		93,511

c. R&M Unfunded Requirement ($000): $ 6,100

10. Mission Or Major Functions:

To provide support to visiting ships of the operational forces and to personnel, including family members, assigned to ships homeported in the La Maddalena area.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32960	4. Project Title
NAVAL SUPPORT ACTIVITY LA MADDALENA, ITALY	CONSOLIDATE SANTO STEFANO FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	159.64	995	39,020

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
CONSOLIDATE SANTO STEFANO FACILITIES	LS	-	-	26,050
PORT SERVICES (34,606 SF)	m2	3,215	2,143	(6,890)
FITNESS FACILITY (17,933 SF)	m2	1,666	2,309	(3,850)
SMALL CRAFT BERTHING (656 FB)	mB	200	19,305	(3,860)
BACHELOR QUARTERS (12,400 SF)	m2	1,152	2,532	(2,920)
DINING FACILITY (8,170 SF)	m2	759	3,631	(2,760)
GENERAL WAREHOUSE (9,225 SF)	m2	857	1,399	(1,200)
HAZARDOUS MATERIALS STORAGE (4,758 SF)	m2	442	1,431	(630)
BUILT-IN EQUIPMENT	LS	-	-	(2,340)
INFORMATION SYSTEMS	LS	-	-	(220)
TECHNICAL OPERATING MANUALS	LS	-	-	(250)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(1,130)
SUPPORTING FACILITIES	LS	-	-	8,850
ELECTRICAL UTILITIES	LS	-	-	(1,100)
MECHANICAL UTILITIES	LS	-	-	(900)
CONCRETE PAVEMENT	LS	-	-	(900)
SITE IMPROVEMENTS	LS	-	-	(2,500)
ASBESTOS REMOVAL	LS	-	-	(100)
DEMOLITION	LS	-	-	(1,000)
MAT/EQUIP/LABOR TRANSPORTATION	LS	-	-	(980)
WWTP ENVIRONMENTAL UPGRADES	LS	-	-	(1,370)

SUBTOTAL	-	-	-	34,900
Contingency (5.0%)	-	-	-	1,740

TOTAL CONTRACT COST	-	-	-	36,640
Supervision Inspection & Overhead (6.5%)	-	-	-	2,380

TOTAL REQUEST	-	-	-	39,020
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	1,341

10. Description of Proposed Construction

This project will eliminate numerous anti-terrorism/force protection (AT/FP) criteria violations at NSA La Maddalena and will focus on operational and ship support facilities that support the homeported submarine repair ship, USS Emory S Land.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32960
NAVAL SUPPORT ACTIVITY LA MADDALENA, ITALY

4. Project Title	7. Project Number
CONSOLIDATE SANTO STEFANO FACILITIES	995

(...continued)

The project will construct separate and useable facilities to include a new Port Services building, Fitness Center and Fleet Recreation Center, Hazardous Materials/Waste Storage Warehouse, Transient Bachelor Quarters (24 - 2+0 modules), Dining Facility, and General Warehouse. The project will also construct a small craft-berthing pier. It will also add two diesel generators to the existing Cold Iron support capability and construct a sound-baffling wall around all generators. The project will provide environmental upgrades to the existing wastewater treatment plant (WWTP). These facilities will be concrete and/or steel framed construction, heated and cooled, and provided with fire protection including sprinklers, alarm and detection system, connections to the NSA La Maddalena utility system and will incorporate handicap criteria. Construction of these facilities will be on spread footings, with cast-in-place concrete walls, concrete and structural steel roof structures, and modified bitumen roof systems.

All buildings will be designed in accordance with Italian and U.S. seismic, building, fire and ventilation codes and the latest Department of Defense and European Command anti-terrorism/force protection (AT/FP) standards and criteria.

Built-in equipment includes 24 kitchenettes in the Bachelor Enlisted Quarters, three elevators, frequency converter, lightning protection, port services equipment upgrade from typical squadron operations facility, roof and wall upgrade from typical squadron operations facility, and special grounding.

Demolition is provided for twelve existing facilities, Buildings 2 (436 m2), 3 (1176 m2), 4 (880 m2), 9 (60 m2), 12 (388 m2), 13 (417 m2), 14, (579 m2), 17 (46 m2), 18 (31 m2), 20 (65 m2), 22 (95 m2), 104 (866 m2). The new Port Services Building will provide ashore facilities for functions presently provided afloat on the Berthing Barge. With new facilities ashore, the Berthing Barge will be removed from the Santo Stefano waterfront, thereby increasing the facility disposal total by 3440 m2. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

Project will reconstruct the ship support facilities at the waterfront

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32960
NAVAL SUPPORT ACTIVITY LA MADDALENA, ITALY

4. Project Title	7. Project Number
CONSOLIDATE SANTO STEFANO FACILITIES	995

(...continued)
area of NSA La Maddalena. (Current mission)

REQUIREMENT:

Adequate waterfront support facilities are required for NSA La Maddalena's mission is provide all necessary support to the homeported USS Emory S. Land, which is berthed on the small island of St. Stefano. Facilities on St. Stefano are limited to those that directly support repair ship operations and its crew. Remaining support and housing functions are located in leased facilities on the island of LaMaddalena, approximately two miles from the ship's berth.

The bachelor enlisted quarters will support sails from visiting submarines. Transient berthing areas are required for sailors who 'hot rack' while submarines is underway. Submariners must stay at St. Stefano because travel times to the island inhibit operational readiness requirements. Waterfront support facilities required at St. Stefano include Port Services building, Fitness Center, Hazardous Material and Waste Storage Warehouse, Bachelor Quarters, Dining Facility, and General Warehouse. These facilities will support visiting submarines and ships. The 700 people assigned to the tender, the 150 port operations people and everyone assigned to La Maddalena (no civilians, no dependents). A Small Craft Berthing Pier is also required along with adequate Cold Iron support capability to support homeported and visiting submarines and also provide downtime for each generator to conduct necessary periodic maintenance.

CURRENT SITUATION:

Facilities at St. Stefano are largely inadequate due to size and condition and do not conform to Department of Defense or European Command anti-terrorism force protection criteria. The small craft berthing requires an additional 200 linear meters. All warehouses, shops and the mess hall are inadequate and require demolition and replacement. The port services spaces and submariner berthing spaces are currently located on a Berthing Barge which is inadequate and will be removed from St. Stefano and replaced with adequate facilities ashore. The existing Cold Iron support is undersized and provides no down time for maintenance of generators.

IMPACT IF NOT PROVIDED:

If not provided, the 1,254 homeported sailors assigned to the repair ship homeported at St. Stefano will continue to be stationed at what is

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32960
NAVAL SUPPORT ACTIVITY LA MADDALENA, ITALY

4. Project Title	7. Project Number
CONSOLIDATE SANTO STEFANO FACILITIES	995

(...continued)

considered a hardship tour site. The force protection conditions at La Maddalena are Chief of Naval Forces Europe's most serious anti-terrorism force protection challenge. If not provided, AT/FP requirements cannot be met. The quality of life at St. Stefano is inadequate due to 1970's style facilities and lack of needed personnel support features such as an indoor fitness center with fleet recreation functions. These are particularly significant at St. Stefano because the extremely small site does not provide any outdoor recreation.

Additionally, If not provided, the existing Cold Iron facility will be operated at a rate that does not allow periodic preventive maintenance.

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..... 11/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 1985
- (B) All Other Design Costs..... 662
- (C) Total..... 2647
- (D) Contract..... 1655
- (E) In-House..... 992

(4) Contract Award..... 12/03

(5) Construction Start..... 01/04

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N32960
NAVAL SUPPORT ACTIVITY LA MADDALENA, ITALY

4. Project Title	7. Project Number
CONSOLIDATE SANTO STEFANO FACILITIES	995

(...continued)

(6) Construction Completion..... 07/06

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Electronic Security Systems	OPN	2005	1341

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LT THOMAS MOSKAL Phone No: 011-039-0789-79

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62995	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION SIGONELLA, ITALY	Commander, U.S. Naval Forces Europe	1.16

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	261	2,402	894	0	0	0	105	590	0	4,252
b. End FY 2009	285	2,541	907	0	0	0	105	590	0	4,428

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (609.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	318,455.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	91,109.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	34,070.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	75,141.00
g.	REMAINING DEFICIENCY.....	69,704.00
h.	**GRAND TOTAL.....**	**588,479.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
219.10	BASE OPS SUPPORT I (98,953 SF)	9,193 m2	34,070	11/01	09/03
	TOTAL		34,070		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

610.10	BASE OPERATIONS SUPPORT II (93,797 SF)	8,714 m2	38,505
610.10	ADMINISTRATIVE OFFICE (58,061 SF)	5,394 m2	20,517
610.10	BASE OPERATIONS SUPPORT IV (69,007 SF)	6,411 m2	16,119
	TOTAL		75,141

c. R&M Unfunded Requirement ($000): $ 37,100

10. Mission Or Major Functions:

Navy's major mid-Mediterranean shore installation used for logistic support of the Sixth Fleet and as a base of operations for deployed, land-based anti-submarine warfare (ASW) aircraft. Navy intra-theatre airlift squadron also assigned, with carrier on-board airlift mission. Support transient, carrier-based tactical aircraft as required. Presently supports Air

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62995	4. Command	5. Area Constr Cost Index
NAVAL AIR STATION SIGONELLA, ITALY	Commander, U.S. Naval Forces Europe	1.16

(...continued)

Mobility Command (AMC) cargo flights and Military Airlift Command (MAC) passenger flights from the U.S. Provides air logistics interface with nearby Augusta Bay NATO fuel and ammunition replenishment pier and depot. Supports helicopter combat squadron and helicopter surveillance squadron.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62995	4. Project Title
NAVAL AIR STATION SIGONELLA, ITALY	BASE OPERATIONS SUPPORT FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0702876N	219.10	635	34,070

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BASE OPERATIONS SUPPORT FACILITIES (98,953 SF)	m2	9,193	-	14,030
PUBLIC WORKS SHOP (28,298 SF)	m2	2,629	1,463	(3,850)
PUBLIC WORKS STORAGE (20,796 SF)	m2	1,932	933	(1,800)
AUTO VEHICLE SHOP/REFUELER SHOP (20,247 SF)	m2	1,881	1,877	(3,530)
AUTO VEHICLE HOLDING SHED (8,396 SF)	m2	780	841	(660)
HAZARDOUS WASTE TRANSFER STATION (10,764 SF)	m2	1,000	1,306	(1,310)
AIR FORCES SERVICES FOR EXCEPTIONAL CHILDREN (3,875 SF)	m2	360	2,054	(740)
DEFENSE REUTILIZATION MATERIALS OFFICE (6,577 SF)	m2	611	1,013	(620)
BUILT-IN EQUIPMENT	LS	-	-	(910)
INFORMATION SYSTEMS	LS	-	-	(160)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(190)
TECHNICAL OPERATING MANUALS	LS	-	-	(260)
SUPPORTING FACILITIES	LS	-	-	16,440
SPECIAL FOUNDATION FEATURES	LS	-	-	(1,620)
ELECTRICAL UTILITIES	LS	-	-	(2,010)
MECHANICAL UTILITIES	LS	-	-	(1,570)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(10,210)
DEMOLITION	LS	-	-	(1,030)
SUBTOTAL	-	-	-	30,470
Contingency (5.0%)	-	-	-	1,520
TOTAL CONTRACT COST	-	-	-	31,990
Supervision Inspection & Overhead (6.5%)	-	-	-	2,080
TOTAL REQUEST	-	-	-	34,070
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

This project provides required anti-terrorism/force protection improvements to protect critical operational assets at Naval Air Station Sigonella (NAS) II with construction of one facility at NAS I. It will

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62995
NAVAL AIR STATION SIGONELLA, ITALY

4. Project Title	7. Project Number
BASE OPERATIONS SUPPORT FACILITIES	635

(...continued)

construct separate and useable facilities for Base Operations Support to include: Public Works facilities for vehicle maintenance, a refueler shop, a vehicle holding shed, Public Works shops and Public Works Storage Facility, a transportation vehicle area; a hazardous waste storage and transfer facility; and an Air Forces Services for Exceptional Children facility. Relocate facilities for Defense Reutilization Materials Office (DRMO) including a warehouse and storage yard. Perimeter fencing around the North Atlantic Treaty Organization Annex land will be provided. This fencing will only encompass U.S. used land. The security impounding lot will be relocated. Construction of an Air Forces Services for Exceptional Children facility will be provided west of the existing school at Naval Air Station Sigonella I.

These facilities will be concrete and/or steel framed construction, heated and cooled, and provided with fire protection including sprinklers, alarm and detection system, an elevator to all facilities over one story, connections to the base-wide utility system and designed for handicap personnel. Construction of these facilities will be permanent, designed in accordance with Italian and U.S. seismic, building, fire and ventilation codes. The construction of this project will provide the required minimum anti-terrorism and force protection measures in accordance with the Interim Department of Defense Anti-terrorism Force Protection Construction Standards and European Command regulations.

Special foundation features are required due to the volcanic origin of soils at Sigonella. Foundation work includes a special foundation underlayment system. Underlayment includes excavating and removing the indigenous silty expansive clay material and placing impervious support fabric or a mud slab on the bottom of the excavation. Dewatering is required during foundation construction. The bottom of the footings will be placed at a depth of not less than two meters below existing ground surface. Built-in equipment cost includes fire booster pumps and Spanish clay tile roofs for the Auto Vehicle and Refueler Facility, the Vehicle Holding Shed, Public Works Shop, Public Works Maintenance Storage, DRMO warehouse, Hazardous Waste Storage, and Air Forces Services for Exceptional Children Facility. Demolition of 17 existing facilities (6,349 square meters) is included: Buildings 409 (72 m2), 418 (146 m2), 434 (409 m2), 471 (570 m2), 481 (297 m2), 482 (1072 m2), 483 (143 m2), 489 (168 m2), 490 (1075 m2), 495 (534 m2), 498 (445 m2), 500 (148 m2), 654 (359 m2), 655 (322 m2), 694 (31 m2) and 733 (558 m2).

Environmental clean up of the existing fuel farm site will be required before construction. Relocation of the DRMO compound, hazardous waste

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62995
NAVAL AIR STATION SIGONELLA, ITALY

4. Project Title	7. Project Number
BASE OPERATIONS SUPPORT FACILITIES	635

(...continued)
facility and security impound lot will also be required before construction. Construction of storage yards and interior fencing for the DRMO storage yard and the security impound lot will be included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 9,193 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project provides for adequate consolidated Base Operations Support facilities in support of the Recapitalization Plan for NAS II (Airfield Operations Area). (Current mission)

REQUIREMENT:

This project is required to develop a systematic, methodical and executable program for the Recapitalization of facilities at Naval Air Station Sigonella II (NAS II). This project will reconfigure NAS II to significantly enhance functional efficiency and the base operations support; demolish and/or replace all low equity, obsolete, inefficient, high maintenance facilities and structures; cleanup contaminated soils, reclaim and optimize use of scarce and wasted real estate, replace and expand energy inefficient utility systems; and create expansion opportunities associated with future mission changes in accordance with Commander, U.S. Naval Forces Europe's theater-wide infrastructure reduction vision.

CURRENT SITUATION:

Currently, NAS II is overdeveloped, with limited land available for expansion. This severely limits opportunities to accommodate future mission changes. Since NAS Sigonella is the primary core base for fleet logistics and airfield operations in this geographic region, it has the high potential to become a receiver site for functions from other activities. Additionally, a majority of the facilities do not conform to handicap criteria or Anti-terrorism Force Protection criteria. Environmental clean-up of this site is required due to the relocation of the existing fuel farm (military construction project P-125).

IMPACT IF NOT PROVIDED:

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62995
NAVAL AIR STATION SIGONELLA, ITALY

4. Project Title	7. Project Number
BASE OPERATIONS SUPPORT FACILITIES	635

(...continued)

If the project is not constructed, the current situation will persist, contributing to a reduced quality of life in the workplace for personnel stationed at NAS Sigonella. Continued use of existing facilities which are obsolete, inefficient, high maintenance, as well as land unavailability, will limit the expansion or enhancement to the base operational support and mission readiness.

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..... 11/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 1733
- (B) All Other Design Costs..... 578
- (C) Total..... 2311
- (D) Contract..... 1444
- (E) In-House..... 867

(4) Contract Award..... 12/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 01/07

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N62995
NAVAL AIR STATION SIGONELLA, ITALY

4. Project Title	7. Project Number
BASE OPERATIONS SUPPORT FACILITIES	635

(...continued)

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: CAPT ROBERT RAINES Phone No: 011-39-095-86-6

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63005	4. Command	5. Area Constr Cost Index
NAVAL SUPPORT ACTIVITY BAHRAIN	Chief of Naval Operations	1.31

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	219	1,340	135	0	0	0	84	484	0	2,262
b. End FY 2009	266	1,546	131	0	0	0	84	484	0	2,511

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (36.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	96,360.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	114,800.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	18,030.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	59,207.00
g.	REMAINING DEFICIENCY.....	57,635.00
h.	**GRAND TOTAL.....**	**346,032.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
143.65	OPS CONTROL CENTER (75,444 SF)	7,009 m2	18,030	11/01	09/03
	TOTAL		18,030		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

610.10	OPERATIONS & SUPPORT FACS (314,586 SF)	29,226 m2	25,953
113.20	AVIATION FACILITIES (3,118,800 SF)	289,746 m2	33,254
	TOTAL		59,207

c. R&M Unfunded Requirement ($000): $ 1,900

10. Mission Or Major Functions:

This unit is under the Commander, U. S. Naval Forces Central Command (COMUSNAVCENT) who provides overall command and operational control of naval forces assigned to the Commander, U. S. Central Command and coordinates with naval forces operating in support of U. S. Central Command's naval component. Its mission is to maintain and operate facilities and to provide support for visiting units of the operating forces, Department of Defense Dependent School, and to personnel, including dependents, from commands and

(Continued On DD 1390C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63005	4. Command	5. Area Constr Cost Index
NAVAL SUPPORT ACTIVITY BAHRAIN	Chief of Naval Operations	1.31

(...continued)

U.S. Department of Defense activities in the Bahrain area. There are fifty full-time tenants that are supported in addition to the DoD School and visiting operating forces. Also responsible for operating and maintaining a communications facility to support the Defense Communication System and Fleet requirements in the Persian Gulf to include a message center.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63005	4. Project Title
NAVAL SUPPORT ACTIVITY BAHRAIN	OPERATIONS CONTROL CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202176N	143.65	927	18,030

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OPERATIONS CONTROL CENTER (75,444 SF)	m2	7,009	-	13,010
OPCON CENTER (43,551 SF)	m2	4,046	2,011	(8,140)
SATELLITE COMMUNICATIONS BASEBAND EQUIPMENT (31,893 SF)	m2	2,963	1,526	(4,520)
INFORMATION SYSTEMS	LS	-	-	(230)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(120)
SUPPORTING FACILITIES	LS	-	-	3,110
SPECIAL FOUNDATION FEATURES	LS	-	-	(290)
ELECTRICAL UTILITIES	LS	-	-	(1,400)
MECHANICAL UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(910)
DEMOLITION	LS	-	-	(450)
SUBTOTAL	-	-	-	16,120
Contingency (5.0%)	-	-	-	810
TOTAL CONTRACT COST	-	-	-	16,930
Supervision Inspection & Overhead (6.5%)	-	-	-	1,100
TOTAL REQUEST	-	-	-	18,030
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	13,300

10. Description of Proposed Construction

Project will construct additions to the Navy Central Command (NAVCENT) Headquarters building and the Naval Computer and Telecommunications Station (NCTS) Satellite Communications (SATCOM) building. One building will be a three-story, force protected addition to Building 260, NAVCENT Headquarters, built under Military Construction Projects (MILCON) P-903 and P-904. The NCTS SATCOM building will consist of two additions to Building 103, existing NCTS SATCOM, which currently houses Base band Equipment Rooms 1 and 2. Each of the additions will be built on piles with a concrete structure, floors, and roof, with a moment resistant frame. The roof will be designed with dedicated penetrations to support various antenna systems. Special foundation features include drilled piles and reinforced concrete grade beams because these facilities will be constructed on a dredge/fill site with insufficient bearing capacity to support the facilities.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63005
NAVAL SUPPORT ACTIVITY BAHRAIN

4. Project Title	7. Project Number
OPERATIONS CONTROL CENTER	927

(...continued)

Facilities include ventilation and air conditioning, hot and cold domestic water, sanitary fixtures, electric service and distribution equipment, interior lighting, emergency lighting, telephone, fire alarm, and sprinkler system. ''Sensitive Compartmented Information Facility'' (SCIF) type construction will be utilized, along with raised flooring. Intrusion detection systems and entry control systems, grounding, emergency generators and a uninterruptible power supply system will be included in the additions. Substation P-3 will be replaced with expanded capacity. Project includes exterior landscaping, architecture to match existing building, utilities, roads, and parking. Project will also include some reconfiguration to both Building 260 and Building 103 to accommodate the additions and to maximize the efficiency of the space.

The following facilities will be demolished: 34 (.84 m2), 46R (89 m2), 47 (1,071 m2), 57R (238 m2), 64 (57 m2), 76 (52 m2), 90R (59 m2), 91R (18 m2), 93R (59 m2), 94R (241 m2), 95R (59 m2), 97R (36 m2), 102 (146 m2), a portion of 103 (328 m2), 107 (37 m2), 108R (22 m2), 109 (264 m2), 111 (775 m2), 115R (45 m2), 118R (59 m2), 122R (59 m2), 123R (59 m2), 128R (45 m2), 132R (45 m2), 137 (351 m2), 139R (118 m2), 144R (45 m2), 145R (134 m2), 151 (4 m2), 152R (30 m2), 157R (45 m2), 158R (45 m2), 161R (45 m2), 163R (104 m2), 165R (205 m2), 184 (39 m2), 186 (127 m2), 189R (45 m2), 194 (56 m2), 197R (59 m2), 200R (59 m2), 201R (59 m2), 207R (37 m2), 208R (59 m2), 209R (119 m2), 211R (59 m2), and 297 (59 m2).

The Mobile Integrated Command Facility Frequency Converter, Operations Center and Storage, and NCTS's Extremely High Frequency Antenna will be relocated. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

11. Requirement: 7,009 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT:

This project provides additions to the force protected NAVCENT Headquarters/Operations Control (OPCON) Center (Building 260) at NSA Bahrain and the NCTS SATCOM Building (Bldg 103). (Current mission)

REQUIREMENT:

Adequate facilities are required to accommodate NAVCENT and supporting commands. Since the MILCON projects P-903 and P-904 were developed,

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63005
NAVAL SUPPORT ACTIVITY BAHRAIN

4. Project Title	7. Project Number
OPERATIONS CONTROL CENTER	927

(...continued)

NAVCENT and the supporting commands have significantly increased their number of personnel. The combined basic facility requirement has grown by 4,046 m2. Since Phases I and II of the OPCON Center were developed, four minesweepers have been homeported in Bahrain and the Mine Countermeasures Division 31 has been stood up at NAVCENT. Additionally, more Joint units have been based at NSA Bahrain.

NCTS has also grown significantly since OPCON Phase II was planned. An additional 250 racks of communications equipment are required to support both Navy and Joint Forces communications in the Central Command area of responsibility.

NAVCENT is the command center for all Naval operations in the Central Command area of responsibility. NSA Bahrain is the host activity for several commands and provides mission support for U.S. and allied forces in the region. NSA Bahrain is a high profile U.S. presence in the Arab world. Therefore, it is a prime target for terrorist attacks. NSA Bahrain has operated under force protection condition Delta over 20 days in 2001 before September 11th. Given the past and expected threat conditions in Bahrain, every effort should be made to provide U.S. personnel force-protected facilities.

CURRENT SITUATION:

NAVCENT, NCTS and supporting commands are currently located in a combination of relocatable facilities and semi-permanent buildings. Re-locatable facilities are extremely vulnerable to terrorist attack due to their lightweight construction.

In April 2003, most personnel of NAVCENT, NCTS and supporting commands will move into a completed force protected OPCON Center. Due to increases in personnel and mission, not all personnel and functions can move into the headquarters as planned. Personnel not moving into the new NAVCENT Headquarters will have to remain in their unprotected facilities and remain exposed to potential terrorist attack. NCTS can no longer properly house all the necessary communications equipment to support NAVCENT and CENTCOM.

IMPACT IF NOT PROVIDED:

Without this project, personnel working in the existing OPCON and the SATCOM facilities will be unnecessarily exposed to terrorist attacks. A majority of personnel in the remaining NAVCENT facilities at the time of a

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63005
NAVAL SUPPORT ACTIVITY BAHRAIN

4. Project Title	7. Project Number
OPERATIONS CONTROL CENTER	927

(...continued)

terrorist attack on the scale of the defined CENTCOM threat would suffer fatalities. The existing facilities are in violation of CENTCOM anti-terrorism force protection standards and the Joint Staff Integrated Vulnerability Assessment inspection standards. These facilities are unsafe and many are extremely expensive to maintain. They are not adequately designed to withstand Bahrain's environment. The cooling costs are higher due to poor insulation; roofs and window seals on relocatable facilities require excessive maintenance due to the degrading effects of ultraviolet radiation. Quality of life in the workplace also suffers since relocatable facilities have poor configurations, insufficient lighting and airflow, and unreliable toilets. The crowded conditions in the NCTS spaces; hinders operation and maintenance of the existing equipment and precludes adding additional equipment as the requirements arise.

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..... 11/01
- (B) Date Design 35% Complete..... 01/03
- (C) Date Design Complete..... 09/03
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 35%
- (F) Type of Design Contract..... Design/Bid/Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
- (A) Production of Plans and Specifications..... 918
- (B) All Other Design Costs..... 306
- (C) Total..... 1224
- (D) Contract..... 765
- (E) In-House..... 459

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N63005
NAVAL SUPPORT ACTIVITY BAHRAIN

4. Project Title	7. Project Number
OPERATIONS CONTROL CENTER	927

(...continued)

(4) Contract Award..... 12/03

(5) Construction Start..... 01/04

(6) Construction Completion..... 02/07

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
BER Equipment Move	O&MN	2005	9000
Collateral Equipment	O&MN	2005	1300
Equipment Move	O&MN	2005	3000

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LCDR MICHAEL ZUCCHERO Phone No: 011-973-724-500

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N49076	4. Command	5. Area Constr Cost Index
JOINT MARITIME FACILITY SAINT MAWGAN, UNITED KINGDOM	Commander, U. S. Naval Forces Europe	1.21

6. Personnel Strength	Permanent			Students			Supported			
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Total
a. As Of 9/30/02	26	267	63	0	0	0	0	0	0	356
b. End FY 2009	29	291	64	0	0	0	0	0	0	384

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (7,300.00)	
b.	INVENTORY TOTAL AS OF 29 Mar 2002.....	0.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	2,010.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	7,070.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0.00
g.	REMAINING DEFICIENCY.....	0.00
h.	**GRAND TOTAL.....**	**9,080.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
721.11	BACHELOR ENLISTED QUARTERS (17,050 SF)	1,584 m2	7,070	11/01	09/03
	TOTAL		7,070		

9. Future Projects:

a. Included In The Following Program (FY 2005):

None

b. Major Planned Next Three Years:

None

c. R&M Unfunded Requirement ($000): $ 57

10. Mission Or Major Functions:

Joint Maritime Facility St. Mawgan is responsible for intelligence gathering and analysis. The command provides anti-submarine warfare and ocean borne acoustic information to shore-based commands and tactical platforms through integrated teamwork of U.S./U.K. forces.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N49076	4. Project Title
PERSONNEL SUPPORT DETACHMENT SAINT MAWGAN, UNITED KINGDOM	BACHELOR ENLISTED QUARTERS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0202276N	721.11	115	7,070

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
BACHELOR ENLISTED QUARTERS (17,050 SF)	m2	1,584	-	4,400
BACHELOR QUARTERS (17,050 SF)	m2	1,584	2,333	(3,700)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
INFORMATION SYSTEMS	LS	-	-	(50)
BUILT-IN EQUIPMENT	LS	-	-	(250)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(320)
SUPPORTING FACILITIES	LS	-	-	1,920
ELECTRICAL UTILITIES	LS	-	-	(380)
MECHANICAL UTILITIES	LS	-	-	(370)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,170)

SUBTOTAL	-	-	-	6,320
Contingency (5.0%)	-	-	-	320

TOTAL CONTRACT COST	-	-	-	6,640
Supervision Inspection & Overhead (6.5%)	-	-	-	430

TOTAL REQUEST	-	-	-	7,070
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Construct a concrete frame Bachelor Enlisted Quarters (maximum of 3-stories) with 24 ''enhanced 1+1'' modules with two private sleeping rooms; kitchenette, walk-in closets, and adjoining full semi-private bath with masonry walls and concrete foundation. Project also includes supporting areas such as a lobby, vending/recreation area, small duty office, linen storage and loaner equipment check out room, utilities, fire protection and alarm system, anti-terrorism and force protection designed to meet all current force protection standards, site improvements, landscaping, parking, data information system. This project will meet the required setbacks for a billeting building by eliminating parking spaces adjacent to the building. Structural, glazing and mechanical and utility systems will be designed in accordance with European Command and Department of Defense minimum anti-terrorism force protection criteria. Built-in equipment includes passenger elevator, fire booster pump, kitchen equipment (microwaves and refrigerators), hot plates, stacked washer/dryers and water heaters. Sustainable principles will be

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N49076
PERSONNEL SUPPORT DETACHMENT SAINT MAWGAN, UNITED KINGDOM

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	115

(...continued)
integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.

Intended Grade Mix: 24 E1-E4<4; 12 E4>4 to E6
Maximum Utilization: 48 E1-E4

11. Requirement: 140 PN Adequate: 96 PN Substandard: 0 PN

PROJECT:

Project constructs a 24 ''enhanced 1+1'' standard module, apartment-type Bachelor Enlisted Quarters. (Current mission)

REQUIREMENT:

An adequate facility is required to satisfy the anti-terrorism force protection deficiency by locating bachelor quarters further away from the base perimeter, protecting enlisted personnel and meeting the ''enhanced 1+1'' Quality of Life Standards. This project will satisfy adequate berthing for 36 persons. Upon vacating, these buildings will be returned to the Royal Air Force host.

CURRENT SITUATION:

The three existing Bachelor Enlisted Quarters (Buildings. 618, 619, and 620) do not meet current force protection requirement setbacks (45 meter minimum) from the base perimeter and/or from roads and have been classified as ''inadequate.'' Six rooms share one bathroom with two showers and two toilets. All rooms are approximately 90 square feet.

IMPACT IF NOT PROVIDED:

Without this project, Joint Maritime Facility St Mawgan will continue to be vulnerable to terrorist attack, resulting in an undue risk to the junior enlisted military. Staying in these old Bachelor Quarters also adversely affects their welfare and quality of life. The Bachelor Quarters cannot be renovated due to their proximity to the perimeter and roads.

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,

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N49076
PERSONNEL SUPPORT DETACHMENT SAINT MAWGAN, UNITED KINGDOM

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	115

(...continued)
Facility Planning and Design guide)

(1) Status:
(A) Date Design Started..... 11/01
(B) Date Design 35% Complete..... 01/03
(C) Date Design Complete..... 09/03
(D) Percent Complete As Of September 2002..... 2%
(E) Percent Complete As Of January 2003..... 35%
(F) Type of Design Contract..... Design/Bid/Build
(G) Parametric Estimate used to develop cost..... Yes
(H) Energy study/life-cycle analysis performed..... Yes

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

(3) Total Cost (C) = (A) + (B) Or (D) + (E):
(A) Production of Plans and Specifications..... 359
(B) All Other Design Costs..... 120
(C) Total..... 479
(D) Contract..... 299
(E) In-House..... 180

(4) Contract Award..... 01/04

(5) Construction Start..... 04/04

(6) Construction Completion..... 04/06

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

C. FY 2002 Unaccompanied Housing R&M Conducted:
$98,000

D. FY 2003 Unaccompanied Housing R&M Conducted:
$98,000

E. Future Unaccompanied Housing R&M Requirements:
$98,000

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N49076
PERSONNEL SUPPORT DETACHMENT SAINT MAWGAN, UNITED KINGDOM

4. Project Title	7. Project Number
BACHELOR ENLISTED QUARTERS	115

(...continued)

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.

Activity POC: LT MATTHEW TUCKER Phone No: 011441637853591

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: NC1002	4. Command	5. Area Constr Cost Index
VARIOUS LOCATIONS	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 9/30/02	6,179	6,117	16,599	0	0	0	17	50	0	28,962
b. End FY 2009	6,554	6,472	18,250	0	12	0	17	50	0	31,355

7. INVENTORY DATA ($000)

a.	TOTAL ACREAGE (704.00)	
b.	INVENTORY TOTAL AS OF 30 Sep 2001.....	865,615.00
c.	AUTHORIZATION NOT YET IN INVENTORY.....	3,700.00
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....	27,610.00
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	27,803.00
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....	49,017.00
g.	REMAINING DEFICIENCY.....	93,900.00
h.	**GRAND TOTAL.....**	**1,067,645.00**

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost ($000)	Design Status Start	Design Status Complete
111.10	OLF FACS (INC I)	0 SY	27,610	06/02	06/04
	TOTAL		27,610		

9. Future Projects:

a. Included In The Following Program (FY 2005):

111.10	OLF FACS (INC II)	0 SY	27,803
	TOTAL		27,803

b. Major Planned Next Three Years:

152.10	WHARF UPGRADE	0 LS	38,048
390.11	EARS LAND BASED SITE (2,799 SF)	260 m2	10,969
	TOTAL		49,017

c. R&M Unfunded Requirement ($000): $ 0

10. Mission Or Major Functions:

Logistic and maintenance support to Naval support units as assigned.

Block 6a and 6b and block 7a and 7b are the Host UIC N00171 numbers.

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

a. Pollution Abatement (*): $ 0

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: NC1002	4. Project Title
VARIOUS LOCATIONS	OUTLYING LANDING FIELD (OLF) FACILITIES, INCREMENT I

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0204696N	111.10	689	Auth 56,360 Appr 27,610 Auth for Appr 27,610

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
OUTLYING LANDING FIELD (OLF) FACILITIES	LS	-	-	36,440
RUNWAY, TAXIWAY AND PARKING APRON (1,600,001 SF)	m2	148,645	120	(17,840)
APPROACH LIGHTING	EA	2	700,000	(1,400)
SIMULATED CARRIER DECK LIGHTING	EA	2	600,000	(1,200)
RUNWAY LIGHTING	LS	-	-	(800)
LAND INTEREST ACQUISITION/RELOCATION	AC	3,000	5,000	(15,000)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(200)
SUPPORTING FACILITIES	LS	-	-	12,950
ELECTRICAL UTILITIES	LS	-	-	(1,710)
MECHANICAL UTILITIES	LS	-	-	(2,050)
ENVIRONMENTAL MITIGATION	LS	-	-	(1,210)
GRADING AND LANDSCAPING	LS	-	-	(280)
ROADWAY AND PAVING	LS	-	-	(7,700)

SUBTOTAL	-	-	-	49,390
Contingency (5.0%)	-	-	-	2,470

TOTAL CONTRACT COST	-	-	-	51,860
Supervision Inspection & Overhead (6.0%)	-	-	-	3,110

SUBTOTAL	-	-	-	54,970
DESIGN/BUILD - DESIGN COST	LS	-	-	1,390
LESS INCREMENT II	LS	-	-	-28,750

TOTAL REQUEST	-	-	-	27,610
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Acquire interests in approximately 3000 acres of land for a new outlying landing field (OLF) and provide relocation assistance. Project also includes construction of a 2,440 m runway with appropriate clear zones, a 1,970 m2 aircraft parking apron, 23 m wide taxiway, runway and approach lights, runway overruns, simulated carrier deck lighting at each end of the runway, earthwork; clearing and grubbing; landscaping, signage, utilities, roads, parking, drainage, fencing, and anti-terrorism/force protection features.

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: NC1002
VARIOUS LOCATIONS

4. Project Title	7. Project Number
OUTLYING LANDING FIELD (OLF) FACILITIES, INCREMENT I	689

(...continued)

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

Acquire land interests and construct an outlying landing field (OLF). (New mission)

REQUIREMENT:

The OLF will provide facilities and functions to support training and operations of the new F/A-18 E/F (Super Hornet) aircraft to be based on the east coast. This includes required repetitive flight operations to support the Atlantic Fleet. One of the more important characteristics of an OLF training facility is for field carrier landing practice. This OLF will allow operations to be conducted away from the home facility thus improving flexibility of operations, improved quality of life and quality of service, and noise/population encroachment mitigation.

CURRENT SITUATION:

The Navy is currently evaluating east coast options for siting its newest strike fighter - the F/A-18 E/F Super Hornet. The new homebase (s) will accommodate 10 Super Hornet fleet squadrons (130 aircraft) and one Fleet Replacement Squadron (32 aircraft) on the East Coast of the United States by 2007. A new OLF would allow field carrier landing practice (FCLP) to be conducted away from the home bases currently being considered for F/A-18 E/F homebasing - NAS Oceana, MCAS Cherry Point, and MCAS Beaufort. In particular, if the Navy ultimately decides to site a majority of the E/Fs at MCAS Cherry Point or MCAS Beaufort, a new OLF is required to support FCLP training requirements because neither activity currently has a suitable OLF. If the Navy decides to site a majority of the aircraft at NAS Oceana, a new OLF is required to provide operational flexibility, improve the quality of life for Navy personnel and civilians, and, most importantly, to provide noise/population encroachment mitigation for communities surrounding the base.

IMPACT IF NOT PROVIDED:

Without the OLF there will be a negative impact on the squadrons home field and training areas. The capability to complete the aircraft training curriculum between deployment cycles would be greatly diminished.

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: NC1002
VARIOUS LOCATIONS

4. Project Title	7. Project Number
OUTLYING LANDING FIELD (OLF) FACILITIES, INCREMENT I	689

(...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..... 06/02
- (B) Date Design 35% Complete..... 12/03
- (C) Date Design Complete..... 06/04
- (D) Percent Complete As Of September 2002..... 2%
- (E) Percent Complete As Of January 2003..... 2%
- (F) Type of Design Contract..... Design Build
- (G) Parametric Estimate used to develop cost..... Yes
- (H) Energy study/life-cycle analysis performed..... N/A

(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..... 1500
- (B) All Other Design Costs..... 500
- (C) Total..... 2000
- (D) Contract..... 500
- (E) In-House..... 1500

(4) Contract Award..... 02/04

(5) Construction Start..... 03/04

(6) Construction Completion..... 06/05

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

JOINT USE CERTIFICATION:

The Naval Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. The reason for this recommendation is:

This facility can be used by other components on an as available basis;

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: NC1002
VARIOUS LOCATIONS

4. Project Title	7. Project Number
OUTLYING LANDING FIELD (OLF) FACILITIES, INCREMENT I	689

(...continued)

however, the scope of the project is based on Navy requirements.

Activity POC: CDR ROBERT MCLAIN Phone No: 703-601-1616

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64482	4. Project Title
VARIOUS LOCATIONS	PLANNING AND DESIGN

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0901211N	010.00	204	65,612

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PLANNING AND DESIGN	LS	-	-	65,610
SUBTOTAL	-	-	-	65,610
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	65,610
Supervision Inspection & Overhead (0.0%)	-	-	-	-
SUBTOTAL	-	-	-	65,610
ROUNDING ADJUSTMENT	LS	-	-	2
TOTAL REQUEST	-	-	-	65,612
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

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: LS Adequate: LS Substandard: LS

PROJECT:

All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those where Design/Build contracting method is used. (Current mission)

REQUIREMENT:

CURRENT SITUATION:

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64482
VARIOUS LOCATIONS

4. Project Title	7. Project Number
PLANNING AND DESIGN	204

(...continued)
IMPACT IF NOT PROVIDED:

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..... N/A
- (B) Date Design 35% Complete..... N/A
- (C) Date Design Complete..... N/A
- (D) Percent Complete As Of September 2002..... 0%
- (E) Percent Complete As Of January 2003..... 0%
- (F) Type of Design Contract.....
- (G) Parametric Estimate used to develop cost..... N/A
- (H) Energy study/life-cycle analysis performed..... N/A

(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..... 0
- (B) All Other Design Costs..... 0
- (C) Total..... 0
- (D) Contract..... 0
- (E) In-House..... 0

(4) Contract Award..... N/A

(5) Construction Start..... N/A

(6) Construction Completion..... N/A

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

Activity POC: CDR BOB MCLEAN Phone No: 703-601-1616

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64481	4. Project Title
VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. Program Element	6. Category Code	7. Project Number	8. Project Cost
0901211N	020.00	204	12,334

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS	-	-	12,330
SUBTOTAL	-	-	-	12,330
Contingency (0.0%)	-	-	-	-
TOTAL CONTRACT COST	-	-	-	12,330
Supervision Inspection & Overhead (0.0%)	-	-	-	-
SUBTOTAL	-	-	-	12,330
ROUNDING ADJUSTMENT	LS	-	-	4
TOTAL REQUEST	-	-	-	12,334
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	-

10. Description of Proposed Construction

Projects authorized by Title 10 USC 2805 not otherwise authorized by law having an approved cost of $1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than $3,000,000. Total request includes funds for supervision, inspection, and overhead.

11. Requirement: LS Adequate: LS Substandard: LS

PROJECT:

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. (Current mission)

REQUIREMENT:

(Continued On DD 1391C)

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64481
VARIOUS LOCATIONS

4. Project Title	7. Project Number
UNSPECIFIED MINOR CONSTRUCTION	204

(...continued)
CURRENT SITUATION:

IMPACT IF NOT PROVIDED:

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..... N/A
(B) Date Design 35% Complete..... N/A
(C) Date Design Complete..... N/A
(D) Percent Complete As Of September 2002..... 0%
(E) Percent Complete As Of January 2003..... 0%
(F) Type of Design Contract.....
(G) Parametric Estimate used to develop cost..... N/A
(H) Energy study/life-cycle analysis performed..... N/A

(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..... 0
(B) All Other Design Costs..... 0
(C) Total..... 0
(D) Contract..... 0
(E) In-House..... 0

(4) Contract Award..... N/A

(5) Construction Start..... N/A

(6) Construction Completion..... N/A

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

1. Component	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. Date
NAVY		2/3/03

3. Installation and Location/UIC: N64481
VARIOUS LOCATIONS

4. Project Title	7. Project Number
UNSPECIFIED MINOR CONSTRUCTION	204

(...continued)

Activi