

**DEPARTMENT OF THE NAVY**

**Fiscal Year (FY) 2006 / FY 2007**

**BUDGET ESTIMATES**

**FY 2007 Program**



**MILITARY CONSTRUCTION AND**

**FAMILY HOUSING PROGRAMS**

**JUSTIFICATION DATA**

**Submitted to Congress**

**February 2006**

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**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**

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**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**  
**Summary of Locations**

<u>State/Country</u>	<b>Auth Request</b>	<b>Approp Request</b>
<b><u>Inside The United States</u></b>		
ARIZONA	5,966	5,966
CALIFORNIA	145,274	178,564
FLORIDA	13,486	56,736
GEORGIA	82,282	82,282
HAWAII	48,338	48,338
ILLINOIS	0	23,589
MARYLAND	84,255	54,781
NORTH CAROLINA	182,404	190,330
SOUTH CAROLINA	22,225	22,225
VIRGINIA	106,104	167,676
WASHINGTON	71,160	106,351
<b>Subtotal</b>	<b>761,494</b>	<b>936,838</b>
<b><u>Outside the United States</u></b>		
GUAM		29,772
ITALY	13,051	13,051
JAPAN		44,360
DIEGO GARCIA	37,473	37,473
<b>Subtotal</b>	<b>50,524</b>	<b>124,656</b>
<b><u>Various Locations</u></b>		
Various Locations	13,585	100,544
<b>Subtotal</b>	<b>13,585</b>	<b>100,544</b>
<b>Total - FY 2007 Military Construction Program</b>	<b>825,603</b>	<b>1,162,038</b>

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**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**  
**Index of Locations for Navy and Marine Corps**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>ARIZONA</b>						
		MARINE CORPS AIR STATION YUMA <u>YUMA, ARIZONA</u>				
	520	Fixed Wing Fueling Apron	5,966	5,966	Current	3
		Subtotal	5,966	5,966		
		<b>Total - ARIZONA</b>	<b>5,966</b>	<b>5,966</b>		
<b>CALIFORNIA</b>						
		MARINE CORPS AIR STATION CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>				
	036	Taxiway Improvements	1,355	1,355	Current	9
	078	Tactical Support Van Pads Expansion	5,057	5,057	Current	13
		Subtotal	6,412	6,412		
		MARINE CORPS BASE CAMP PENDLETON <u>CAMP PENDLETON, CALIFORNIA</u>				
	028	Bachelor Enlisted Quarters	18,068	18,068	Current	19
	035	Light Armored Reconnaissance Battalion Fac	7,969	7,969	Current	23
	041	Amphibious Vehicle Test Branch (AVTB) Annex	2,320	2,320	Current	27
	064	Armory and Communications Complex	12,160	12,160	Current	31
	110A	Conveyance/Reclamation Inc 2 of 2	0	33,290	Current	35
	206	BEQ & Mess Hall 41 Area MARSOC	31,115	31,115	Current	39
	563	Fire Emergency Response Station, 20 Area	4,710	4,710	Current	45
	725	Regimental Maint Complex (Ph2)	14,860	14,860	Current	49
	991	Bachelor Enlisted Quarters, Chappo (22) Area	14,940	14,940	Current	53
		Subtotal	106,142	139,432		
		NAS NORTH ISLAND <u>CORONADO, CALIFORNIA</u>				
	739	Waterfront Amphibious Operations Facility	21,535	21,535	New	59
		Subtotal	21,535	21,535		
		MARINE CORPS AIR STATION MIRAMAR <u>SAN DIEGO, CALIFORNIA</u>				
	027	Missile Magazine	2,968	2,968	Current	69
		Subtotal	2,968	2,968		
		MARINE CORPS BASE TWENTYNINE PALMS <u>TWENTYNINE PALMS, CALIFORNIA</u>				
	910	Comm/Elec Maintenance & Storage Fac	8,217	8,217	Current	75
		Subtotal	8,217	8,217		
		<b>Total - CALIFORNIA</b>	<b>145,274</b>	<b>178,564</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**  
**Index of Locations for Navy and Marine Corps**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<b><u>Inside the United States</u></b>						
<b>FLORIDA</b>						
		NAVAL AIR STATION PENSACOLA <u>EGLIN A.F.B., FLORIDA</u>				
	904	BEQ EOD SCHOOL	13,486	13,486	New	81
		Subtotal	13,486	13,486		
		NAVAL AIR STATION JACKSONVILLE <u>JACKSONVILLE, FLORIDA</u>				
	312A	Helicopter Hanger Replacement Inc 2 of 2	0	43,250	New	89
		Subtotal	0	43,250		
		<b>Total - FLORIDA</b>	<b>13,486</b>	<b>56,736</b>		
<b>GEORGIA</b>						
		MARINE CORPS LOGISTICS BASE <u>ALBANY, GEORGIA</u>				
	001A	Land Acq Blount Is Jacksonville FL-Settlement	62,000	62,000	Current	95
		Subtotal	62,000	62,000		
		NAVAL SUBMARINE BASE KINGS BAY <u>KINGS BAY, GEORGIA</u>				
	596	Reaction Force Fac Auxiliary Support Complex	13,648	13,648	Current	101
	598	Waterfront Security Force Facility	6,634	6,634	Current	105
		Subtotal	20,282	20,282		
		<b>Total - GEORGIA</b>	<b>82,282</b>	<b>82,282</b>		
<b>HAWAII</b>						
		NAVAL STATION PEARL HARBOR <u>EWA BEACH, HAWAII</u>				
	181	Dredge West Loch Channel for T-AKE	30,994	30,994	New	111
		Subtotal	30,994	30,994		
		NAVAL STATION PEARL HARBOR <u>PEARL HARBOR, HAWAII</u>				
	007	Helicopter Flight Training Facility	4,324	4,324	Current	117
		Subtotal	4,324	4,324		
		NAVAL STATION PEARL HARBOR <u>WAHIAWA, HAWAII</u>				
	200	Mobile User Objective System Installation	13,020	13,020	New	123
		Subtotal	13,020	13,020		
		<b>Total - HAWAII</b>	<b>48,338</b>	<b>48,338</b>		
<b>ILLINOIS</b>						
		NAVAL STATION GREAT LAKES <u>GREAT LAKES, ILLINOIS</u>				
	748A	RTC Infrastructure Upgrades Inc 2 of 3	0	23,589	Current	129
		Subtotal	0	23,589		
		<b>Total - ILLINOIS</b>	<b>0</b>	<b>23,589</b>		



**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**  
**Index of Locations for Navy and Marine Corps**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>MARYLAND</b>						
		NAVAL SUPPORT ACTIVITY WASHINGTON <u>ANNAPOLIS, MARYLAND</u>				
	334A	Wesley Brown Field House Inc 2 of 2	0	26,685	Current	135
		Subtotal	0	26,685		
		NAVAL AIR STATION PATUXENT RIVER <u>PATUXENT RIVER, MARYLAND</u>				
	146	MMA Test Facilities, Renovation & Modn	16,316	16,316	New	141
		Subtotal	16,316	16,316		
		NAVAL SUPPORT ACTIVITY WASHINGTON <u>SUITLAND, MARYLAND</u>				
	339	National Maritime Intel Center Inc 1 of 3	67,939	11,780	Current	147
		Subtotal	67,939	11,780		
		<b>Total - MARYLAND</b>	<b>84,255</b>	<b>54,781</b>		
<b>NORTH CAROLINA</b>						
		MARINE CORPS BASE CAMP LEJEUNE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	1033	Consolidated Academic Instr Facility (Ph 2)	15,140	15,140	Current	153
	1042	Armories II MEF	4,702	4,702	Current	157
	1135	Mod K-Ranges (Ph 1)	12,102	12,102	Current	161
	1177	MARSOC Intelligence Operations Fac	20,430	20,430	New	165
	1178	MARSOC Maintenance Complex	22,117	22,117	New	169
	1182	MARSOC BEQ	61,905	61,905	New	173
	1184	MARSOC Enlisted Dining Facility	13,420	13,420	New	177
	1189	MARSOC BATTALION AID STATION	3,478	3,478	New	181
	126	Ammunition Supply Point Upgrade (Ph 2)	7,610	7,610	Current	185
		Subtotal	160,904	160,904		
		MARINE CORPS AIR STATION NEW RIVER <u>JACKSONVILLE, NORTH CAROLINA</u>				
	526	Aircraft Maintenance Hangar	21,500	21,500	Current	191
		Subtotal	21,500	21,500		
		NAVAL AIR STATION OCEANA <u>PLYMOUTH, NORTH CAROLINA</u>				
	689C	Outlying Landing Field (OLF) Facs Inc 4 of 5	0	7,926	New	197
		Subtotal	0	7,926		
		<b>Total - NORTH CAROLINA</b>	<b>182,404</b>	<b>190,330</b>		

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<u>Inside the United States</u>						
<b>SOUTH CAROLINA</b>						
		MARINE CORPS AIR STATION BEAUFORT <u>BEAUFORT, SOUTH CAROLINA</u>				
	419	Enlisted Dining Facility	14,970	14,970	Current	203
	424	ACUIZ Land Acquisition (Ph 1)	7,255	7,255	Current	207
		Subtotal	22,225	22,225		
		<b>Total - SOUTH CAROLINA</b>	<b>22,225</b>	<b>22,225</b>		
<b>VIRGINIA</b>						
		NAVAL STATION NORFOLK <u>NORFOLK, VIRGINIA</u>				
	094C	Pier 11 Replacement Inc 4 of 4	0	30,633	Current	213
	707	Helicopter Training Facility Addition	12,062	12,062	New	219
		Subtotal	12,062	42,695		
		NAVAL SUPPORT ACTIVITY NORFOLK <u>NORFOLK, VIRGINIA</u>				
	285	Damage Control School Trainer	13,502	13,502	Current	225
	859	Joint Deployment Cntr/Fleet Forces Cmnd Cntr	14,960	14,960	New	231
		Subtotal	28,462	28,462		
		NAVSUPPACT NORFOLK NAVAL SHIPYARD <u>PORTSMOUTH, VIRGINIA</u>				
	382	Dry Dock #8 Modernization	34,952	34,952	New	239
	391A	Ship Repair Pier 3 Replacement Inc 2 of 2	0	30,939	Current	243
		Subtotal	34,952	65,891		
		MARINE CORPS BASE QUANTICO <u>QUANTICO, VIRGINIA</u>				
	370	Student Quarters, The Basic School (Ph 1)	22,311	22,311	Current	249
	519	SNCO Academic Facility	8,317	8,317	Current	253
		Subtotal	30,628	30,628		
		<b>Total - VIRGINIA</b>	<b>106,104</b>	<b>167,676</b>		

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<b><u>Inside the United States</u></b>						
<b>WASHINGTON</b>						
		NAVAL STATION EVERETT <u>EVERETT, WASHINGTON</u>				
	155A	BEQ Homeport Ashore Inc 2 of 2	0	20,917	Current	259
		Subtotal	0	20,917		
		NAVAL BASE KITSAP <u>SILVERDALE, WASHINGTON</u>				
	973B	Limited Area Prod & Strg Complex Inc 3 of 5	0	14,274	Current	265
	980	Reaction Force Fac Auxiliary Support Complex	13,507	13,507	Current	269
		Subtotal	13,507	27,781		
		NAVAL AIR STATION WHIDBEY ISLAND <u>WHIDBEY ISLAND NAS, WASHINGTON</u>				
	169	Hanger 5 Recapitalization	57,653	57,653	Current	277
		Subtotal	57,653	57,653		
		<b>Total - WASHINGTON</b>	<b>71,160</b>	<b>106,351</b>		
		<b>Total - Inside The United States</b>	<b>761,494</b>	<b>936,838</b>		
<b><u>Outside the United States</u></b>						
<b>GUAM</b>						
		NAVBASE GUAM <u>AGANA, GUAM</u>				
	431A	Alpha & Bravo Wharf Improvements Inc 2 of 2	0	29,772	New	293
		Subtotal	0	29,772		
		<b>Total - GUAM</b>	<b>0</b>	<b>29,772</b>		
<b>ITALY</b>						
		NAVAL AIR STATION <u>SIGONELLA SICILY, ITALY</u>				
	138	Mobile User Objective System Installation	13,051	13,051	New	299
		Subtotal	13,051	13,051		
		<b>Total - ITALY</b>	<b>13,051</b>	<b>13,051</b>		
<b>JAPAN</b>						
		COMFLEACT YOKOSUKA JA <u>YOKOSUKA, JAPAN</u>				
	998A	Wharf Upgrades Inc 2 of 3	0	44,360	Current	305
		Subtotal	0	44,360		
		<b>Total - JAPAN</b>	<b>0</b>	<b>44,360</b>		
<b>DIEGO GARCIA</b>						
		NSF DIEGO GARCIA <u>DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN TERR</u>				
	160	Wharf Improvement & SSGN Shore Sup Facilities	37,473	37,473	New	285
		Subtotal	37,473	37,473		
		<b>Total - NAVAL FAC, BR INDIAN OCEAN TERR</b>	<b>37,473</b>	<b>37,473</b>		

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		<u>Outside the United States</u>				
		<b>Total - Outside The United States</b>	<b>50,524</b>	<b>124,656</b>		
		<u>Various Locations</u>				
	207	Unspecified Minor Construction	0	8,939	Current	311
	217	Planning and Design	0	67,861	Current	313
	340A	Hockmuth Hall Addition, Quantico, VA	1,400	11,559	Current	315
	612	Helicopter Support Facility	12,185	12,185	New	319
		<b>Total - Various Locations</b>	<b>13,585</b>	<b>100,544</b>		
		<b>Grand Total</b>	<b>825,603</b>	<b>1,162,038</b>		

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	739	Waterfront Amphibious Operations Facility	21,535	21,535	New	59
		Subtotal	21,535	21,535		
		<b>Total - CALIFORNIA</b>	<b>21,535</b>	<b>21,535</b>		
<b>FLORIDA</b>						
		NAVAL AIR STATION PENSACOLA <u>EGLIN A.F.B., FLORIDA</u>				
	904	BEQ EOD SCHOOL	13,486	13,486	New	81
		Subtotal	13,486	13,486		
		NAVAL AIR STATION JACKSONVILLE <u>JACKSONVILLE, FLORIDA</u>				
	312A	Helicopter Hanger Replacement Inc 2 of 2	0	43,250	New	89
		Subtotal	0	43,250		
		<b>Total - FLORIDA</b>	<b>13,486</b>	<b>56,736</b>		
<b>GEORGIA</b>						
		NAVAL SUBMARINE BASE KINGS BAY <u>KINGS BAY, GEORGIA</u>				
	596	Reaction Force Fac Auxiliary Support Complex	13,648	13,648	Current	101
	598	Waterfront Security Force Facility	6,634	6,634	Current	105
		Subtotal	20,282	20,282		
		<b>Total - GEORGIA</b>	<b>20,282</b>	<b>20,282</b>		
<b>HAWAII</b>						
		NAVAL STATION PEARL HARBOR <u>EWA BEACH, HAWAII</u>				
	181	Dredge West Loch Channel for T-AKE	30,994	30,994	New	111
		Subtotal	30,994	30,994		
		NAVAL STATION PEARL HARBOR <u>PEARL HARBOR, HAWAII</u>				
	007	Helicopter Flight Training Facility	4,324	4,324	Current	117
		Subtotal	4,324	4,324		
		NAVAL STATION PEARL HARBOR <u>WAHIAWA, HAWAII</u>				
	200	Mobile User Objective System Installation	13,020	13,020	New	123
		Subtotal	13,020	13,020		
		<b>Total - HAWAII</b>	<b>48,338</b>	<b>48,338</b>		

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<b>ILLINOIS</b>						
		NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS				
	748A	RTC Infrastructure Upgrades Inc 2 of 3	0	23,589	Current	129
		Subtotal	0	23,589		
		<b>Total - ILLINOIS</b>	<b>0</b>	<b>23,589</b>		
<b>MARYLAND</b>						
		NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND				
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		Subtotal	67,939	11,780		
		<b>Total - MARYLAND</b>	<b>84,255</b>	<b>54,781</b>		
<b>NORTH CAROLINA</b>						
		NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA				
	689C	Outlying Landing Field (OLF) Facs Inc 4 of 5	0	7,926	New	197
		Subtotal	0	7,926		
		<b>Total - NORTH CAROLINA</b>	<b>0</b>	<b>7,926</b>		

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<u>NAVAL STATION NORFOLK NORFOLK, VIRGINIA</u>						
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	859	Joint Deployment Cntr/Fleet Forces Cmnd Cntr	14,960	14,960	New	231
		Subtotal	28,462	28,462		
<u>NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA</u>						
	382	Dry Dock #8 Modernization	34,952	34,952	New	239
	391A	Ship Repair Pier 3 Replacement Inc 2 of 2	0	30,939	Current	243
		Subtotal	34,952	65,891		
		<b>Total - VIRGINIA</b>	<b>75,476</b>	<b>137,048</b>		
<b>WASHINGTON</b>						
<u>NAVAL STATION EVERETT EVERETT, WASHINGTON</u>						
	155A	BEQ Homeport Ashore Inc 2 of 2	0	20,917	Current	259
		Subtotal	0	20,917		
<u>NAVAL BASE KITSAP SILVERDALE, WASHINGTON</u>						
	973B	Limited Area Prod & Strg Complex Inc 3 of 5	0	14,274	Current	265
	980	Reaction Force Fac Auxiliary Support Complex	13,507	13,507	Current	269
		Subtotal	13,507	27,781		
<u>NAVAL AIR STATION WHIDBEY ISLAND WHIDBEY ISLAND NAS, WASHINGTON</u>						
	169	Hanger 5 Recapitalization	57,653	57,653	Current	277
		Subtotal	57,653	57,653		
		<b>Total - WASHINGTON</b>	<b>71,160</b>	<b>106,351</b>		
		<b>Total - Inside The United States</b>	<b>334,532</b>	<b>476,586</b>		

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State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
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<b>GUAM</b>						
		NAVBASE GUAM <u>AGANA, GUAM</u>				
	431A	Alpha & Bravo Wharf Improvements Inc 2 of 2	0	29,772	New	293
		Subtotal	0	29,772		
		<b>Total - GUAM</b>	<b>0</b>	<b>29,772</b>		
<b>ITALY</b>						
		NAVAL AIR STATION <u>SIGONELLA SICILY, ITALY</u>				
	138	Mobile User Objective System Installation	13,051	13,051	New	299
		Subtotal	13,051	13,051		
		<b>Total - ITALY</b>	<b>13,051</b>	<b>13,051</b>		
<b>JAPAN</b>						
		COMFLEACT YOKOSUKA JA <u>YOKOSUKA, JAPAN</u>				
	998A	Wharf Upgrades Inc 2 of 3	0	44,360	Current	305
		Subtotal	0	44,360		
		<b>Total - JAPAN</b>	<b>0</b>	<b>44,360</b>		
<b>DIEGO GARCIA</b>						
		NSF DIEGO GARCIA <u>DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN TERR</u>				
	160	Wharf Improvement & SSGN Shore Sup Facilities	37,473	37,473	New	285
		Subtotal	37,473	37,473		
		<b>Total - NAVAL FAC, BR INDIAN OCEAN TERR</b>	<b>37,473</b>	<b>37,473</b>		
		<b>Total - Outside The United States</b>	<b>50,524</b>	<b>124,656</b>		
<b><u>Various Locations</u></b>						
	207	Unspecified Minor Construction	0	8,939	Current	311
	217	Planning and Design	0	67,861	Current	313
	340A	Hockmuth Hall Addition, Quantico, VA	1,400	11,559	Current	315
	612	Helicopter Support Facility	12,185	12,185	New	319
		<b>Total - Various Locations</b>	<b>13,585</b>	<b>100,544</b>		



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State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>ARIZONA</b>						
		<u>MARINE CORPS AIR STATION YUMA</u> <u>YUMA, ARIZONA</u>				
	520	Fixed Wing Fueling Apron	5,966	5,966	Current	3
		Subtotal	5,966	5,966		
		<b>Total - ARIZONA</b>	<b>5,966</b>	<b>5,966</b>		
<b>CALIFORNIA</b>						
		<u>MARINE CORPS AIR STATION CAMP PENDLETON</u> <u>CAMP PENDLETON, CALIFORNIA</u>				
	036	Taxiway Improvements	1,355	1,355	Current	9
	078	Tactical Support Van Pads Expansion	5,057	5,057	Current	13
		Subtotal	6,412	6,412		
		<u>MARINE CORPS BASE CAMP PENDLETON</u> <u>CAMP PENDLETON, CALIFORNIA</u>				
	028	Bachelor Enlisted Quarters	18,068	18,068	Current	19
	035	Light Armored Reconnaissance Battalion Fac	7,969	7,969	Current	23
	041	Amphibious Vehicle Test Branch (AVTB) Annex	2,320	2,320	Current	27
	064	Armory and Communications Complex	12,160	12,160	Current	31
	110A	Conveyance/Reclamation Inc 2 of 2	0	33,290	Current	35
	206	BEQ & Mess Hall 41 Area MARSOC	31,115	31,115	Current	39
	563	Fire Emergency Response Station, 20 Area	4,710	4,710	Current	45
	725	Regimental Maint Complex (Ph2)	14,860	14,860	Current	49
	991	Bachelor Enlisted Quarters, Chappo (22) Area	14,940	14,940	Current	53
		Subtotal	106,142	139,432		
		<u>MARINE CORPS AIR STATION MIRAMAR</u> <u>SAN DIEGO, CALIFORNIA</u>				
	027	Missile Magazine	2,968	2,968	Current	69
		Subtotal	2,968	2,968		
		<u>MARINE CORPS BASE TWENTYNINE PALMS</u> <u>TWENTYNINE PALMS, CALIFORNIA</u>				
	910	Comm/Elec Maintenance & Storage Fac	8,217	8,217	Current	75
		Subtotal	8,217	8,217		
		<b>Total - CALIFORNIA</b>	<b>123,739</b>	<b>157,029</b>		
<b>GEORGIA</b>						
		<u>MARINE CORPS LOGISTICS BASE</u> <u>ALBANY, GEORGIA</u>				
	001A	Land Acq Blount Is Jacksonville FL-Settlement	62,000	62,000	Current	95
		Subtotal	62,000	62,000		
		<b>Total - GEORGIA</b>	<b>62,000</b>	<b>62,000</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**  
**Index of Locations for Marines**

State/ Cntry	Proj No.	Location	Auth Request	Approp Request	Mission	Page No.
<u>Inside the United States</u>						
<b>NORTH CAROLINA</b>						
		MARINE CORPS BASE CAMP LEJEUNE <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	1033	Consolidated Academic Instr Facility (Ph 2)	15,140	15,140	Current	153
	1042	Armories II MEF	4,702	4,702	Current	157
	1135	Mod K-Ranges (Ph 1)	12,102	12,102	Current	161
	1177	MARSOC Intelligence Operations Fac	20,430	20,430	New	165
	1178	MARSOC Maintenance Complex	22,117	22,117	New	169
	1182	MARSOC BEQ	61,905	61,905	New	173
	1184	MARSOC Enlisted Dining Facility	13,420	13,420	New	177
	1189	MARSOC BATTALION AID STATION	3,478	3,478	New	181
	126	Ammunition Supply Point Upgrade (Ph 2)	7,610	7,610	Current	185
		Subtotal	160,904	160,904		
		MARINE CORPS AIR STATION NEW RIVER <u>JACKSONVILLE, NORTH CAROLINA</u>				
	526	Aircraft Maintenance Hangar	21,500	21,500	Current	191
		Subtotal	21,500	21,500		
		<b>Total - NORTH CAROLINA</b>	<b>182,404</b>	<b>182,404</b>		
<b>SOUTH CAROLINA</b>						
		MARINE CORPS AIR STATION BEAUFORT <u>BEAUFORT, SOUTH CAROLINA</u>				
	419	Enlisted Dining Facility	14,970	14,970	Current	203
	424	ACUIZ Land Acquisition (Ph 1)	7,255	7,255	Current	207
		Subtotal	22,225	22,225		
		<b>Total - SOUTH CAROLINA</b>	<b>22,225</b>	<b>22,225</b>		
<b>VIRGINIA</b>						
		MARINE CORPS BASE QUANTICO <u>QUANTICO, VIRGINIA</u>				
	370	Student Quarters, The Basic School (Ph 1)	22,311	22,311	Current	249
	519	SNCO Academic Facility	8,317	8,317	Current	253
		Subtotal	30,628	30,628		
		<b>Total - VIRGINIA</b>	<b>30,628</b>	<b>30,628</b>		
		<b>Total - Inside The United States</b>	<b>426,962</b>	<b>460,252</b>		

**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<b><u>Inside the United States</u></b>				
<b><u>ARIZONA</u></b>				
MARINE CORPS AIR STATION YUMA YUMA, ARIZONA	520	Fixed Wing Fueling Apron	5,966	Current
<b><u>CALIFORNIA</u></b>				
MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	036	Taxiway Improvements	1,355	Current
	078	Tactical Support Van Pads Expansion	5,057	Current
MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	028	Bachelor Enlisted Quarters	18,068	Current
	035	Light Armored Reconnaissance Battalion Fac	7,969	Current
	041	Amphibious Vehicle Test Branch (AVTB) Annex	2,320	Current
	064	Armory and Communications Complex	12,160	Current
	110A	Conveyance/Reclamation Inc 2 of 2	33,290	Current
	206	BEQ & Mess Hall 41 Area MARSOC	31,115	Current
	563	Fire Emergency Response Station, 20 Area	4,710	Current
	725	Regimental Maint Complex (Ph2)	14,860	Current
	991	Bachelor Enlisted Quarters, Chappo (22) Area	14,940	Current
NAS NORTH ISLAND CORONADO, CALIFORNIA	739	Waterfront Amphibious Operations Facility	21,535	New
MARINE CORPS AIR STATION MIRAMAR SAN DIEGO, CALIFORNIA	027	Missile Magazine	2,968	Current
MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA	910	Comm/Elec Maintenance & Storage Fac	8,217	Current
<b><u>FLORIDA</u></b>				
NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA	904	BEQ EOD SCHOOL	13,486	New
NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA	312A	Helicopter Hanger Replacement Inc 2 of 2	43,250	New
<b><u>GEORGIA</u></b>				
MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA	001A	Land Acq Blount Is Jacksonville FL- Settlement	62,000	Current
NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA	596	Reaction Force Fac Auxiliary Support Complex	13,648	Current
	598	Waterfront Security Force Facility	6,634	Current

**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<b><u>Inside the United States</u></b>				
<b><u>HAWAII</u></b>				
NAVAL STATION PEARL HARBOR EWA BEACH, HAWAII	181	Dredge West Loch Channel for T-AKE	30,994	New
NAVAL STATION PEARL HARBOR PEARL HARBOR, HAWAII	007	Helicopter Flight Training Facility	4,324	Current
NAVAL STATION PEARL HARBOR WAHIAWA, HAWAII	200	Mobile User Objective System Installation	13,020	New
<b><u>ILLINOIS</u></b>				
NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS	748A	RTC Infrastructure Upgrades Inc 2 of 3	23,589	Current
<b><u>MARYLAND</u></b>				
NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND	334A	Wesley Brown Field House Inc 2 of 2	26,685	Current
NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND	146	MMA Test Facilities, Renovation & Modn	16,316	New
NAVAL SUPPORT ACTIVITY WASHINGTON SUITLAND, MARYLAND	339	National Maritime Intel Center Inc 1 of 3	11,780	Current
<b><u>NORTH CAROLINA</u></b>				
MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA	1033	Consolidated Academic Instr Facility (Ph 2)	15,140	Current
	1042	Armories II MEF	4,702	Current
	1135	Mod K-Ranges (Ph 1)	12,102	Current
	1177	MARSOC Intelligence Operations Fac	20,430	New
	1178	MARSOC Maintenance Complex	22,117	New
	1182	MARSOC BEQ	61,905	New
	1184	MARSOC Enlisted Dining Facility	13,420	New
	1189	MARSOC BATTALION AID STATION	3,478	New
	126	Ammunition Supply Point Upgrade (Ph 2)	7,610	Current
MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA	526	Aircraft Maintenance Hangar	21,500	Current
NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA	689C	Outlying Landing Field (OLF) Facs Inc 4 of 5	7,926	New
<b><u>SOUTH CAROLINA</u></b>				
MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA	419	Enlisted Dining Facility	14,970	Current
	424	ACUIZ Land Acquisition (Ph 1)	7,255	Current

**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<b><u>Inside the United States</u></b>				
<b><u>VIRGINIA</u></b>				
NAVAL STATION NORFOLK NORFOLK, VIRGINIA	094C	Pier 11 Replacement Inc 4 of 4	30,633	Current
	707	Helicopter Training Facility Addition	12,062	New
NAVAL SUPPORT ACTIVITY NORFOLK NORFOLK, VIRGINIA	285	Damage Control School Trainer	13,502	Current
	859	Joint Deployment Cntr/Fleet Forces Cmnd Cntr	14,960	New
NAVSUPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	382	Dry Dock #8 Modernization	34,952	New
	391A	Ship Repair Pier 3 Replacement Inc 2 of 2	30,939	Current
MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA	370	Student Quarters, The Basic School (Ph 1)	22,311	Current
	519	SNCO Academic Facility	8,317	Current
<b><u>WASHINGTON</u></b>				
NAVAL STATION EVERETT EVERETT, WASHINGTON	155A	BEQ Homeport Ashore Inc 2 of 2	20,917	Current
NAVAL BASE KITSAP SILVERDALE, WASHINGTON	973B	Limited Area Prod & Strg Complex Inc 3 of 5	14,274	Current
	980	Reaction Force Fac Auxiliary Support Complex	13,507	Current
NAVAL AIR STATION WHIDBEY ISLAND WHIDBEY ISLAND NAS, WASHINGTON	169	Hanger 5 Recapitalization	57,653	Current
<b><u>Outside the United States</u></b>				
<b><u>GUAM</u></b>				
NAVBASE GUAM AGANA, GUAM	431A	Alpha & Bravo Wharf Improvements Inc 2 of 2	29,772	New
<b><u>ITALY</u></b>				
NAVAL AIR STATION SIGONELLA SICILY, ITALY	138	Mobile User Objective System Installation	13,051	New
<b><u>JAPAN</u></b>				
COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN	998A	Wharf Upgrades Inc 2 of 3	44,360	Current
<b><u>DIEGO GARCIA</u></b>				
NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN TERR	160	Wharf Improvement & SSGN Shore Sup Facilities	37,473	New

**Various Locations**

**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**

**Mission Status Index**

Installation/Location	Proj No.	Project Title	Cost (\$000)	Mission Status
<u>Various Locations</u>				
<b><u>VARIOUS LOCATIONS</u></b>				
Various Location	207	Unspecified Minor Construction	8,939	Current
Various Location	217	Planning and Design	67,861	Current
Various Location	340A	Hockmuth Hall Addition, Quantico, VA	11,559	Current
Various Location	612	Helicopter Support Facility	12,185	New

**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**

**Installation Index**

<b>Installation</b>	<b>Location</b>	<b>DD1390 PageNo.</b>
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MARINE CORPS AIR STATION BEAUFORT	BEAUFORT, SOUTH CAROLINA	201
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MARINE CORPS BASE CAMP PENDLETON	CAMP PENDLETON, CALIFORNIA	17
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NAVAL AIR STATION PENSACOLA	EGLIN A.F.B., FLORIDA	79
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NAVAL AIR STATION JACKSONVILLE	JACKSONVILLE, FLORIDA	87
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NAVAL SUPPORT ACTIVITY NORFOLK	NORFOLK, VIRGINIA	223
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NAVAL AIR STATION PATUXENT RIVER	PATUXENT RIVER, MARYLAND	139
NAVAL STATION PEARL HARBOR	PEARL HARBOR, HAWAII	115
NAVAL AIR STATION OCEANA	PLYMOUTH, NORTH CAROLINA	195
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MARINE CORPS BASE QUANTICO	QUANTICO, VIRGINIA	247
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MARINE CORPS AIR STATION MIRAMAR	SAN DIEGO, CALIFORNIA	67
NAVAL BASE KITSAP	SILVERDALE, WASHINGTON	263
NAVAL SUPPORT ACTIVITY WASHINGTON	SUITLAND, MARYLAND	145
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MARINE CORPS BASE TWENTYNINE PALMS	TWENTYNINE PALMS, CALIFORNIA	73
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NAVAL STATION PEARL HARBOR	WAHIAWA, HAWAII	121
NAVAL AIR STATION WHIDBEY ISLAND	WHIDBEY ISLAND NAS, WASHINGTON	275
	<u><b>Y</b></u>	
MARINE CORPS AIR STATION YUMA	YUMA, ARIZONA	1

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**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**  
**Appropriation Language**

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SECTION 1 - APPROPRIATION LANGUAGE

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For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [\$1,157,141,000] \$1,162,038,000 to remain available until September 30, [2010] 2011. Provided, that of this amount, not to exceed [\$xx,xxx,xxx] \$xx,xxx,xxx shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

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SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

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1. Deletion of FY 2006 appropriations shown in brackets.

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**DEPARTMENT OF THE NAVY**  
**FY 2007 Military Construction and Family Housing Program**  
**Special Program Considerations**

POLLUTION ABATEMENT:

The military construction projects in this program will be designed to meet environmental standards. The Military construction projects proposed are primarily for the abatement of existing pollution problems at Naval and Marine Corps installations and have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION:

The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives could be evaluated, a primary economic analysis was prepared.

CONSTRUCTION CRITERIA MANUAL:

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

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 06 FEB 2006				
3. Installation and Location: M62974 MARINE CORPS AIR STATION YUMA YUMA, ARIZONA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.25					
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	A. As Of 09/30/05	51	720	355	146	65	0	675	3809	886	6707
B. End FY 2012	41	390	384	146	65	0	428	3237	866	5557	
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(8660 Acres)											
B. INVENTORY AS OF 30 Sep 2005 ..... 2,794,840											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 52,537											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 5,966											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 0											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 24,604											
G. REMAINING DEFICIENCY ..... 135,209											
H. <b>GRAND TOTAL</b> ..... <b>3,013,156</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
11210	Fixed Wing Fueling Apron	06/2005	09/2006		40220	m2	5,966				
<b>TOTAL</b>							<b>5,966</b>				
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
74043	Physical Fitness Center Addition					0	LS	5,231			
14320	EOD Facility - Consolidation					10516	SF	2,756			
73020	Security Operations Facility					6340	SF	8,037			
73010	Fire Station					22540	SF	6,233			
21154	AASE Warehouse					14348	SF	2,347			
<b>TOTAL</b>							<b>24,604</b>				
C. R&M Unfunded Requirement (\$000): 23,820											
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 Chief of Naval Operations.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*): 0											
B. Occupational Safety and Health(OSH)(#): 0											

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M62974 MARINE CORPS AIR STATION YUMA YUMA, ARIZONA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.25

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA YUMA, ARIZONA			4. Project Title Fixed Wing Fueling Apron		
5. Program Element 0216496M	6. Category Code 11210	7. Project Number P520	8. Project Cost (\$000) 5,966		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
FIXED WING FUELING APRON (432,924 SF)		m2	40,220		3,520
TAXIWAY (432,924 SF)		m2	40,220	87.47	(3,520)
SUPPORTING FACILITIES					1,690
ELECTRICAL UTILITIES		LS			(150)
MECHANICAL UTILITIES		LS			(690)
PAVING AND SITE IMPROVEMENTS		LS			(70)
SITE PREPARATIONS		LS			(780)
SUBTOTAL					5,210
CONTINGENCY (5%)					260
TOTAL CONTRACT COST					5,470
SIOH (5.7%)					310
SUBTOTAL					5,780
DESIGN/BUILD - DESIGN COST					210
TOTAL REQUEST ROUNDED					5,990
TOTAL REQUEST					5,966
<b>10. Description of Proposed Construction</b>					
<p>Construct a new concrete fixed wing aircraft refueling apron. This construction will provide the required apron space to refuel four fixed wing aircraft simultaneously. Electrical utilities include exterior lighting fixtures, grounding system, and airfield lighting. Mechanical utilities include storm sewer piping and fire protection system. Paving and site improvements include paved surfaces, marking and signage, and temporary foreign object damage (FOD) fencing. Site preparations include clearing, grading, excavation and disposal, and compaction. Sustainable features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders.</p>					
<b>11. Requirement:</b> <u>40,220 m2</u> <b>Adequate:</b> <b>Substandard:</b>					
<b>PROJECT:</b>					
<p>Construct a hot pit refueling apron for fixed wing fighter aircraft. This construction will provide the required apron space to hot pit refuel four fixed wing aircraft simultaneously. DLA MILCON P-522, Fixed Wing Hydrant System, will provide all fueling equipment and is scheduled for funding in FY06. The proposed construction will significantly enhance tenant and deployed</p>					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA YUMA, ARIZONA		4. Project Title Fixed Wing Fueling Apron		
5. Program Element 0216496M	6. Category Code 11210	7. Project Number P520	8. Project Cost (\$000) 5,966	
<p>squadron operational capabilities by increasing flight operations and reducing aircraft maintenance costs related to cold along-side aircraft refueling and associated aircraft turn-around maintenance. This project will provide MCAS Yuma with an organic hot pit capability to meet its assigned fueling mission without relying solely on tactical assets and military personnel.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Facilities are required to provide the capability to simultaneously and rapidly refuel (hot pit) four fixed wing fighter aircraft. The fixed wing fueling apron is designed to provide an environmentally safe location to hot refuel fixed wing aircraft. The site location minimized the operational risks associated with mixing rotary wing and fixed wing refueling in the same area, thereby reducing FOD hazards and the need for continuous FOD sweeps currently required during mixed aircraft operations on the north apron.</p> <p><b>CURRENT SITUATION:</b></p> <p>Marine Corps Air Station Yuma does not have organic hot pit refueling capability.</p> <p>Current hot pit refueling operations, provided by Marine Wing Support Squadron-371 tactical assets and military personnel, are performed on Taxiway C and the helicopter parking apron. The location of this operation creates problems in the free movement of aircraft aboard the Air Station by restricting aircraft access along the taxiway. MWSS-371 provides hot refueling capability at MCAS Yuma via a Tactical Airfield Fuel Dispensing System (TAFDS) consisting of two 20,000 gallon capacity collapsible fabric fuel tanks, rubber hoses, and trailer mounted 350 GPM fuel pumps. There are inherent environmental risks involved with the TAFDS, in which fuel leaks and spills are not uncommon.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Without the required apron space to perform hot pit refueling, MCAS Yuma will not have an organic hot pit capability. MCAS Yuma will continue to have an inadequate aviation fuel service to meet its fuel mission requirements for tenant and transient hot pit refueling of fixed wing aircraft. MWSS-371 tactical fuel assets and personnel will continue to be used for the Air Station's hot refueling requirements, which has produced a strain on the finite tactical aviation fueling resources and personnel of MWSS-371. Aircraft access along the taxiway will be restricted and environmental risks will continue.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p>				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA YUMA, ARIZONA			4. Project Title Fixed Wing Fueling Apron	
5. Program Element 0216496M	6. Category Code 11210	7. Project Number P520	8. Project Cost (\$000) 5,966	
<p>1. Status:</p> <p>(A) Date Design or Parametric Cost Estimate Started 062005</p> <p>(B) Date 35% Design or Parametric Cost Estimate Complete 092005</p> <p>(C) Date Design Completed 092006</p> <p>(D) Percent Completed as of SEPTEMBER 2005 10%</p> <p>(E) Percent Completed as of JANUARY 2006 15%</p> <p>(F) Type of Design Contract Design Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy study/Life cycle analysis performed Yes</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Previously Used: N/A</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$174</p> <p>(A) Production of Plans and Specifications \$131</p> <p>(B) All other Design Costs \$43</p> <p>(C) Total \$174</p> <p>(D) Contract \$43</p> <p>(E) In-House \$131</p> <p>4. Contract Award 112006</p> <p>5. Construction Start 032007</p> <p>6. Construction Complete 032008</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p> <p>Activity POC: RON KRUSE /Civil Engineer Phone No: 928-269-3523</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION YUMA YUMA, ARIZONA			4. Project Title Fixed Wing Fueling Apron	
5. Program Element 0216496M	6. Category Code 11210	7. Project Number P520	8. Project Cost (\$000) 5,966	
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 06 FEB 2006			
3. Installation and Location: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA						4. Command Commandant of the Marine Corps			5. Area Const Cost Index 1.12		
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/04		2	95	0	0	0	0	0	0	0	97
B. End FY 2012		3	66	0	0	0	0	0	0	0	69
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(411 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....											366,142
C. AUTHORIZATION NOT YET IN INVENTORY .....											24,677
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											6,412
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											3,070
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											9,851
G. REMAINING DEFICIENCY .....											93,500
<b>H. GRAND TOTAL .....</b>											<b>503,652</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Scope</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>		<u>(\$000)</u>			
11210	Taxiway Improvements	06/2005	09/2006	4436	m2			1,355			
11665	Tactical Support Van Pads Expansion	06/2005	09/2006	6035	m2			5,057			
<b>TOTAL</b>								<b>6,412</b>			
9. Future Projects:											
A. Included In The Following Program:											
11665 Tactical Spt Van Pads Exp Phase 2						11204 SY		3,070			
<b>TOTAL</b>								<b>3,070</b>			
B. Major Planned Next Three Years:											
21107 Hangar Additions						8654 SF		3,187			
85210 Security Stand Off Structure						LS		6,664			
<b>TOTAL</b>								<b>9,851</b>			
C. R&M Unfunded Requirement (\$000):											1,730
10. Mission or Major Functions:											
As a key component of the Commander, Marine Corps Air Bases, West, provides airfield facilities and material to support operations of the Third Marine Aircraft Wing Unit.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.12

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Taxiway Improvements		
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P036	8. Project Cost (\$000) 1,355	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
TAXIWAY IMPROVEMENTS (47,749 SF)	m2	4,436		420
CONSTRUCT TAXIWAY E1 (28,654 SF)	m2	2,662	103.67	(280)
CONSTRUCT SHOULDER (19,095 SF)	m2	1,774	36.76	(70)
SPECIAL COSTS	LS			(70)
SUPPORTING FACILITIES				760
ELECTRICAL UTILITIES	LS			(250)
PAVING AND SITE IMPROVEMENTS	LS			(330)
SITE PREPARATIONS	LS			(160)
DEMOLITION	LS			(20)
SUBTOTAL				1,180
CONTINGENCY (5%)				60
TOTAL CONTRACT COST				1,240
SIOH (5.7%)				70
SUBTOTAL				1,310
DESIGN/BUILD - DESIGN COST				50
TOTAL REQUEST ROUNDED				1,360
TOTAL REQUEST				1,355
<b>10. Description of Proposed Construction</b>				
<p>Construct a reinforced concrete taxiway with asphalt shoulders to provide egress from runway and hot refueling area. Special costs include permanent airfield markings, temporary airfield re-striping, temporary airfield perimeter lighting, and phased work at taxiway and runway intersection. Electrical utilities include taxiway edge lights, taxiway centerline lights, taxiway magnetic sensor cable, and transformer. Paving and site improvements include drainage, seeding and ground cover, and foreign object damage (FOD) cleanup. Site preparations include storm water pollution prevention plan (SWPPP), Best Management Practices (BMP), and site excavation. Demolition includes the existing concrete drainage channel and the asphalt concrete shoulders. Sustainable principles will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders.</p>				
<b>11. Requirement:</b> <u>4,436 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
Construct a reinforced concrete taxiway with asphalt shoulders and all required drainage and airfield lighting.				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Taxiway Improvements		
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P036	8. Project Cost (\$000) 1,355	
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Provide an intermediate taxiway for egress from the runway to the aircraft parking apron.				
<b>CURRENT SITUATION:</b> Marine Corps Air Station (MCAS) Camp Pendleton has one runway to conduct over 146,000 air operations annually. Currently, aircraft on the runway and aircraft exiting the hot refueling area must use the southern portion of the active runway in order to proceed to the parking apron. Using the active runway for taxiing causes a delay in accommodating arriving and departing aircraft. When the Operation Tempo (OPTEMPO) is high, aircraft must exit the runway as soon as possible to ensure the taxiway is available for operations. During these periods, some aircraft are directed to taxi across grass and a concrete drainage ditch to the parking apron. This is a major safety hazard, as the aircraft are at risk of foreign object damage (FOD) because of rocks and other loose debris in the grass and drainage areas.				
<b>IMPACT IF NOT PROVIDED:</b> If not provided, helicopters will continue to be at risk of foreign object damage (FOD) as they are forced to transit over unimproved runway and apron areas.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$52
(A) Production of Plans and Specifications				\$39
(B) All other Design Costs				\$13
(C) Total				\$52
(D) Contract				\$13
(E) In-House				\$39
4. Contract Award				112006

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Taxiway Improvements		
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P036	8. Project Cost (\$000) 1,355	
5. Construction Start		032007		
6. Construction Complete		032008		
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Patt Reed		Phone No: (760) 763-0020		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Taxiway Improvements	
5. Program Element 0206496M	6. Category Code 11210	7. Project Number P036	8. Project Cost (\$000) 1,355	
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Tactical Support Van Pads Expansion		
5. Program Element 0216496M	6. Category Code 11665	7. Project Number P078	8. Project Cost (\$000) 5,057	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
TACTICAL SUPPORT VAN PADS EXPANSION (64,960 SF)	m2	6,035		2,620
TACTICAL SUPPLY VAN PAD MAINTENANCE (34,692 SF)	m2	3,223	475.27	(1,530)
STORAGE SHED (398 SF)	m2	37	1,384.37	(50)
PUBLIC RESTROOM \ LOCKER ROOM (1,884 SF)	m2	175	1,975.71	(350)
152MM (6")LOW SLUMP 5000PSI REINF. CONC.OVERLAY	m2	2,600	119.97	(310)
BUILT-IN EQUIPMENT	LS			(90)
TECHNICAL OPERATING MANUALS	LS			(30)
SPECIAL COSTS	LS			(260)
SUPPORTING FACILITIES				1,800
ELECTRICAL UTILITIES	LS			(810)
MECHANICAL UTILITIES	LS			(390)
PAVING AND SITE IMPROVEMENTS	LS			(210)
SITE PREPARATIONS	LS			(140)
DEMOLITION	LS			(60)
ANTI-TERRORISM/FORCE PROTECTION	LS			(190)
SUBTOTAL				4,420
CONTINGENCY (5%)				220
TOTAL CONTRACT COST				4,640
SIOH (5.7%)				260
SUBTOTAL				4,900
DESIGN/BUILD - DESIGN COST				180
TOTAL REQUEST ROUNDED				5,080
TOTAL REQUEST				5,057
<b>10. Description of Proposed Construction</b>				
<p>Expand concrete van pads for a total of 160 vans(in double stacks configuration on existing van pad East and its new adjacent van pads), with utilities connections, storage shed, chain link fencing and area lighting. Built in equipment includes EMCS and central compressed air system. Technical Operating Manuals will be required for this project. Special costs include relocation of vans, turnstile gates with card readers for pedestrian access, new utilities mounds, airfield dust control, ADA</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Tactical Support Van Pads Expansion		
5. Program Element 0216496M	6. Category Code 11665	7. Project Number P078	8. Project Cost (\$000) 5,057	
<p>compliance head and shower. Electrical utilities include concrete encased electrical ducts, provide a new 5000 KVA substation, 350KVA 400Hz frequency converter, service panels, lighting, grounding, telephone, fiber optic, and fire alarm cabling. Mechanical utilities include water lines, air couplers, sewage lines, manholes, fire hydrants, and gas lines. Paving and site improvements include trenching of existing pads to relocate and increase utilities, restriping of pavement, curbs and gutters, and sidewalks. Environmental mitigation includes removal of contaminated material, soil and water, and dust control. Anti-Terrorism/Force Protection measures include concrete block walls at locations accessible to vehicles and upgrade of existing fencing, per UFC-4-010-01 DOD Minimum Anti-Terrorism Standards for building dated 8 OCT 2003. Sustainable features are included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders.</p>				
<p><b>11. Requirement:</b> <u>9,368 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Project constructs expansion of supply van pads (concrete pads on which the vans sit), relocates utilities connections in existing van pads to support additional vans, and provide maneuver space for the Rugged All Terrain Cargo Handler (RATCH) equipment.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate, safe and secure van pad space to house and support 160 mobile facilities vans used for the avionics, calibration, and other repairs to and operation of tactical equipment supporting aircraft maintenance.</p> <p><b>CURRENT SITUATION:</b></p> <p>Due to insufficient van pad space, vans are being stored outside the safety perimeter of the Marine Aviation Logistic Squadron (MALS) compound, leaving them vulnerable to damage. Vans are stored on asphalt surfaces not capable of adequately supporting the weight of the vans, resulting in structural damage to the vans and destruction of the asphalt paving that they sit on as the vans sink into it. Consolidation of the existing vans into one operational area cannot be accomplished in the existing space, forcing the stacking of vans in hangars and on the flightline. Lack of sufficient aisle space between the vans limits the use of Rugged All Terrain Cargo Handler (RATCH) equipment that safely moves the vans for operational or deployment purposes.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Consolidation of the activity into one operational area will not be possible and vans will continue to be exposed to possible damage. Vans arriving as part of the normal procurement cycle will not have adequate</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Tactical Support Van Pads Expansion		
5. Program Element 0216496M	6. Category Code 11665	7. Project Number P078	8. Project Cost (\$000) 5,057	
facilities and space to support them.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				5%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$280
(A) Production of Plans and Specifications				\$210
(B) All other Design Costs				\$70
(C) Total				\$280
(D) Contract				\$210
(E) In-House				\$70
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Patt Reed		Phone No: (760) 763-0020		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67604 MARINE CORPS AIR STATION CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Tactical Support Van Pads Expansion	
5. Program Element 0216496M	6. Category Code 11665	7. Project Number P078	8. Project Cost (\$000) 5,057
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.12					
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		148	1148	1527	41	3333	0	2435	28874	4866	42372
B. End FY 2012		159	1016	1593	60	6299	1	2493	28914	4877	45412
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(126749 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....											5,704,483
C. AUTHORIZATION NOT YET IN INVENTORY .....											244,699
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											139,432
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											97,716
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											286,322
G. REMAINING DEFICIENCY .....											616,453
<b>H. GRAND TOTAL .....</b>											<b>7,089,105</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
72124	Bachelor Enlisted Quarters	02/2005	06/2006	6375	m2	18,068					
21410	Light Armored Reconnaissance Battalion Fac	07/2005	07/2006	2568	m2	7,969					
31310	Amphibious Vehicle Test Branch (AVTB) Annex	06/2005	09/2006	840	m2	2,320					
14345	Armory and Communications Complex	06/2005	09/2006	4763	m2	12,160					
* 83210	Conveyance/Reclamation Inc 2 of 2	09/2003	11/2005	0	LS	33,290					
72124	MARSOC Bachelor Enlisted Quarters/Dining Fac	01/2006	09/2006	8875	m2	31,115					
73010	Fire Emergency Response Station	06/2005	09/2006	900	m2	4,710					
21451	Regimental Maintenance Complex (Phase 2)	03/2005	09/2006	3510	m2	14,860					
72124	Bachelor Enlisted Quarters- Area 22	06/2005	09/2006	4678	m2	14,940					
						<b>TOTAL</b>	<b>139,432</b>				
9. Future Projects:											
A. Included In The Following Program:											
21710	9th Communication Battalion - HQ Area	62883	SF	10,742							
21375	Expeditionary Fighting Vehicle Maint Fac	17900	SF	22,737							
* 83110	Water/WW TDS Red Fac(WW Ph3)	LS	32,707								
17145	Force Reconnaissance Training Tower	LS	3,678								
44111	MARSOC Supply Warehouse	LS	3,200								
14341	MARSOC Vehicle Maintenance Facility	LS	2,500								
14341	MARSOC Training Facilities	LS	11,800								
74074	Child Development Center	19870	SF	8,157							

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.12
21451 Equipment Maintenance Facility-Del Mar	3003 SF	2,195
	<b>TOTAL</b>	<b>97,716</b>
B. Major Planned Next Three Years:		
* 83110 Demo STP South System (WW Ph 4)	0 LS	5,862
* 83110 Add STP 9 to South System (WW Ph 5)	LS	10,091
61072 ISR Camp - Intel Battalion	62990 SF	13,528
* 84151 4 Million Gallon Reservoir (BW Ph 4)	0 LS	8,147
14820 EOD Ops Complex Inc 1 of 2	LS	5,020
61010 Infantry Training Center	18626 SF	4,239
17110 Division Schools-Margarita	25120 SF	15,993
72111 Bachelor Enlisted Quarters-Las Pulgas	0 LS	15,031
72124 Bachelor Enlisted Quarters - Chappo	0 LS	20,041
72124 Bachelor Enlisted Quarters - Del Mar 2	9343 SF	20,041
14820 EOD Ops Complex Inc 2 of 2	LS	7,237
72124 Bachelor Enlisted Quarters - Chappo 2	0 LS	20,041
73010 Fire Station - HQ Area	26337 SF	5,551
85110 Operations Access Points	0 LS	2,535
44113 Division Logistics Mobilization Facility	LS	8,157
73010 Fire Station - pulgas	LS	2,796
74044 Physical Fitness Center	25726 SF	9,710
72111 Bachelor Enlisted Quarters - HQ Area	91493 SF	23,742
73085 Mail Inspection & Processing Center	LS	7,894
72210 Enlisted Dining Facility - Las Flores	13509 SF	4,484
72111 Bachelor Enlisted Quarters-Margarita	75024 SF	25,227
72111 Bachelor Enlisted Quarters-San Onofre	123602 SF	24,264
17955 Emergency Egress Training Tank	50 ME	11,084
17940 Infantry Squad Defense Range	LS	15,607
	<b>TOTAL</b>	<b>286,322</b>
C. R&M Unfunded Requirement (\$000):		108,980
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(*):		90,097
B. Occupational Safety and Health(OSH)(#):		0

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters		
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P028	8. Project Cost (\$000) 18,068		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS (68,620 SF)		m2	6,375		14,350
BEQ (68,620 SF)		m2	6,375	2,008.97	(12,810)
BUILT-IN EQUIPMENT		LS			(140)
TECHNICAL OPERATING MANUALS		LS			(90)
INFORMATION SYSTEMS		LS			(200)
ANTI-TERRORISM/FORCE PROTECTION		LS			(450)
SPECIAL COSTS		LS			(660)
SUPPORTING FACILITIES					1,440
SPECIAL CONSTRUCTION FEATURES		LS			(140)
ELECTRICAL UTILITIES		LS			(210)
MECHANICAL UTILITIES		LS			(140)
PAVING AND SITE IMPROVEMENTS		LS			(630)
DEMOLITION		LS			(190)
ENVIRONMENTAL MITIGATION		LS			(130)
SUBTOTAL					15,790
CONTINGENCY (5%)					790
TOTAL CONTRACT COST					16,580
SIOH (5.7%)					950
SUBTOTAL					17,530
DESIGN/BUILD - DESIGN COST					630
TOTAL REQUEST ROUNDED					18,160
TOTAL REQUEST					18,068
<b>10. Description of Proposed Construction</b>					
<p>Construct a multi-story reinforced concrete masonry unit (CMU) building with concrete foundation, CMU interior walls, concrete floors and standing seam metal roof over structural steel framing. Building provides 150 rooms (300 manspaces) in the standard 2X0 room configuration with semi-private bathrooms and walk-in closets. Built-in equipment includes service elevators. Community and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. Sustainable design principles will be included in 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</p>					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P028	8. Project Cost (\$000) 18,068	
<p>information systems. Mechanical systems include plumbing, fire protection systems, and heating, ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and cable television). Paving and site improvements include paved parking, sidewalks, roadway access and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and environmental mitigation.</p> <p>Rooms: 150 two person rooms. Maximum utilization: 300 E1-E3. Intended Grade Mix: 135 E1-E3, 65 E-4, 44 E-5. Total: 244 persons.</p>				
<b>11. Requirement: 4,482 MS Adequate: 2,510 MS Substandard: 172 MS</b>				
<b>PROJECT:</b>				
Provides 300 living spaces for bachelor enlisted personnel in the Las Flores area of Marine Corps Base (MCB) Camp Pendleton.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
Military Construction is required to support HQMC Force Structure Review Group initiatives recently promulgated as a result of the Marine Corps ever increasing role in the Global War on Terrorism. The Marine Corps does not have facilities to support additional population and mission increases dictated by the FSRG initiative. This project provides a BEQ to house all enlisted Marines as part of the aggregate FSRG initiative at Camp Pendleton. This BEQ is slated to be constructed in Camp Las Flores, Camp Pendleton.				
<b>CURRENT SITUATION:</b>				
Base-wide, 5,000 E5 & below bachelor Marines are living in overcrowded and deficient existing Base barracks. Available billeting in the Headquarters Area is at maximum capacity and permanent party personnel are crowded into existing billeting assets without adherence to the minimum standards of adequacy. There are no existing facilities that can support the additional personnel input caused by the FSRG initiative.				
<b>IMPACT IF NOT PROVIDED:</b>				
Marines will continue to live in overcrowded billeting and will result in the continued use of inadequate facilities to house enlisted Marines.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				022005
(B) Date 35% Design or Parametric Cost Estimate Complete				052005



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Bachelor Enlisted Quarters		
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P028	8. Project Cost (\$000) 18,068	
(C) Date Design Completed				062006
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$520
(A) Production of Plans and Specifications				\$446
(B) All other Design Costs				\$74
(C) Total				\$520
(D) Contract				\$74
(E) In-House				\$446
4. Contract Award				112006
5. Construction Start				022007
6. Construction Complete				022008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
C. FY 2005 R&M Conducted (\$000):				15,645
D. FY 2006 R&M Conducted (\$000):				17,202
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Kirk Nelson			Phone No: 760-728-6024	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P028	8. Project Cost (\$000) 18,068	
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Light Armored Reconnaissance Battalion Fac		
5. Program Element 0206496M	6. Category Code 21410	7. Project Number P035	8. Project Cost (\$000) 7,969		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
LIGHT ARMORED RECONNAISSANCE BATTALION FAC (27,642 SF)		m2	2,568		5,790
ARMORY (11,001 SF)		m2	1,022	2,007.48	(2,050)
COMM/ELECT SHOP (1,991 SF)		m2	185	2,592.28	(480)
AIR-GRND ORG UNIT STORAGE (3,401 SF)		m2	316	1,283.69	(410)
TANK-AUTO FIELD MAINT SHOP (3,488 SF)		m2	324	1,234.78	(400)
AUTO ORG SHOP (7,761 SF)		m2	721	1,639.1	(1,180)
BUILT-IN EQUIPMENT		LS			(120)
TECHNICAL OPERATING MANUALS		LS			(90)
INFORMATION SYSTEMS		LS			(180)
ANTI-TERRORISM/FORCE PROTECTION		LS			(130)
SPECIAL COSTS		LS			(750)
SUPPORTING FACILITIES					1,130
ELECTRICAL UTILITIES		LS			(380)
MECHANICAL UTILITIES		LS			(230)
PAVING AND SITE IMPROVEMENTS		LS			(420)
DEMOLITION		LS			(100)
SUBTOTAL					6,920
CONTINGENCY (5%)					350
TOTAL CONTRACT COST					7,270
SIOH (5.7%)					410
SUBTOTAL					7,680
DESIGN/BUILD - DESIGN COST					280
TOTAL REQUEST ROUNDED					7,960
TOTAL REQUEST					7,969
<b>10. Description of Proposed Construction</b>					
Construct facilities to include armory; additions to existing warehouse/electronics-communication shop (two bays including loading docks) and LAV maintenance shop (six bays including lube pits); and renovation of existing motor transportation maintenance shop. Reroof existing warehouse and maintenance shops to match new additions. Each warehouse and maintenance bay will have a roll-up metal door. Provide offices for					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Light Armored Reconnaissance Battalion Fac		
5. Program Element 0206496M	6. Category Code 21410	7. Project Number P035	8. Project Cost (\$000) 7,969	
<p>warehouse staff. Security cages will be provided within the warehouse bays to accommodate comm-elec maintenance and storage. Provide cleaning gear storage, restrooms with showers and lockers, and building mechanical/electrical/telecommunication spaces. Demolish MCESS building 41816 and deteriorated lube racks. Special construction features include seismic construction, and one 10-ton crane in the LAV maintenance building. Sustainable design principles will be included into the 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. Telecommunication systems include fiber optic cabling, local area network (LAN) and telephone wiring. Mechanical systems include plumbing; fire protection systems; heating and ventilation. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, and Local Area Network (LAN). Paving and site improvements include security fencing, exterior site and building lighting, paved parking and striping, sidewalks, storm water management, earthwork, grading, landscaping, and automatic irrigation system. Project includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and necessary environmental mitigation.</p>				
<p><b>11. Requirement:</b> <u>19,369 m2</u> <b>Adequate:</b> <u>8,365 m2</u> <b>Substandard:</b> <u>6,097 m2</u></p> <p><b>PROJECT:</b></p> <p>This project constructs facilities that will accommodate an additional LAR company.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate and efficiently configured facilities are required to accommodate the operational and training requirements of an additional LAR company.</p> <p><b>CURRENT SITUATION:</b></p> <p>To strengthen the Marine Corps ability to combat the global war on terrorism, HQMCs Force Structure Review Group (FSRG) has programmed a series of unit realignments. This plan will result in an additional company being assigned to 1st Light Armored Reconnaissance (LAR) Battalion. LAR Battalion occupies permanent facilities that were constructed in 1988. While these facilities were sufficiently sized to accommodate the Company's personnel and equipment almost seventeen years ago, they cannot absorb the proposed additional staffing, vehicles and equipment. Building 410364 currently accommodates both the motor transport maintenance function and the armory. The maintenance portion is currently utilized to its maximum capacity, and the additional company requires additional maintenance space. This requirement will be accommodated by conversion of the adjacent armory space to maintenance. The armory is inadequate in terms of size and</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Light Armored Reconnaissance Battalion Fac		
5. Program Element 0206496M	6. Category Code 21410	7. Project Number P035	8. Project Cost (\$000) 7,969	
<p>security requirements, and these deficiencies cannot be economically corrected. Construction of a new armory is the only viable means of accommodating weapons storage.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>No facilities exist to accommodate the personnel and equipment programmed for an additional LAR company. If not provided the unit will have to share facilities to the detriment of equipment maintenance and command and control.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				072005
(B) Date 35% Design or Parametric Cost Estimate Complete				062006
(C) Date Design Completed				072006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$242
(A) Production of Plans and Specifications				\$207
(B) All other Design Costs				\$35
(C) Total				\$242
(D) Contract				\$35
(E) In-House				\$207
4. Contract Award				102006
5. Construction Start				022007
6. Construction Complete				022008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Light Armored Reconnaissance Battalion Fac	
5. Program Element 0206496M	6. Category Code 21410	7. Project Number P035	8. Project Cost (\$000) 7,969	
Activity POC: Joe Baltikauski		Phone No: 760-763-0134		

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Amphibious Vehicle Test Branch (AVTB) Annex		
5. Program Element 0206496M	6. Category Code 31310	7. Project Number P041	8. Project Cost (\$000) 2,320		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
AMPHIBIOUS VEHICLE TEST BRANCH (AVTB) ANNEX (9,042 SF)		m2	840		1,600
CONC. VEHICLE APRONS (3,606 SF)		m2	335	92.43	(30)
AVTB ANNEX (5,436 SF)		m2	505	2,312.15	(1,170)
BUILT-IN EQUIPMENT		LS			(270)
TECHNICAL OPERATING MANUALS		LS			(20)
INFORMATION SYSTEMS		LS			(20)
ANTI-TERRORISM/FORCE PROTECTION		LS			(30)
SPECIAL COSTS		LS			(60)
SUPPORTING FACILITIES					420
ELECTRICAL UTILITIES		LS			(90)
MECHANICAL UTILITIES		LS			(30)
PAVING AND SITE IMPROVEMENTS		LS			(200)
SITE PREPARATIONS		LS			(60)
DEMOLITION		LS			(40)
SUBTOTAL					2,020
CONTINGENCY (5%)					100
TOTAL CONTRACT COST					2,120
SIOH (5.7%)					120
SUBTOTAL					2,240
DESIGN/BUILD - DESIGN COST					80
TOTAL REQUEST ROUNDED					2,320
TOTAL REQUEST					2,320
<b>10. Description of Proposed Construction</b>					
<p>Construct an Amphibious Vehicle Test Branch (AVTB) Maintenance Annex for the new Expeditionary Fighting Vehicle (EFV). The project will provide facilities to conduct vehicle maintenance and repair, support the research, development, testing and evaluation of the EFV, its components, test rigs and support equipment. Construction will include drive-through maintenance bays, a transmission dynamometer room, a communication/electronic shop, maintenance office, tool and layette storage rooms, electrical and mechanical rooms and restrooms, as well as reinforced concrete aprons for access to the drive-through maintenance bays. Special construction features include seismic construction. Sustainable design principles will be included into the construction of the project in accordance with</p>					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Amphibious Vehicle Test Branch (AVTB) Annex		
5. Program Element 0206496M	6. Category Code 31310	7. Project Number P041	8. Project Cost (\$000) 2,320	
<p>Executive Order 13123 and other laws and executive orders. Built-In equipment includes air compressors with dryers, transmission dynamometer, overhead 10 Ton Bridge Crane, and two-tier personnel lockers. Electrical Systems include fire alarms, exterior and interior lighting, energy saving electronic monitoring system (EMCS), information systems, and rerouting of overhead power and communication lines to underground. Mechanical Systems include plumbing, fire protection systems, heating, ventilation and air conditioning. Supporting facilities work includes site and building utility connections. Paving and site improvements includes exterior site and building lighting, earthwork, grading and Storm Water Pollution Prevention Plan, and a Closed Loop Wash Rack. Demolition includes building 21534, which served as the old Maintenance Facility/Carpenter Shop/Transmission Dynamometer Facility, concrete ramp utilized for loading/unloading vehicles onto trailers, Automatic Fire Detection Test Pad (adjacent to the ramp), Vehicle Wash Down Area with associated equipment and the existing paved structure around building 21534. Construction will be in Seismic Zone 4. Construction shall be per UFC-4-010-01 DOD Minimum Anti-Terrorism Standards for building dated 8 Oct 2003. Also includes Technical Operating Manuals and Anti-Terrorism/Force Protection features.</p>				
<p><b>11. Requirement:</b>      <u>840 m2</u>    <b>Adequate:</b>      <u>0 m2</u>    <b>Substandard:</b>      <u>0 m2</u></p>				
<p><b>PROJECT:</b></p> <p>This project constructs a new AVTB Maintenance Annex to augment the main AVTB Facility. The AVTB is currently supporting EFV prototype vehicles as they undergo Developmental and Operational Testing and will continue to do so through Fiscal Year (FY) 2008. Seven Production EFVs will be permanently fielded to the AVTB starting in FY 2008. These vehicles will be used to support EFV follow-on test and evaluation, evaluation of production hardware, production assurance testing and alternate part and material testing. The AVTB will continue to support the currently fielded Amphibious Assault Vehicle 7A1 (AAV7A1) until its elimination from the Operating Forces in FY 2018.</p> <p><b>(Current Mission)</b></p>				
<p><b>REQUIREMENT:</b></p> <p>Adequate and efficiently configured facilities to maintain, repair and support the development and testing of the new Expeditionary Fighting Vehicle are required.</p>				
<p><b>CURRENT SITUATION:</b></p> <p>AVTB is currently located in Building 210536 constructed in 1985. The building is in good physical shape however, the buildings maintenance bays are not sized to accomodate the new EFV's. Building 21534, located in the AVTB Compound is a metal building, built in 1953, that is in very poor</p>				



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Amphibious Vehicle Test Branch (AVTB) Annex		
5. Program Element 0206496M	6. Category Code 31310	7. Project Number P041	8. Project Cost (\$000) 2,320	
<p>condition and is inadequate. The buildings power, wiring, illumination and ventilation are severely deficient to perform maintenance functions and the building has several holes in the rusting metal walls and roof. This building is on the MCB Camp Pendleton Demolition List, due to its condition and high maintenance costs. This building currently houses the Transmission Dynamometer, Carpenter Shop and two small maintenance bays.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>7 EFV's valued at a total cost of \$42,000,000 will be delivered to Camp Pendleton with no facility to house them. Without this project, AVTB will be unable to adequately support the maintenance, repair, development and testing of the high performance EFVs. If this project is not funded, additional dollars will need to be spent for upkeep of the existing deteriorating and inadequate Maintenance/Carpenter Shop/Transmission Dynamometer Facility.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$90
(A) Production of Plans and Specifications				\$60
(B) All other Design Costs				\$30
(C) Total				\$90
(D) Contract				\$60
(E) In-House				\$30
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Armory and Communications Complex	
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P064	8. Project Cost (\$000) 12,160	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ARMORY AND COMMUNICATIONS COMPLEX (51,265 SF)	m2	4,762.7		8,390
ARMORY (23,594 SF)	m2	2,192	2,022.06	(4,430)
ARMORY RENOVATION (8,730 SF)	m2	811	253.36	(210)
COM/ELECTRONICS FACILITY (17,341 SF)	m2	1,611	1,659.14	(2,670)
HAZMAT COVERED STORAGE	m2	148.7	948.21	(140)
BUILT-IN EQUIPMENT	LS			(360)
TECHNICAL OPERATING MANUALS	LS			(100)
INFORMATION SYSTEMS	LS			(30)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
SPECIAL COSTS	LS			(390)
SUPPORTING FACILITIES				2,180
DEMOLITION	LS			(330)
ENVIRONMENTAL MITIGATION	LS			(30)
SITE PREPARATION (ARMORY)	LS			(560)
SITE IMPROVEMENTS (EXIST. ARMORY)	LS			(110)
STREET PAVING AND IMPROVEMENTS	LS			(340)
SITE PREPARATION (COMM/ELEC. FAC)	LS			(710)
UTILITIES SERVICES FOR ARMORY	LS			(50)
UTILITIES SERVICES FOR COMM/ELEC. FAC.	LS			(50)
SUBTOTAL				10,570
CONTINGENCY (5%)				530
TOTAL CONTRACT COST				11,100
SIOH (5.7%)				630
SUBTOTAL				11,730
DESIGN/BUILD - DESIGN COST				420
TOTAL REQUEST ROUNDED				12,150
TOTAL REQUEST				12,160
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(100)
<b>10. Description of Proposed Construction</b>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Armory and Communications Complex		
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P064	8. Project Cost (\$000) 12,160	
<p>Construct a single story armory facility, renovation of an existing armory facility, and construction of a single story communication/electronics maintenance facility. Project includes integral-colored concrete masonry building with reinforced spread footings and slab on grade, standing seam metal roof over steel framing, steel doors and frames and roll up doors, and gypsum board over metal stud interior partitions. Construction also includes classrooms, communication/electrical testing labs and conference room, administration offices and general storage space. Built-in equipment includes weapon storage steel cages for the armory, replacement of weapon cages at the existing armory, cleaning tables and covers for existing and new armory, lighting, a guard house for the armories and working benches and counters. Utilities work includes relocation of existing utilities services, underground and/or overhead utilities services and connections for water, fire protection, backflow preventers, sanitary sewer, natural gas, electrical/telephone and LAN connections, compressed air and vehicular exhaust ventilation systems, grounding and static protection, security light poles for the existing and new facilities, and telephone and LAN systems. Site preparation includes demolition of existing concrete, rework and compaction of soil materials, grading work, fill material. Paving improvements include asphalt concrete pavement for parking areas and for tactical vehicles, sidewalks, fences, grading, building signs, retaining walls, storm sewer system including culverts, inlets, headwalls, filtration system for the first rain run off, erosion control, landscaping and irrigation, extending hardstand at the existing armory including fill material, A/C pavement, curb, cleaning tables and covers, and security fence. Demolition includes buildings 62325, 62326, 62328, 62353, 62354, 62355, and 62356. Sustainable features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders.</p>				
<b>11. Requirement:</b> <u>4,353 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> The project constructs additional armory space, renovates the existing armory, and constructs a new communication/electronics maintenance complex. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Adequate, safe and efficiently configured facilities are required for armory (45 people) and communications and electronic space for the 5th Marine Regiment and 1st Combat Engineer Battalion (213 people) occupying the San Mateo area of MCB Camp Pendleton. Over 3400 Marines store and maintain their weapons in the Camp San Mateo area.				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Armory and Communications Complex	
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P064	8. Project Cost (\$000) 12,160	

**CURRENT SITUATION:**

The existing armory, which measures only 853 m2, was constructed in 1980 and stores weapons for over 3400 Marines located in San Mateo. The armory is overcrowded, creating unsafe work conditions. Because the building is undersized, there is no interior space for maintenance on the weapons and limited space for the armorers to do their required administrative work. There is no classroom space within the facility. The existing armory cannot be expanded to accommodate the weapons loading requirements because it's surrounded on all sides by other buildings and an access road. Currently there is a requirement for five sections of communications/electronics maintenance and storage areas. 1st CEB's and 5th Mar HQ's section are located in adequate or substandard facilities. The three remaining sections of 5th Marines are in inadequate butler buildings built during the Korean War. The butler buildings were originally built for supply storage and are not configured for use by a communications/electronic section. These buildings have deteriorated beyond repair, are seismically unsound, and have received notices of safety violation from the Base Safety Department. There is no heat and the walls are made of metal sheeting. The buildings often experience electrical brown outs and have limited phone service. The antiquated electrical system has been patched through the years and the result is a confusing and dangerous mixture of lines lying on the building.

**IMPACT IF NOT PROVIDED:**

The safety and health of the Marines working in the existing armory and communications/electronic facilities will continue to be jeopardized. Equipment will not be maintained as efficiently as possible and will continue to lower the units' readiness ratings. Continued use of the inadequate facilities may result in additional damage to the facilities and/or loss of equipment.

**12. Supplemental Data:**

A. Estimated Design Data:

1. Status:

(A) Date Design or Parametric Cost Estimate Started	062005
(B) Date 35% Design or Parametric Cost Estimate Complete	092005
(C) Date Design Completed	092006
(D) Percent Completed as of SEPTEMBER 2005	10%
(E) Percent Completed as of JANUARY 2006	15%
(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:

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Armory and Communications Complex		
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P064	8. Project Cost (\$000) 12,160	
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$400
(A) Production of Plans and Specifications				\$300
(B) All other Design Costs				\$100
(C) Total				\$400
(D) Contract				\$100
(E) In-House				\$300
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested</u>		<u>Cost (\$000)</u>
Security - Intrusion Equipment		OPN	2008	100
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Marlo McFaul		Phone No: 760-725-6399		

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Conveyance/Reclamation Inc 2 of 2		
5. Program Element 0202056M		6. Category Code 83210	7. Project Number P110A	8. Project Cost (\$000) Auth 0 Approp 33,290 Auth for Approp 33,290	
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
CONVEYANCE/RECLAMATION INC 2 OF 2		LS			16,940
CONVEYANCE/RECLAMATION (4,423 LF)		m	1,348	2,607.61	(3,520)
CONVEYANCE (34,501 LF)		m	10,516	866	(9,110)
PUMPING STATION		EA	1	4,308,084	(4,310)
SUPPORTING FACILITIES					37,880
SPECIAL CONSTRUCTION FEATURES		LS			(20,640)
MECHANICAL UTILITIES		LS			(15,480)
ENVIRONMENTAL MITIGATION		LS			(1,690)
ANTI-TERRORISM/FORCE PROTECTION		LS			(60)
PAVING AND SITE IMPROVEMENT		LS			(10)
SUBTOTAL					54,820
CONTINGENCY (5%)					2,740
TOTAL CONTRACT COST					57,560
SIOH (5.7%)					3,280
SUBTOTAL					60,840
DESIGN/BUILD - DESIGN COST					2,190
FINANCED FROM PRIOR YEARS		LS			-4,300
LESS INCREMENT I FUNDING - FY 2006		LS			-25,192
TOTAL REQUEST ROUNDED					33,538
TOTAL REQUEST					33,290
<b>10. Description of Proposed Construction</b>					
<p>Construct pumping and pipeline infrastructure to convey wastewater from Sewage Treatment Plants (STP) 1, 2, 3, and other collection areas, and the Sewage Lift Station (SLS) 8 tributary areas to the new regional sewage treatment plant (P-002, P-002a). Construction includes but is not limited to: wet well/dry well installations, pump and pump station installations, piping installation, flow equalization structures, stand-by-emergency power, new electrical power service system, remote monitoring and connections to Energy Monitoring System, and controls. Construct a reuse effluent distribution system to convey disinfected tertiary treated wastewater from the Southern Regional Tertiary Treatment Plant (SRTTP) to the selected reclamation areas. Construct new Reuse Lift Stations (RLS), SRTTP effluent storage tanks, ponds and lakes, and distribution system</p>					





1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Conveyance/Reclamation Inc 2 of 2	
5. Program Element 0202056M	6. Category Code 83210	7. Project Number P110A	8. Project Cost (\$000) Auth 0 Approp 33,290 Auth for Approp 33,290	
<p>reuse. The existing wastewater infrastructure is not extensive enough to transmit raw waste water to the SRTTP or treated effluent to the reuse sites.</p> <p><b>CURRENT SITUATION:</b></p> <p>MCB Camp Pendleton has been in violation of existing wastewater quality standards for discharge of treated sewage water to the Santa Margarita River. Cease and Desist Orders (CDOs,) for the STPs in the Southern Region have been issued by the San Diego Regional Water Quality Control Board. The U.S. District Court has issued a Consent Order, which was the result of suits brought by various citizen watchdogs. In September 2003, the MCB sent its treated compliant effluent to an Oceanside outfall pipe on a short-term basis agreement. MCB Camp Pendleton currently relies on seven STPs, 71 Lift Stations and vehicle wash stations, and over 156 miles of sewage collection pipelines to collect, pump, and treat raw sewage and vehicle wash water from the cantonment areas of the MCB. MCB currently has an interim agreement with the City of Oceanside to dispose of secondary treated effluent via the City's existing ocean outfall. This was accomplished by constructing a 2.2-mile pipeline from the MCB to the Outfall Pump Station. This agreement was intended to allow MCB to meet the San Diego Regional Water Quality Control Board discharge requirements. This Agreement stipulates that use of the outfall is for a 5-year period commencing on the date the MCB begins pumping effluent into the outfall. The MCB may exercise up to three additional option years only if it can certify to the Oceanside City Council that it has secured full funding for the SRTTP and alternate disposal facilities. Maximizing reclamation opportunities and incorporating appropriate seasonal storage will result in the MCB being able to reuse 100% of the SRTTP treated effluent.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Without the construction of this conveyance system, sewage from the new treatment plant will be pumped through outdated, undersized, and unreliable sewage treatment system. Continued discharge from the existing STPs will result in continued Notice of Violations, potential adverse impacts to the environment, and civil litigation.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092003
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				112005
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Conveyance/Reclamation Inc 2 of 2	
5. Program Element 0202056M	6. Category Code 83210	7. Project Number P110A	8. Project Cost (\$000) Auth 0 Approp 33,290 Auth for Approp 33,290	
(F) Type of Design Contract		Design Build		
(G) Parametric Estimate used to develop cost		Yes		
(H) Energy study/Life cycle analysis performed		Yes		
2. Basis:				
(A) Standard or Definitive Design:		No		
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$580
(A) Production of Plans and Specifications		\$500		
(B) All other Design Costs		\$80		
(C) Total		\$580		
(D) Contract		\$80		
(E) In-House		\$500		
4. Contract Award		022006		
5. Construction Start		042006		
6. Construction Complete		082007		
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Mr. R. Couchot		Phone No: (760) 763-4837		

1. Component MARINE CORPS	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title BEQ & Mess Hall 41 Area MARSOC		
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P206	8. Project Cost (\$000) 31,115	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ & MESS HALL 41 AREA MARSOC (95,530 SF)	m2	8,875		24,980
BEQ E-1 - E-4 (68,620 SF)	m2	6,375	1,964.08	(12,520)
MESS HALL (26,910 SF)	m2	2,500	3,386.19	(8,470)
BUILT-IN EQUIPMENT	LS			(340)
TECHNICAL OPERATING MANUALS	LS			(90)
INFORMATION SYSTEMS	LS			(340)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,680)
SPECIAL COSTS	LS			(1,540)
SUPPORTING FACILITIES				2,190
SPECIAL CONSTRUCTION FEATURES	LS			(450)
ELECTRICAL UTILITIES	LS			(430)
MECHANICAL UTILITIES	LS			(240)
PAVING AND SITE IMPROVEMENTS	LS			(900)
SITE PREPARATIONS	LS			(120)
DEMOLITION	LS			(50)
SUBTOTAL				27,170
CONTINGENCY (5%)				1,360
TOTAL CONTRACT COST				28,530
SIOH (5.7%)				1,630
SUBTOTAL				30,160
DESIGN/BUILD - DESIGN COST				1,090
TOTAL REQUEST ROUNDED				31,250
TOTAL REQUEST				31,115
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(3,450)
<b>10. Description of Proposed Construction</b>				
<p>BEQ</p> <p>Construct a multistory reinforced concrete masonry building with seismic requirements, service elevator, concrete foundation and floors, and standing seam metal roof, providing 150 rooms with semi-private bathrooms in the standard 2x0 room configuration. Community, and service core areas consist of laundry facilities, multipurpose rooms, lounges, administrative offices, housekeeping areas and public restrooms. Built-in equipment</p>				

1. Component MARINE CORPS	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title BEQ & Mess Hall 41 Area MARSOC	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P206	8. Project Cost (\$000) 31,115	
<p>includes elevators, counters and vanities. Technical operating (OMSI)Manuals and information systems consisting of telephones, cable TV wiring will be provided. Anti-terrorism Force protection will be provided in accordance with UFC 4-010-01, Appendix B. Special costs include the additional concrete &amp; steel required for compliance with seismic codes. Supporting facilities consist of electrical systems including fire alarms, energy saving electronic monitoring and control system (EMCS); mechanical systems including plumbing, fire protection &amp; heating and ventilation. Supporting facilities also includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical). Paving and site improvements include paved parking, sidewalks, outdoor recreation facilities/courts, roadways access, bus shelter/turnouts, earthwork, grading and landscaping, demolition of existing paving, fencing and lighting.</p> <p>Rooms: 150 two-person rooms. Maximum utilization: 300 E1-E3.</p> <p>MESS HALL</p> <p>Construct a one-story reinforced Concrete Masonry Unit (CMU) dining facility with seismic upgrades, spread footing foundations, reinforced concrete slab and floors, structural steel framing, steel truss and standing seam metal roof. Construction will include space for mess decks, galley, scullery, administrative offices, chill boxes and freezers, storage, toilet rooms, mechanical, telephone and LAN room. Sustainable design principles will be included into the construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes freezers, fire suppression system, food isles and booths. Electrical utilities include 500 kV transformer, underground utilities, utility meters, energy monitoring control system (EMCS). Mechanical utilities include plumbing and gas mains. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN)).</p> <p>Paving and site improvements include concrete sidewalks, curbs and gutters, paved access roads and parking, security lighting, storm water management, landscaping with automatic irrigation, concrete block screen walls for trash and utilities and permanent monument sign. Demolition of one inadequate CMU building (41352) and one inadequate wood building (41354) including asbestos removal and lead based paint abatement. Construction will be in seismic zone 4. Also includes Technical Operating Manuals, Anti-terrorism/Force Protection features and necessary</p>				

1. Component MARINE CORPS	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title BEQ & Mess Hall 41 Area MARSOC		
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P206	8. Project Cost (\$000) 31,115	
environmental mitigation.				
<b>11. Requirement:</b> <u>9,252 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>913 m2</u> <b>PROJECT:</b> Provides 300 living spaces (150 two-person rooms) using the 2x0 standard room design for permanent party bachelor enlisted personnel.  Mess Hall is sized at 2500 m based on camp requirements and MARSOC addition.  <b>(Current Mission)</b> <b>REQUIREMENT:</b> This project will correct billeting and messing space deficiencies in the Las Flores 41 Area of Camp Pendleton.  Adequate facilities to accommodate daily meals to over 2,200 personnel, to enable food service personnel to conform to health and safety regulations, and to improve the Life Quality of the Marines and Sailors assigned to the Las Flores cantonment area. <b>CURRENT SITUATION:</b> Adequate billeting in the Las Flores 41 Area is currently at maximum capacity, with a deficit of 1,112 programmable manspaces. Marines are being overbilled in crowded conditions, many at 3 per room. This overcrowding is a detriment to the quality of life and is far inferior to the Marine Corps/DoD Billeting Standards of 2 per room for all enlisted personnel (E1-E3) and one per room for E4-E5. The situation is so critical that even by assigning personnel at maximum capacity, the billeting requirements are not met and many personnel must be billeted off base.  The existing dining facility was constructed in 1966 and does not meet current code requirements for seismic, fire protection, energy efficiency, or food handling, serving and dining operations. The cost to repair utilities, life safety features, and other critical features far exceeds 75% of the building's plant replacement value. The existing facility will be renovated for another use after it is replaced. In addition, approximately 850 additional Marines are being assigned to this camp and the already undersized messhall will not accomodate any more patrons. The structure is deteorated and infested with rodents. Many Marines travel to other areas on the Base to get their meals and this interferes with the training schedule. The mechanical systems often malfunction and creat unsafe environment for the Marines. <b>IMPACT IF NOT PROVIDED:</b>				

1. Component MARINE CORPS	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title BEQ & Mess Hall 41 Area MARSOC		
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P206	8. Project Cost (\$000) 31,115	
<p>If this project is not provided, MARSOC personnel will not have billeting or mess space, the Marine Corps' goal to provide new construction addressing all bachelor quarter space deficiencies by 2012 will not be achieved. Personnel will continue to be billeted in overcrowded, 3 per room barracks. They will endure a lower quality of life to the detriment of morale and retention efforts. Furthermore, higher-ranking personnel will continue to be billeted off base, thereby costing the Marine Corps BAH funds. The Marine Corps unit cohesion will be undermined.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				012006
(B) Date 35% Design or Parametric Cost Estimate Complete				052006
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				0%
(E) Percent Completed as of JANUARY 2006				10%
(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:				
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$525
(A) Production of Plans and Specifications				\$425
(B) All other Design Costs				\$100
(C) Total				\$525
(D) Contract				\$125
(E) In-House				\$400
4. Contract Award				122006
5. Construction Start				022007
6. Construction Complete				122008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
BEQ Furniture			2008	1,000
Dining Room furniture			2008	450
Kitchen Equipment			2008	2,000
C. FY 2005 R&M Conducted (\$000):				
D. FY 2006 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				

1. Component MARINE CORPS	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title BEQ & Mess Hall 41 Area MARSOC	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P206	8. Project Cost (\$000) 31,115	
<p>The (CERTIFYING OFFICIAL) certifies that this project has been considered for joint use potential. (TYPE OF CONSTRUCTION RECOMMENDED)is recommended. (UNILATERAL STATEMENT, if Unilateral Construction is selected)</p> <p>Activity POC: Kent Hedges Phone No: 703-725-5641</p>				

1. Component MARINE CORPS	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title BEQ & Mess Hall 41 Area MARSOC	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P206	8. Project Cost (\$000) 31,115	
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Fire Emergency Response Station, 20 Area		
5. Program Element 0206496M	6. Category Code 73010	7. Project Number P563	8. Project Cost (\$000) 4,710	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
FIRE EMERGENCY RESPONSE STATION, 20 AREA (9,688 SF)	m2	900		2,390
FIRE EMERGENCY STATION, 20 AREA (9,688 SF)	m2	900	2,157.71	(1,940)
BUILT-IN EQUIPMENT	LS			(110)
TECHNICAL OPERATING MANUALS	LS			(20)
INFORMATION SYSTEMS	LS			(50)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
SPECIAL COSTS	LS			(220)
SUPPORTING FACILITIES				1,720
ELECTRICAL UTILITIES	LS			(190)
MECHANICAL UTILITIES	LS			(50)
PAVING AND SITE IMPROVEMENTS	LS			(1,110)
SITE PREPARATIONS	LS			(90)
DEMOLITION	LS			(110)
ENVIRONMENTAL MITIGATION	LS			(60)
ANTI-TERRORISM/FORCE PROTECTION	LS			(110)
SUBTOTAL				4,110
CONTINGENCY (5%)				210
TOTAL CONTRACT COST				4,320
SIOH (5.7%)				250
SUBTOTAL				4,570
DESIGN/BUILD - DESIGN COST				160
TOTAL REQUEST ROUNDED				4,730
TOTAL REQUEST				4,710
<b>10. Description of Proposed Construction</b>				
<p>Construct a multi-bay, drive-thru Fire Emergency Response Station and include hose drying space, storage room, combination dayroom and training area, dining room with covered patio, kitchen, exercise room, medical supply storage area, Captain's office, workroom, laundry, toilets and shower rooms for males and females, and individual sleeping rooms with personnel lockers for one Engine Company.</p> <p>Sustainable features will be included in the design, development and</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Fire Emergency Response Station, 20 Area	
5. Program Element 0206496M	6. Category Code 73010	7. Project Number P563	8. Project Cost (\$000) 4,710	
<p>construction of the project in accordance with Executive Order 13123 and other laws and executive orders.</p> <p>Built in equipment includes a compressed air system for vehicle maintenance, fireman gear lockers, overhead mechanical vehicle doors, public address system, steam generator, freestanding vehicle exhaust system, and emergency generator.</p> <p>Project includes Technical Operating Manuals. Information systems include wiring for telephone, cable television (CATV), local area network (LAN), and emergency management control system (EMCS).</p> <p>Anti-Terrorism/Force Protection features include structural hardening, blast resistant glazing, mass notification system, and emergency mechanical shut off per UFC-4-010-01 DOD Minimum Anti-Terrorism Standards For Buildings dated 8 Oct 2003.</p> <p>Special costs include seismic reinforcement for Category III - immediate occupancy.</p> <p>Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewer, electrical, telephone, LAN, and CATV). Electrical utilities include fire alarm system, electrical cables and conductors, and electrical vaults. Mechanical utilities include heating, ventilation, and air conditioning (HVAC) and fire protection system.</p> <p>Paving and Site Improvements include sidewalks, sound and retaining walls, a closed loop wash rack, recreation shelter, fire/emergency traffic light, fencing, and landscaping. Site Preparations include a Storm Water Pollution Prevention Plan (SWPPP) and a Post Construction Storm Water Filtration System.</p> <p>The project includes demolition of Building 21401 (361 m2) and lead and asbestos removal as well as any required environmental mitigation.</p> <p>Project includes Anti-Terrorism/Force Protection (AT/FP) features for the site, and will be designed to meet the requirements of the Americans with Disabilities Act (ADA).</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Fire Emergency Response Station, 20 Area		
5. Program Element 0206496M	6. Category Code 73010	7. Project Number P563	8. Project Cost (\$000) 4,710	
<p><b>PROJECT REQUIREMENT:</b>      <u>914 m2</u>    <b>Adequate:</b>      <u>0 m2</u>    <b>Substandard:</b>      <u>0 m2</u>  This project will construct a fire station in the 20 Area of MCB Camp Pendleton.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b>  Provide an adequate fire protection and emergency response facility to house one Engine Company and associated equipment. The facility will provide sufficient space for personnel and equipment and be in accordance with current fire station design criteria.</p> <p><b>CURRENT SITUATION:</b>  The 21 Area Engine Company responds to all fires, rescues, and other emergencies in MCB Camp Pendleton's Del Mar Area, Wire Mountain Housing Area (2 to 3 thousand housing units), I-5 Freeway (joint jurisdiction), I-MEF HQ, and Pacific Plaza Commissary and Exchange. As a result of growth in this area over the last five years and projected future growth, the existing facility cannot safely or efficiently meet the demand for emergency services.</p> <p>Building 21401, which was constructed in 1942 as a fire station, has outlasted its economical life. The deteriorated wood frame structure does not meet current Uniform Building Code standards for Essential Emergency Services Facilities, including seismic and life safety requirements, and is not large enough to house required equipment and personnel. The facility provides covered parking for only two vehicles, leaving half of the emergency response equipment exposed to weather and unauthorized personnel. Personnel are billeted in overcrowded dormitory sleeping areas with no separate shower and toilet facilities for male and female fire fighters. They are provided only makeshift areas for food preparation and dining.</p> <p>There have been 17 fires that the Del Mar Fire Station, Area 21 has responded to since 1997, 14 of which were located in the 20 Area. Because the current facility is located at a dangerous five-way intersection and emergency crews must cross a narrow two lane bridge over the I-5 freeway to reach the 20 Area, fire fighting forces often have difficulty responding within the 5 minute response time required by Marine Corps Order P11000.11B.</p> <p><b>IMPACT IF NOT PROVIDED:</b>  Because of age and deterioration, the existing facility requires constant, expensive maintenance and is at high risk of collapsing. If not provided, lack of adequate personnel housing and equipment storage will continue. Fire fighting forces will not be able to satisfy the response times mandated in Marine Corps Order P11000.11B.</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Fire Emergency Response Station, 20 Area		
5. Program Element 0206496M	6. Category Code 73010	7. Project Number P563	8. Project Cost (\$000) 4,710	
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				5%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$165
(A) Production of Plans and Specifications				\$124
(B) All other Design Costs				\$41
(C) Total				\$165
(D) Contract				\$124
(E) In-House				\$41
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Tim Busser		Phone No: (760) 725-6073		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Regimental Maint Complex (Ph2)		
5. Program Element 0206496M	6. Category Code 21451	7. Project Number P725	8. Project Cost (\$000) 14,860	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
REGIMENTAL MAINT COMPLEX (PH2) (37,781 SF)	m2	3,510		7,840
HAZMAT ADMIN OFFICE (1,001 SF)	m2	93	1,813.5	(170)
HAZMAT STORAGE (13,939 SF)	m2	1,295	986.31	(1,280)
MOTOR TRANSPORT MAINTENANCE FACILITY (22,841 SF)	m2	2,122	1,957.72	(4,150)
BUILT-IN EQUIPMENT	LS			(730)
TECHNICAL OPERATING MANUALS	LS			(130)
INFORMATION SYSTEMS	LS			(250)
ANTI-TERRORISM/FORCE PROTECTION	LS			(220)
SPECIAL COSTS	LS			(910)
SUPPORTING FACILITIES				5,130
ELECTRICAL UTILITIES	LS			(490)
MECHANICAL UTILITIES	LS			(270)
PAVING AND SITE IMPROVEMENTS	LS			(3,640)
DEMOLITION	LS			(310)
ENVIRONMENTAL MITIGATION	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(270)
SUBTOTAL				12,970
CONTINGENCY (5%)				650
TOTAL CONTRACT COST				13,620
SIOH (5.7%)				780
SUBTOTAL				14,400
DESIGN/BUILD - DESIGN COST				520
TOTAL REQUEST ROUNDED				14,920
TOTAL REQUEST				14,860
<b>10. Description of Proposed Construction</b>				
<p>Primary facility: Construct a multi-bay concrete masonry unit motor vehicle maintenance shop and HAZMAT storage facility. Construction includes a battery shop, administrative spaces, locker rooms, tire room, conference room, and classrooms. Also included are vehicle washracks, grease racks, and loading/unloading platforms. Built in equipment includes an air compressor, two 10-ton overhead bridge cranes, vehicle exhaust removal system, vehicle lifts, and fixed tire changer. Information systems include</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Regimental Maint Complex (Ph2)		
5. Program Element 0206496M	6. Category Code 21451	7. Project Number P725	8. Project Cost (\$000) 14,860	
<p>Telephone, Local Area Network (LAN), and fiber optic wiring. Special costs include Electronic Monitoring and Control System (EMCS) with controls and sensors, an above ground storage tank, personnel showers, secure storage cages and vehicle service pits.</p> <p>Supporting facilities: Electrical systems include fire alarms, electrical distribution systems, exterior lighting, transformer and information systems. Mechanical systems include plumbing, fire protection systems, sewer, gas, water utilities, heating, ventilation and air conditioning. Paving and site improvements include concrete aprons and curbs, excavation, grading, and landscaping. Environmental mitigation includes removal of contaminated soil and waste water management. Personnel Security Equipment, PSE is included in this project per UFC 4-010-01 dated 8 Oct 03. Construction will be in Seismic Zone 4. Also includes Technical Operating Manuals and Anti-terrorism/Force Protection features. Sustainable features have been included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Demolition includes existing concrete and asphalt aprons, grease racks and loading docks, and buildings 43573 and 430576.</p>				
<b>11. Requirement:</b> <u>4,076 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> This project constructs motor transport maintenance facilities and a hazmat storage facility for the 11th Marine Regiment. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> The project is required to support the 5th Battalion and Regimental Engineers' move from Camp Las Flores to Camp Las Pulgas, consolidating the 11th Marines. This facility will enable 11th Marines to accomplish first and second echelon maintenance on over 760 motor transportation vehicles, over 300 engineer vehicles and heavy equipment, 21 track vehicles, and over 50 Howitzer 155mms.				
<b>CURRENT SITUATION:</b> The existing motor transport and ordnance maintenance facilities located in Camp Las Pulgas were constructed in 1954 and 1969 respectively. No new maintenance facilities have been provided in support of the 11th Marines since that time. The existing facilities were designed for Headquarters (HQ) and all three battalions of motor transport, ordnance and engineers; however, only HQ, two motor transport battalions (1st and 2nd Battalions)				

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3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Regimental Maint Complex (Ph2)		
5. Program Element 0206496M	6. Category Code 21451	7. Project Number P725	8. Project Cost (\$000) 14,860	
<p>and ordnance currently able to occupy the facilities. The 5th Battalion and the Regimental Engineers must work out of facilities in Camp Las Flores. Changing equipment, organizational strength and workload over a period of years has resulted in inefficient and cramped shop layouts, and scattered inadequate facilities. Because there is a lack of Hazmat storage and admin space in the complex, only fifteen bays can be used for maintenance. The remaining bays are used for Hazmat storage and makeshift offices. The current maintenance facility has only single-sex heads and locker rooms, even though HQ motor transport is comprised of 30% to 50% females.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>11th Marines will continue to work in undersized and outdated facilities. Continued use of the inadequate motor transport maintenance facility may result in additional structural damage, damage or loss of equipment, increased chance of an environmental accident, increased health and safety risks and/or possible injury may occur.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				032005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$388
(A) Production of Plans and Specifications				\$288
(B) All other Design Costs				\$100
(C) Total				\$388
(D) Contract				\$288
(E) In-House				\$100
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations: NONE				





1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA			4. Project Title Bachelor Enlisted Quarters, Chappo (22) Area	
5. Program Element 0206496M	6. Category Code 72124	7. Project Number P991	8. Project Cost (\$000) 14,940	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS, CHAPPO (22) AREA (50,358 SF)	m2	4,678.43		11,490
BEQ (47,124 SF)	m2	4,378	2,283.48	(10,000)
CLASSROOM (3,154 SF)	m2	293	2,408.82	(710)
NMCI EQUIP. SPACE PER NAVFAC GUIDANCE	m2	7.43	2,516.35	(20)
BUILT-IN EQUIPMENT	LS			(130)
TECHNICAL OPERATING MANUALS	LS			(90)
INFORMATION SYSTEMS	LS			(130)
ANTI-TERRORISM/FORCE PROTECTION	LS			(150)
SPECIAL COSTS	LS			(260)
SUPPORTING FACILITIES				1,560
SPECIAL CONSTRUCTION FEATURES	LS			(90)
SPECIAL FOUNDATION FEATURES	LS			(190)
ELECTRICAL UTILITIES	LS			(220)
MECHANICAL UTILITIES	LS			(100)
PAVING AND SITE IMPROVEMENTS	LS			(810)
DEMOLITION	LS			(110)
ANTI-TERRORISM/FORCE PROTECTION	LS			(40)
SUBTOTAL				13,050
CONTINGENCY (5%)				650
TOTAL CONTRACT COST				13,700
SIOH (5.7%)				780
SUBTOTAL				14,480
DESIGN/BUILD - DESIGN COST				520
TOTAL REQUEST ROUNDED				15,000
TOTAL REQUEST				14,940
<b>10. Description of Proposed Construction</b>				
Construct a building to provide 100 rooms with semi-private bathrooms in the standard 2x0 room configuration as well as classrooms and a Learning Resource Center. Community and service core areas consist of laundry facilities, lounges, administrative offices, multipurpose rooms, housekeeping areas, and public restrooms. NMCI requirements are incorporated in this project. Sustainable design will be integrated into				

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3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Bachelor Enlisted Quarters, Chappo (22) Area		
5. Program Element 0206496M	6. Category Code 72124	7. Project Number P991	8. Project Cost (\$000) 14,940	
<p>the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built in equipment includes service elevators. Information systems include wiring for telephone, cable television (CATV), and local area network (LAN). Special Costs include a keyless entry system, sound attenuation in the classroom, and seismic bracing.</p> <p>Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewers, electrical, telephone, LAN, and CATV). Special construction features include a detached electrical/mechanical facility. Special Foundation features include piles. Electrical systems include fire alarms and energy saving electronic monitoring and control system (EMCS). Mechanical systems include plumbing, fire protection systems, heating and ventilation. Paving and site improvements include paved parking, sidewalks, outdoor recreation areas, roadway access, bus shelter/turnouts, storm water management, earthwork, grading, landscaping, storm sewer pipe, best management practices (BMP), and Storm Water Pollution Prevention Plan (SWPPP). Also includes site demolition of existing paving and fencing; replacement of a baseball field and reconfiguration of existing traffic intersection. Anti-Terrorism/Force Protection standards will be integrated into the design, development, and construction of the project in accordance with UFC 4-010-01, DoD Minimum Antiterrorism Standards for Buildings, dated 8 Oct 2003. Construction will be in Seismic Zone 4. Technical Operating Manuals are included.</p> <p>Rooms: 100 two person rooms Maximum utilization: 200 E1-E5 (Students) Intended use: 200 E1-E5 (Students)</p>				
<p><b>11. Requirement:</b>    <u>5,549 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>13,075 m2</u></p> <p><b>PROJECT:</b></p> <p>Constructs bachelor enlisted quarters with 100 two-person rooms and classrooms for student personnel assigned to the Naval Air Maintenance Training Marine Unit Schools (NAMTRA) at Camp Pendleton.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate and efficiently configured bachelor housing facilities that meet the Minimum Standards of Adequacy (MSA) set forth in Marine Corps Order P11000.22 are required for billeting of enlisted personnel at NAMTRA school located at Marine Corps Air Station (MCAS) Camp Pendleton. This project will reduce the current deficiency of 1,189 billeting spaces in the Chappo (22) Area and will also support the Commandant of the Marine Corps (CMC) goal to replace all inadequate bachelor quarters with new 2x0 configured</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
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5. Program Element 0206496M	6. Category Code 72124	7. Project Number P991	8. Project Cost (\$000) 14,940	
<p>barracks.</p> <p>Also provides a 30 workstation Learning Resource Center for day/night shift study and a classroom for the weekly indoctrination (2 day session) of 40 new students. Co-location of these spaces within the barracks will place students in close proximity to training resources and systems. Co-location also permits the BEQ manager, who is NAMTRA Staff and the coordinator of classes, to monitor the classrooms and equipment.</p> <p>The NAMTRA School provides technical aviation maintenance training for a mix of entry level Marines and Marines seeking a second Military Operational Specialty (MOS).</p> <p><b>CURRENT SITUATION:</b></p> <p>The existing NAMTRA BEQs are located in the Chappo (22) Area, which has a deficit of over 1,189 adequate billeting spaces. As a result, student personnel are being billeted in inadequate 1950s open bay barracks with gang heads, without adherence to the Minimum Standards of Adequacy (MCO P11000.22).</p> <p>Due to insufficient classroom space in the area, the two day indoctrination course is being conducted at MCAS Camp Pendleton in a portion of a hangar bay. Power generators, converters, heavy equipment and aircraft on the adjacent ramp are extremely noisy and disruptive to the training. Students must also cross Vandegrift Blvd., MCB Camp Pendleton's main thoroughfare, to walk from their barracks to the classroom space.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If not provided, MCB Camp Pendleton's adequate billeting space deficit will not be reduced. The Minimum Standards of Adequacy (MCO P11000.22) will not be achieved without construction of this facility. Students will continue to be taught in a noisy and disruptive learning environment and will continue to waste man-hours by traveling across Vandegrift Blvd. to attend class.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				5%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00681 MARINE CORPS BASE CAMP PENDLETON CAMP PENDLETON, CALIFORNIA		4. Project Title Bachelor Enlisted Quarters, Chappo (22) Area		
5. Program Element 0206496M	6. Category Code 72124	7. Project Number P991	8. Project Cost (\$000) 14,940	
(H) Energy study/Life cycle analysis performed Yes				
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$531
(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				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
C. FY 2005 R&M Conducted (\$000):				15,645
D. FY 2006 R&M Conducted (\$000):				17,202
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Kent Hedges			Phone No: (703) 725-5641	

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA				4. Command Commander Navy Installations		5. Area Const Cost Index 1.17					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		2627	20694	4427	0	0	0	300	985	0	29033
B. End FY 2012		2565	17291	4429	0	0	0	300	985	0	25570
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(975 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....										738,912	
C. AUTHORIZATION NOT YET IN INVENTORY .....										23,880	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										21,535	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										13,700	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										0	
G. REMAINING DEFICIENCY .....										56,325	
<b>H. GRAND TOTAL .....</b>										<b>854,352</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>		<u>(\$000)</u>			
14341	Waterfront Amphibious Operations Facility	06/2005	09/2006	0	LS	21,535					
<b>TOTAL</b>										<b>21,535</b>	
9. Future Projects:											
A. Included In The Following Program:											
72111 Bachelor Enlisted Quarters Homeport Ashore							150695 SF	13,700			
<b>TOTAL</b>										<b>13,700</b>	
B. Major Planned Next Three Years:											
C. R&M Unfunded Requirement (\$000):										437,486	
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, and anti-submarine warfare Helicopter Squadrons. Homeport for three aircraft carriers. Supports the Naval Aviation Depot.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA	4. Command Commander Navy Installations	5. Area Const Cost Index 1.17

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1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA		4. Project Title Waterfront Amphibious Operations Facility		
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WATERFRONT AMPHIBIOUS OPERATIONS FACILITY	LS			8,750
INLS LIFT/LAUNCH PIER (1,206 SF)	m2	112	2,569.96	(290)
PIER 18 FENDERING/IMPROVEMENTS (1,033 SF)	m2	96	8,968.34	(860)
AMPHIBIOUS OPERATIONS FACILITY (30,526 SF)	m2	2,836	1,891.55	(5,360)
PIER 16 REPAIRS/STRUCT UPGRAD (2,411 SF)	m2	224	2,119.12	(470)
QUAYWALL REPAIR AND FENDERING (984 LF)	m	300	2,597.46	(780)
NMCI INFASTRUCTURE (291 SF)	m2	27	3,000	(80)
BUILT-IN EQUIPMENT	LS			(10)
TECHNICAL OPERATING MANUALS	LS			(80)
INFORMATION SYSTEMS	LS			(190)
ANTI-TERRORISM/FORCE PROTECTION	LS			(370)
SPECIAL COSTS	LS			(260)
SUPPORTING FACILITIES				9,980
SPECIAL CONSTRUCTION FEATURES	LS			(30)
SPECIAL FOUNDATION FEATURES	LS			(2,910)
ELECTRICAL UTILITIES	LS			(530)
MECHANICAL UTILITIES	LS			(1,170)
PAVING AND SITE IMPROVEMENTS	LS			(4,160)
SITE PREPARATIONS	LS			(80)
DEMOLITION	LS			(200)
ENVIRONMENTAL MITIGATION	LS			(430)
ANTI-TERRORISM/FORCE PROTECTION	LS			(390)
OUTSIDE COMMUNICATION LINES	LS			(80)
SUBTOTAL				18,730
CONTINGENCY (5%)				940
TOTAL CONTRACT COST				19,670
SIOH (5.7%)				1,120
SUBTOTAL				20,790
DESIGN/BUILD - DESIGN COST				750

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA		4. Project Title Waterfront Amphibious Operations Facility		
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	
TOTAL REQUEST ROUNDED				21,540
TOTAL REQUEST				21,535
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(100,348)
<b>10. Description of Proposed Construction</b>				
<p>This project constructs a waterfront amphibious operations facility that consolidates major functions of Amphibious Construction Battalion ONE (ACB-1), including operations command and control, vehicle maintenance and operational storage.</p> <p>Facility will be a two story building with anti-terrorism/force protection measures; HVAC; fire protection system; and utilities/site lighting. Project will also include quaywall repairs and fendering for safety and operational requirements and a laydown/storage area for the current causeway system and the new Improved Navy Lighterage System (INLS) for ACB-1 and Expeditionary Warfare Training Group, Pacific (EWTGPAC). The storage area will be reinforced structurally to support the INLS modules. This storage area is located on an Installation Restoration (IR) site but will be suitable for the intended operational/industrial storage utilization once capped during construction. The laydown yard reinforcements and quaywall repairs are in alignment with environmental recommendations for working on IR sites. A transportation yard, improvements to Pier 18 (fendering, bollards and safety measures), ensuring structural stability of Pier 16 and the construction of a new finger pier to support INLS operations are included in this project. ACB-1 Operations functions are currently located in 33,000 SF of diverted Bachelor Enlisted Quarters (BEQ) spaces. The consolidated operations and maintenance facility allows ACB-1 to vacate the diverted (BEQ) facility which assists in reducing the current Naval Base Coronado deficiency of beds.</p> <p>Building 306 (inadequate vehicle maintenance shop) will be demolished (9,600 SF; 892 m2) to provide space for the new consolidated operations and maintenance facility.</p> <p>Built-in equipment includes compressed air units.</p> <p>Special Costs include seismic adjustments.</p> <p>Special Construction Features include barges for pile transportation.</p> <p>The project is in compliance with current seismic requirement.</p>				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA			4. Project Title Waterfront Amphibious Operations Facility	
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	
<p>Anti-terrorism/Force Protection standards will be integrated into the design, development, and construction of the project in accordance with UFC 4-010-01, "DoD Minimum Antiterrorism Standards for Buildings", dated 8 Oct 2003.</p> <p>Sustainable design will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other directives.</p> <p>INLS Equipment will be funded by other procurement funds (OPN).</p>				
<p><b>11. Requirement: Adequate: Substandard:</b></p> <p><b>PROJECT:</b></p> <p>This project constructs an adequate lift/launch lighterage facility and waterfront operational facilities to support the new Improved Navy Lighterage System (INLS), which will phase out the current Navy Lighterage (NL) system. The INLS is comprised of both powered and non-powered modules that are connected together to form floating platforms and are essential to Amphibious Construction Battalion ONE (ACB-1) and Expeditionary Warfare Training Group, Pacific (EWTGPAC) Logistics Over The Shore mission accomplishment. INLS modules will be stored, utilized and maintained by ACB-1 and EWTGPAC at Naval Base Coronado, Naval Amphibious Base, Coronado, California.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide adequate and efficiently configured facilities in support of the Department of Defense INLS acquisition program and fleet support for amphibious landing operations. This program will procure and deliver powered and non-powered causeway modules to ACB-1 and Expeditionary Warfare Training Group, Pacific (EWTGPAC) over a three year period, beginning in FY05 to replace the existing Navy Lighterage system.</p> <p>The new lighterage system is a necessary component of Logistics Over the Shore (LOTS) operations, which is a national strategic initiative directly supporting littoral warfare. Military amphibious forces typically carry only enough supplies to last the initial phase of a landing operation. The causeway systems, therefore, are critical to the discharge of cargo, war fighting material and personnel from Strategic Sealift and Afloat Maritime Pre-position force ships to the shore in the event that a port is denied, degraded or unavailable for use. Success requires that these assets are able to be deployed rapidly and sustained as long as necessary. One dramatic disadvantage of the current NL system is that it is sea state limited. The performance of the NL system degrades under certain ocean</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA		4. Project Title Waterfront Amphibious Operations Facility		
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	

conditions. The new Improved Navy Lighterage System (INLS) will be capable of operation in a greater number of conditions.

ACB-1 is the sole unit of its type in the Pacific Theater. Success of Assault Follow-On Echelon (AFOE) operations, Maritime Prepositioning Force (MPF) operations, and Rear Echelon support for deployed forces depend solely on EWTGPAC's ability to effectively train ACB-1 personnel, and for both commands to have the ability to effectively maintain and operate the system that supports the mission. Accommodating INLS facility requirements is critical to the success of future AFOE missions.

The current lighterage system will be phased from ACB-1 and EWTGPAC inventory over time. However, both commands will be in possession of both the current NL modules and the INLS modules for at least three years.

**CURRENT SITUATION:**

Naval Amphibious Base (NAB) Coronado is the homeport for Amphibious Construction Battalion ONE (ACB-1). The mission of ACB-1 is to provide Fleet Operational support for the movement of military personnel, fuel, water, war-fighting equipment and material from ships to shore in support of amphibious landings and follow-on operations. The main component that enables this transfer from ship to shore is the lighterage system.

EWTGPAC supports the mission of ACB-1 and ACB-2 (located at NAB Little Creek, Norfolk, VA) by providing classroom and underway instruction for ship-to-shore movement of cargo for both active duty and ready reserve personnel. EWTGPAC is tasked with providing training of both the current Navy Lighterage system (NL) and the new INLS system through the transition period (2010).

At present, pier 16 serves as a lift/launch pier (able to support a 150 ton Travelift rubber tired gantry crane), that is used to transport the Navy Lighterage (NL) system from water to land for maintenance purposes for ACB-1 and EWTGPAC. The width of the lift/launch area is currently only capable of handling the 21' wide NL modules. Once moved out of the water, the causeways are transported to the storage yard (approximately 1,500' away) via Tulagi Road using a Travelift. While the causeways are in transit, the road must be shut down to through traffic.

Currently, the NL modules are stored in multiple locations, due to the lack of available space at the ACB-1 site.

Pier 18 is unusable for berthing boats or NL sections due to the lack of fendering. Damage to boats or NL sections could result if Pier 18 were to

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA			4. Project Title Waterfront Amphibious Operations Facility	
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	
<p>be used in its current condition, limiting the ability of ACB-1 or EWTGPAC to perform its mission.</p> <p>Vehicle maintenance and operational storage for ACB-1 is limited. Building 306, built in 1972 as a temporary facility, provides inadequate storage space and maintenance shop working conditions. Equipment and spare parts must be stored in CONEX boxes, taking up valuable space in the vehicle yard and waterfront laydown area. In addition, ACB-1 was displaced from their operational command and control facility in 1994 to accomodate another construction project. ACB-1 moved its operational functions to Building 322, a Bachelor Enlisted Quarters (BEQ) facility. ACB-1 was granted a four year diversion for this move, which expired on Sep 1998. A second waiver was approved at that time, extending the diversion to 2005. Commander, Pacific Fleet will not extend the waiver beyond 2005, therefore ACB-1 is required to move from the BEQ to help accommodate Naval Base Coronado's bed shortfall associated with the Navy's "homeport ashore" initiative to move shipboard sailors ashore.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The INLS will begin to arrive in June 2005 for operational evaluation purposes. At that time, ACB-1 will receive training from EWTGPAC on the use and maintenance of the modules. ACB-1 and EWTGPAC will not have a means to move the units from the water to land for maintenance or training purposes. These units are wider than the current NL system and not able to be handled using the current facilities, impacting mission requirements. One alternative is to use a Public Works Center floating crane to move the systems from water to land. This option, however, may be limited due to the capacity of the crane and cost. The floating crane's lift capacity is 112 tons, limiting its operations to the non-powered modules. In addition, using the floating crane is not a feasible option due to the excessive cost of operations. Lastly, the priority of the crane would be for the onloading/offloading of the ships berthed at Naval Base San Diego. Using the crane for a short-term solution will be feasible. However, as demonstrated in the Economic Analysis, this is not a feasible long-term solution as it adds an additional \$1.1M per year to the operating cost of INLS.</p> <p>In addition, there is insufficient space for EWTGPAC and ACB-1 to store both the current NL systems and the new INLS modules in the water. Locating either all of the INLS modules or NL sections off-site at Naval Radio Relay Facility (NRRF) is not a feasible option. This location lacks the necessary maintenance facilities, requiring that the modules/sections be transported back to Naval Amphibious Base (NAB) for maintenance and repair. Locating the INLS or NL modules off-site would also require</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA		4. Project Title Waterfront Amphibious Operations Facility		
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	
<p>additional trips to NAB for training exercises. NRRF lacks adequate pier space to store the modules in the water. Should the modules be stored in the water, the operating and maintenance costs of INLS would increase an estimated \$50M over the 20 year life of the system.</p> <p>Without proper facilities to support INLS, EWTGPAC's ability to train ACB-1 and ACB-2 personnel will be severely handicapped. Training Navy personnel is essential to national defense and very costly in terms of manhours and materials. Training for this national strategic initiative cannot be effectively performed without proper facilities to support INLS training requirements.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				082005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$560
(A) Production of Plans and Specifications				\$480
(B) All other Design Costs				\$80
(C) Total				\$560
(D) Contract				\$80
(E) In-House				\$480
4. Contract Award				012007
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
INLS Equipment		OPN	2007	99,700
PSE		OPN	2007	648
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA			4. Project Title Waterfront Amphibious Operations Facility	
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	
<p>joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p> <p>Activity POC: CDR J. Washington, NBC                      Phone No: (619) 545-1113 Public Works Officer</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00246 NAS NORTH ISLAND CORONADO, CALIFORNIA			4. Project Title Waterfront Amphibious Operations Facility	
5. Program Element 0203176N	6. Category Code 14341	7. Project Number P739	8. Project Cost (\$000) 21,535	
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 06 FEB 2006			
3. Installation and Location: M67865 MARINE CORPS AIR STATION MIRAMAR SAN DIEGO, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.13				
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	98	835	251	49	56	0	865	6666	529
B. End FY 2012	73	551	329	54	36	41	1084	7420	1398	10986
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(22941 Acres)										
B. INVENTORY AS OF 30 Sep 2005 ..... 2,687,964										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 10,749										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 2,968										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 4,249										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 20,721										
G. REMAINING DEFICIENCY ..... 60,078										
H. <b>GRAND TOTAL</b> ..... <b>2,786,729</b>										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
42172	Missile Magazines	06/2005	09/2006		519 m2	2,968				
<b>TOTAL</b>						<b>2,968</b>				
9. Future Projects:										
A. Included In The Following Program:										
73010 Fire Station Satellite						11216 SF	4,249			
<b>TOTAL</b>						<b>4,249</b>				
B. Major Planned Next Three Years:										
21105 West Gate Expansion						LS	5,852			
73076 Military Working Dog Operations Facility						6771 SF	2,846			
85110 Road Expansion - East Miramar						LS	3,648			
21420 MACG-38 Facilities						LS	8,375			
<b>TOTAL</b>						<b>20,721</b>				
C. R&M Unfunded Requirement (\$000): 30,680										
10. Mission or Major Functions:										
To maintain and operate facilities provide services and material and support the operation of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M67865 MARINE CORPS AIR STATION MIRAMAR SAN DIEGO, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.13

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR SAN DIEGO, CALIFORNIA			4. Project Title Missile Magazine		
5. Program Element 0206496M	6. Category Code 42172	7. Project Number P027	8. Project Cost (\$000) 2,968		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
MISSILE MAGAZINE (5,586 SF)		m2	519		1,560
MISSILE MAGAZINE (5,586 SF)		m2	519	2,601.84	(1,350)
TECHNICAL OPERATING MANUALS		LS			(20)
SPECIAL COSTS		LS			(190)
SUPPORTING FACILITIES					1,020
ELECTRICAL UTILITIES		LS			(40)
MECHANICAL UTILITIES		LS			(40)
PAVING AND SITE IMPROVEMENTS		LS			(710)
SITE PREPARATIONS		LS			(170)
ENVIRONMENTAL MITIGATION		LS			(60)
SUBTOTAL					2,580
CONTINGENCY (5%)					130
TOTAL CONTRACT COST					2,710
SIOH (5.7%)					150
SUBTOTAL					2,860
DESIGN/BUILD - DESIGN COST					100
TOTAL REQUEST ROUNDED					2,960
TOTAL REQUEST					2,968
<b>10. Description of Proposed Construction</b>					
<p>Construct a reinforced concrete high explosive (HE) box-type "C," earth covered and barricaded magazine with seismic upgrades, loading dock, and retaining walls. Technical Operating Manuals will also be provided for this project. Special costs include seismic construction, phasing costs for weapons loading and unloading, conduit and circuit breakers for physical security equipment (PSE). Electrical systems include lightning protection, fire alarm, and exterior lighting. Mechanical systems include ventilation.</p> <p>Supporting facilities include storm drain system and electrical connections for the Intrusion Detection System (IDS). Paving and site improvements include seeding and fertilizer, geo-web fabric, relocation and repair of fencing, and reinforced concrete paving. Site preparations include the construction of a crib wall, Best Management Practices (BMP), and Storm Water Pollution Prevention Plan (SWPPP). Environmental mitigation includes monitoring, restoration, and maintenance of Coastal Sage Brush. Sustainable design features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders.</p>					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR SAN DIEGO, CALIFORNIA		4. Project Title Missile Magazine		
5. Program Element 0206496M	6. Category Code 42172	7. Project Number P027	8. Project Cost (\$000) 2,968	
<p><b>11. Requirement:</b>      <u>519 m2</u>    <b>Adequate:</b>      <u>0 m2</u>    <b>Substandard:</b>      <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Constructs one box-type "C," earth covered and barricaded missile magazine at the East Miramar ammunition area.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>With the transition of NAS Miramar to MCAS Miramar, a deficiency in the required amount of high explosive magazine space was identified. This project is required to satisfy the deficiency and provide safe and secure storage of high explosives.</p> <p><b>CURRENT SITUATION:</b></p> <p>MCAS Miramar's new designation as an Aerial Port of Embarkation (APOE) in support of I MEF Operational commitments on Class V (A) and (W) ammunition is demanding and vital to mission success. This impacts available space for the mass flow of ammunition that is pushed into Miramar and ultimately will be shipped out when directed. I MEF's MAGTF Enhancement Package (MEP), an ammunition package consisting of Class V (A) and (W), is presently stored at Naval Weapons Station Seal Beach and Fallbrook. These weapons must be relocated to MCAS Miramar for expeditious movement as needed. The types and quantities of existing magazines do not provide an adequate environment or sufficient amount of space for the safe, efficient handling and storage of missiles and high explosives.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>MCAS Miramar will continue to have a high explosive (HE) magazine space deficiency and an inadequate environment for safe, efficient handling and storage of ammunition and high explosives. Operations will be limited by the lack of appropriate ammunition storage facilities.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR SAN DIEGO, CALIFORNIA		4. Project Title Missile Magazine		
5. Program Element 0206496M	6. Category Code 42172	7. Project Number P027	8. Project Cost (\$000) 2,968	
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(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:				Yes
(B) Where Design Was Previously Used:				P-023 at MCAS Miramar
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$116
(A) Production of Plans and Specifications				\$87
(B) All other Design Costs				\$29
(C) Total				\$116
(D) Contract				\$87
(E) In-House				\$29
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Tracy Bradley ESO			Phone No: 858-577-8868	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION MIRAMAR SAN DIEGO, CALIFORNIA		4. Project Title Missile Magazine	
5. Program Element 0206496M	6. Category Code 42172	7. Project Number P027	8. Project Cost (\$000) 2,968
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006			
3. Installation and Location: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.29				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09/30/05		280	1498	1454	5	1832	0	464	7541	22
B. End FY 2012		96	531	726	10	2597	1	659	8013	1507
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(605602 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										3,371,597
C. AUTHORIZATION NOT YET IN INVENTORY .....										54,776
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										8,217
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										42,104
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										150,374
G. REMAINING DEFICIENCY .....										205,721
<b>H. GRAND TOTAL .....</b>										<b>3,832,789</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
21710	Comm /Elec Maintenance & Storage Facility	06/2005	09/2006	3238 m2	8,217					
<b>TOTAL</b>					<b>8,217</b>					
9. Future Projects:										
A. Included In The Following Program:										
*83315	Waste Handling & Recovery Facility			LS	13,839					
72111	Bachelor Enlisted Quarters & Parking Structur			0 LS	23,986					
21710	Comm/Elec Maintenance & Storage			34854 SF	4,279					
<b>TOTAL</b>					<b>42,104</b>					
B. Major Planned Next Three Years:										
17110	MCCES Classroom			0 LS	26,505					
17950	MOU Facility Phase 2			LS	21,043					
17930	LAV Firing Range			LS	14,630					
72111	Student Processing Center			1 PN	5,792					
72124	Bachelor Enlisted Quarters & Parking Stucture			395552 SF	27,036					
17135	Multi-Purpose Tank Course			LS	11,505					
44111	MCCES Bulk Supply Warehouse			12002 SF	2,016					
72111	Bachelor Enlisted Quarters			247193 SF	23,712					
61072	Battalion & Company Headquarters			LS	13,722					
21710	Comm/Elec Maintenance & Storage			LS	4,413					
<b>TOTAL</b>					<b>150,374</b>					
C. R&M Unfunded Requirement (\$000):										76,240
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.										

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006				
3. Installation and Location: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.29				
<p>To provide combined arms training for Fleet Marine Force units, both active and reserve.</p> <p>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.</p>						
<p>11. Outstanding Pollution and Safety Deficiencies (\$000):</p> <table data-bbox="224 569 1430 636"> <tr> <td data-bbox="224 569 1323 600">A. Pollution Abatement(*):</td> <td data-bbox="1323 569 1430 600">13,839</td> </tr> <tr> <td data-bbox="224 604 1323 636">B. Occupational Safety and Health(OSH)(#):</td> <td data-bbox="1323 604 1430 636">0</td> </tr> </table>			A. Pollution Abatement(*):	13,839	B. Occupational Safety and Health(OSH)(#):	0
A. Pollution Abatement(*):	13,839					
B. Occupational Safety and Health(OSH)(#):	0					

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA			4. Project Title Comm/Elec Maintenance & Storage Fac		
5. Program Element 0805796M		6. Category Code 21710	7. Project Number P910	8. Project Cost (\$000) 8,217	
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
COMM/ELEC MAINTENANCE & STORAGE FAC (34,854 SF)		m2	3,238		5,920
STORAGE (24,649 SF)		m2	2,290	1,187.87	(2,720)
MAINTENANCE SHOP (10,204 SF)		m2	948	2,222.45	(2,110)
TECHNICAL OPERATING MANUALS		LS			(70)
INFORMATION SYSTEMS		LS			(150)
ANTI-TERRORISM/FORCE PROTECTION		LS			(130)
SPECIAL COSTS		LS			(740)
SUPPORTING FACILITIES					1,250
SPECIAL CONSTRUCTION FEATURES		LS			(80)
SPECIAL FOUNDATION FEATURES		LS			(80)
MECHANICAL UTILITIES		LS			(230)
PAVING AND SITE IMPROVEMENTS		LS			(240)
DEMOLITION		LS			(370)
ELEC UTILITIES		LS			(250)
SUBTOTAL					7,170
CONTINGENCY (5%)					360
TOTAL CONTRACT COST					7,530
SIOH (5.7%)					430
SUBTOTAL					7,960
DESIGN/BUILD - DESIGN COST					290
TOTAL REQUEST ROUNDED					8,250
TOTAL REQUEST					8,217
<b>10. Description of Proposed Construction</b>					
<p>The project will construct a single story building for use as a consolidated electronics and communications maintenance shop and storage facility. The building will meet current seismic code requirements. Building will have roll-up metal doors, shelving for the storage partitioned areas. Facility will consist of administrative offices, maintenance shops, public restrooms, NMCI Telecommunication rooms with separate HVAC system, and storage areas. Electrical systems include fire alarms, security monitoring system, and information systems. Mechanical systems include plumbing, fire protection systems, compressed air system, and heating ventilation and air conditioning (HVAC) system with electronic monitoring and control system per UFC-4-010-01 DOD Minimum Anti-Terrorism</p>					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA		4. Project Title Comm/Elec Maintenance & Storage Fac		
5. Program Element 0805796M	6. Category Code 21710	7. Project Number P910	8. Project Cost (\$000) 8,217	
<p>Standards for building dated 8 Oct. 2003. Supporting facilities work includes site and building utility connections (water, fire line, sanitary sewer, electrical, telecommunication, and local area network). Paving and site improvements include sidewalks with curbs and gutters, roadway access to new facility, earthwork, grading, desert landscaping, and shaded vehicle yards surrounded with security fences and gates. Also included are OMSI manuals, anti-terrorism/force protection measures, repair of storm drainage, repair of existing roadway access to new facility area, demolition of High Temperature/Hot Water (HTHW) lines, and demolition of Bldgs. 1302, 1304, and 1306, including necessary asbestos and lead base paint removal, and clearing of existing underground utilities. All sustainable features will be included in the design, development and construction for the project in accordance with Executive Order 13123 and other laws and executive orders. The construction and siting will comply with DOD Anti-Terrorism and Force Protection Guidance for a primary gathering facility.</p>				
<p><b>11. Requirement:</b> <u>3,238 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>The project will provide a consolidated electronic and communications maintenance shop and unit storage facility. Provides securable space for safeguarding sensitive equipment; permanent, efficient administrative office space; and restroom facilities.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate maintenance and storage facilities for units at Marine Corps Air Ground Training Center (MCAGTC), Twentynine Palms. Replaces existing inadequate pre-engineered metal buildings built in mid-1950s that do not meet the requirements for a communications and electronics mission.</p> <p><b>CURRENT SITUATION:</b></p> <p>Current space requirements for these facilities exceed the current space available, and the buildings to be replaced are inadequate, pre-engineered metal buildings built in mid-1950s that do not meet the current needs of the Training Command. These buildings 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 of construction and set back from adjacent roadways and parking. They are not insulated; lack climate and dust control suitable for electronic equipment use/maintenance; have no permanent administrative space or restroom facilities. Recent increases in energy costs and the reduction of maintenance capabilities have made these dated facilities costly to operate and maintain.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA		4. Project Title Comm/Elec Maintenance & Storage Fac		
5. Program Element 0805796M	6. Category Code 21710	7. Project Number P910	8. Project Cost (\$000) 8,217	
If this project is not provided, personnel will continue to work in crowded, inadequate, and unsafe buildings. Electronic and Communications equipment will deteriorate due to insufficient climate protected space for storage and maintenance.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract			Design Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				NA
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$250
(A) Production of Plans and Specifications				\$150
(B) All other Design Costs				\$100
(C) Total				\$250
(D) Contract				\$50
(E) In-House				\$200
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Tony Martone		Phone No: 760-830-5188		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67399 MARINE CORPS BASE TWENTYNINE PALMS TWENTYNINE PALMS, CALIFORNIA		4. Project Title Comm/Elec Maintenance & Storage Fac	
5. Program Element 0805796M	6. Category Code 21710	7. Project Number P910	8. Project Cost (\$000) 8,217
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006			
3. Installation and Location: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA				4. Command Commander Navy Installations		5. Area Const Cost Index .82				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09/30/05		0	0	0	0	491	0	0	0	0
B. End FY 2012		0	0	0	0	491	0	0	0	0
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..( Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										54,710
C. AUTHORIZATION NOT YET IN INVENTORY .....										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										13,486
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										0
G. REMAINING DEFICIENCY .....										0
<b>H. GRAND TOTAL .....</b>										<b>68,196</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
72114	EOD School BEQ, Eglin AFB	12/2003	03/2006		5394 m2	13,486				
						<b>TOTAL</b>	<b>13,486</b>			
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										0
10. Mission or Major Functions:										
To train officers and enlisted personnel of the Navy, Army, Air Force, and Marine Corps in the best methods and procedures for the recovery, evaluation, and disposal of the surface and underwater explosive ordnance employed by the United States and other nations.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA	4. Command Commander Navy Installations	5. Area Const Cost Index .82

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA			4. Project Title BEQ EOD SCHOOL		
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P904	8. Project Cost (\$000) 13,486		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
BEQ EOD SCHOOL (58,058 SF)		m2	5,393.76		10,590
PRIMARY FACILITY (57,479 SF)		m2	5,340	1,733.7	(9,260)
NMCI SERVICE ROOM (579 SF)		m2	53.76	3,573.96	(190)
BUILT-IN EQUIPMENT		LS			(500)
TECHNICAL OPERATING MANUALS		LS			(150)
INFORMATION SYSTEMS		LS			(140)
ANTI-TERRORISM/FORCE PROTECTION		LS			(350)
SUPPORTING FACILITIES					1,130
SPECIAL FOUNDATION FEATURES		LS			(230)
ELECTRICAL UTILITIES		LS			(260)
MECHANICAL UTILITIES		LS			(180)
PAVING AND SITE IMPROVEMENTS		LS			(360)
SITE PREPARATIONS		LS			(90)
DEMOLITION		LS			(10)
SUBTOTAL					11,720
CONTINGENCY (5%)					590
TOTAL CONTRACT COST					12,310
SIOH (5.7%)					700
SUBTOTAL					13,010
DESIGN/BUILD - DESIGN COST					470
TOTAL REQUEST ROUNDED					13,480
TOTAL REQUEST					13,486
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(1,316)
<b>10. Description of Proposed Construction</b>					
<p>Construction includes a barracks with: HVAC system including individual room controls and conditioned make-up air; complete electrical system to include electrical equipment, wiring and lighting; fire protection system to include sprinklers and fire alarms; communication system to include cable TV in each sleeping room and lounge, data and telephone lines for each occupant in all the sleeping rooms and the central lounge and computer room; an elevator; supporting facilities of parking, pavements, utilities, and other related site work. The construction of this project will provide Anti Terrorism Force Protection (ATFP) and other physical security in</p>					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA		4. Project Title BEQ EOD SCHOOL		
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P904	8. Project Cost (\$000) 13,486	
compliance with the minimum construction standards.				
<b>11. Requirement: Adequate: Substandard:</b>				
<b>PROJECT:</b>				
<p>This project will provide "A" School Bachelor Enlisted Quarters (BEQs) for 240 additional E1-E4 students assigned to EOD School, Eglin AFB. This is an expanded current mission requirement for NAVSCOLEOD that must be satisfied NLT FY 05 in order to meet the additional training mission brought about by DOD's increased requirements for EOD technicians to support the Global War on Terrorism (GWOT).</p>				
<b>(New Mission)</b>				
<b>REQUIREMENT:</b>				
<p>Provide adequate BEQ facility for E1-E4 "A" School students. The Navy Priority Triangle indicates that "A" School students must be housed in government quarters; there are no off base options. [NO OFF BASE OPTION]</p> <p>The events of 9/11 have forever changed the way terrorism will be fought both at home and abroad. Terrorism, attacks on civilian populations and unconventional warfare including attacks with weapons of mass destruction are a constant threat. There is an immediate need for EOD tech skills to be widely disbursed in both DOD and other federal agencies in order to have personnel immediately available to recognize and render safe, ordnance of all types, including weapons of mass destruction. All DOD agencies as well as other government agencies and allied countries have recognized the need to train many more of its personnel in Explosive Ordnance Disposal. This Navy EOD school is the sole source [joint use] for basic EOD training for all DOD agencies. The EOD school has been tasked with increasing its student through-put by 52% by FY 05 based on the 8-11 April 03 ITRO RRA report attached.</p> <p>It is the responsibility of Navy EOD School to provide adequate berthing facilities for those E1-E4 students assigned to "A" School training. The majority of DOD students trained in basic EOD skills are E1-E4. Senior enlisted, officers, and civilian students can reasonably be expected to subsist on the economy and are not a factor in providing housing to accomplish the immediate mission of the EOD school.</p>				
<b>CURRENT SITUATION:</b>				
<p>EOD School has BEQ 851 and 853 assigned for E1-E4 "A" School students at Eglin AFB, FL. The total student berthing capacity of these two buildings is 364 persons. These buildings were constructed in 1988, to the then current "2+2" module configuration, with exterior entry into each room.</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA			4. Project Title BEQ EOD SCHOOL	
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P904	8. Project Cost (\$000) 13,486	
<p>The bedroom space is 154 NSF which does not meet the current "2+2" construction standard of 180 NSF/room or 90 NSF per person. Title 10 of the US Code requires separate housing for male and female students in Basic Military Training (BMT) status. Monitoring to ensure separation of male and female students in the existing BEQ is difficult, if not impossible, considering the exterior doors and stairwells.</p> <p>The only possible work around to provide on base housing for all E1-E4 students within current BEQ facilities would be to add a third person to each already undersized two person room. This work around would produce extreme over crowding with three persons to a room and six persons to a "2+2" module. This would result in approximately 50 GSF per person. Six students would be using a single bathroom. With only four closets in a 2+2 module, a wardrobe would need to be added to each room to accommodate the third person's personal property. This would further exacerbate the overcrowded condition. The overcrowded student berthing would be in direct violation of NAVFAC P-80 requirements, which limit student berthing to four E1-E4 (&lt;4 years) to each module with a net area of 90sf per person. This situation also compromises the individual NAVSCOLEOD student's [QUALITY OF LIFE]. The BEQ manager has obtained a waiver from CNO that temporarily allows these over crowded conditions for short durations of time during surge periods. However, it would be very difficult to move furniture into and out of rooms to accommodate these surges and with a lack of bulk storage for furniture it is likely that once additional furniture was purchased and installed in the room, that it would not be removed and would continue to cause an overcrowded condition in the rooms even during periods of non-surge student loading.</p> <p>In addition to the quality of life issues that would arise from the overcrowded "A" School berthing, the additional students in the modules would increase the normal wear on the building. Maintenance and repair requirements are apportioned based on building footprint, not occupancy loading. The over crowded condition would therefore, add a burden to the already strained maintenance budget of the school.</p> <p>Utilities would also be higher than normal, to account for the additional student loading. Students often bring laptops, radios, TVs, and other electronic equipment that add to the electrical requirements of the rooms. The mechanical systems, including HVAC and plumbing, would be stressed from added users. The HVAC systems for the buildings were designed for guidance loading, but would be supporting approximately 50% more students and would not be able to keep up with the demand. In this humid coastal environment, mold is a constant problem and the added student load to the building would</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA		4. Project Title BEQ EOD SCHOOL		
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P904	8. Project Cost (\$000) 13,486	
make the mold problem worse.				
<b>IMPACT IF NOT PROVIDED:</b>				
<p>NAVSCOLEOD will not be able to provide the DOD with the increased EOD manning required/requested based on lessons learned from the Global War on Terrorism and Operation Iraqi Freedom. Each DOD service requires increased EOD manpower levels to meet current assigned missions. This project, if disapproved, will not permit NAVSCOLEOD to increase student throughput to meet Joint Service Force requirements. Global War on Terrorism will not be supported without additional EOD tech personnel available to respond quickly to terrorist threats. If this project is not funded, the individual NAVSCOLEOD student's [QUALITY OF LIFE] will be compromised. If CNO were to approve a long term waiver of the berthing criteria for this facility, the students would be forced to live in overcrowded and unhealthy dormitories. The buildings will have extensive maintenance and repair costs due to the added wear on the facilities. With over crowded conditions, the student's ability to study outside of class would be diminished since there is no room in the sleeping area for a third desk. The success of the expanded mission of the Navy EOD School would be in jeopardy if they cannot provide adequate housing for the E1-E4 students on base.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				122003
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				032006
(D) Percent Completed as of SEPTEMBER 2005				2%
(E) Percent Completed as of JANUARY 2006				10%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:	"2+2" Room Module, criteria			
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$250
(A) Production of Plans and Specifications				\$170
(B) All other Design Costs				\$80
(C) Total				\$250
(D) Contract				\$80
(E) In-House				\$170
4. Contract Award				122006



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA		4. Project Title BEQ EOD SCHOOL		
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P904	8. Project Cost (\$000) 13,486	
5. Construction Start		022007		
6. Construction Complete		062008		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
CCTV, Intruder Detection System		97.1		
Furniture		1,197.634		
NMCI Equipment		1.5		
NMCI Service Connection Fee		20		
C. FY 2005 R&M Conducted (\$000):				
D. FY 2006 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
Captain James M Melesky, NAVSCOLEOD USN, certifies that this project is a joint use facility.				
Activity POC:		Phone No:		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N00204 NAVAL AIR STATION PENSACOLA EGLIN A.F.B., FLORIDA		4. Project Title BEQ EOD SCHOOL	
5. Program Element 0203276N	6. Category Code 72114	7. Project Number P904	8. Project Cost (\$000) 13,486
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N00207 NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA				4. Command Commander Navy Installations		5. Area Const Cost Index .91					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		1693	8310	5904	0	0	0	166	521	0	16594
B. End FY 2012		1534	6303	5904	0	0	0	166	521	0	14428
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(3881 Acres)											
B. INVENTORY AS OF 30 Sep 2005 ..... 1,973,148											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 51,179											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 43,250											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 8,491											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 32,908											
G. REMAINING DEFICIENCY ..... 160,834											
H. <b>GRAND TOTAL</b> ..... <b>2,269,810</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
21105	Helicopter Hangar Replacement Inc 2 of 2	09/2003	11/2005		19075 m2	43,250					
						<b>TOTAL</b>	<b>43,250</b>				
9. Future Projects:											
A. Included In The Following Program:											
11320 Aircraft Parking Apron						55559 SY	8,491				
						<b>TOTAL</b>	<b>8,491</b>				
B. Major Planned Next Three Years:											
21196 Aircraft Parts Staging Facility						8008 SF	2,118				
72121 Bachelor Enlisted Quarters						110072 SF	22,521				
21152 Ordnance Operations Facility						17007 SF	3,455				
73020 Public Safety Facility						23196 SF	4,814				
						<b>TOTAL</b>	<b>32,908</b>				
C. R&M Unfunded Requirement (\$000): 140,896											
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, land-based ASW squadrons, Helicopter ASW Squadrons, Naval Air Reserve Unit Two, Fleet Readiness 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 NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N00207 NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA	4. Command Commander Navy Installations	5. Area Const Cost Index .91

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N00207 NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA		4. Project Title Helicopter Hanger Replacement Inc 2 of 2	
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P312A	8. Project Cost (\$000) Auth 0 Approp 43,250 Auth for Approp 43,250

**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
HELICOPTER HANGER REPLACEMENT INC 2 OF 2 (205,322 SF)	m2	19,075		43,080
MAINTENANCE HANGAR (203,287 SF)	m2	18,886	1,800	(33,990)
NMCI SERVICE ROOM (2,034 SF)	m2	189	1,999.5	(380)
WASH RACK	LS			(1,500)
NEW PAINT BOOTH BLDG 124	LS			(5,000)
BUILT-IN EQUIPMENT	LS			(230)
TECHNICAL OPERATING MANUALS	LS			(300)
INFORMATION SYSTEMS	LS			(480)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,200)
SUPPORTING FACILITIES				33,980
SPECIAL CONSTRUCTION FEATURES	LS			(330)
SPECIAL FOUNDATION FEATURES	LS			(4,300)
ELECTRICAL UTILITIES	LS			(2,010)
MECHANICAL UTILITIES	LS			(1,200)
PAVING AND SITE IMPROVEMENTS	LS			(7,340)
DEMOLITION	LS			(10,470)
ENVIRONMENTAL MITIGATION	LS			(8,330)
SUBTOTAL				77,060
CONTINGENCY (5%)				3,850
TOTAL CONTRACT COST				80,910
SIOH (5.7%)				4,610
SUBTOTAL				85,520
DESIGN/BUILD - DESIGN COST				3,080
LESS INCREMENT I FUNDING	LS			-44,795
TOTAL REQUEST ROUNDED				43,805
TOTAL REQUEST				43,250
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,530)

**10. Description of Proposed Construction**

Construct one - five module Type I aircraft maintenance hangar. Construct above ground storage tanks for aqueous film forming foam discharge, five

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00207 NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA			4. Project Title Helicopter Hanger Replacement Inc 2 of 2	
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P312A	8. Project Cost (\$000) Auth 0 Approp 43,250 Auth for Approp 43,250	
<p>4.5 metric ton bridge cranes and support facilities. Additional items include information systems, compressed air system, 400 Hz power distribution system, air conditioning and heating systems for personnel spaces, an aircraft striping and paint booth, and a sonar test tank. Project will also demolish and replace failed aircraft parking apron, provide new tie-downs and grounding points, provide new aircraft pavement markings, and install new security fencing with pedestrian turnstiles/gates and vehicle gates. An outdoor aircraft washrack with apparatus shed will be included. Anti-Terrorism/Force Protection design and construction will be a part of this project. Sustainable design will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other directives. Included in the project will be the demolition of existing hangars 122 and 123 (19,757 M2) and the provision of vehicle parking for 933 vehicles. Due to the location of the project on a known soil contamination site, provisions for analysis, containment, and disposal of contaminated subsurface materials will be included in the project. Built-in equipment includes a weapons vault.</p>				
<p><b>11. Requirement:</b> <u>19,075 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>This project will construct a single hangar facility with five Type I modules and demolish two WWII-era seaplane Hangars 122 and 123 to accommodate the introduction of new MH-60 R/S aircraft.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate maintenance hangar space and aircraft parking apron are required to support fleet helicopter squadrons and aircraft. Four helicopter squadrons (HS) are currently housed in Hangar 123, and one HS squadron and a reserve HS squadron are currently housed in Hangar 124. The Naval Helicopter Transition Team recently approved a plan that would replace five existing active duty SH-60 helicopter squadrons with two CVW R squadrons and one EXP squadron that would operate new MH-60R/S helicopters at NAS Jacksonville. This project is required to provide adequate hangar space to house the new MH-60 R/S squadrons, and also accommodate an existing reserve HS-60 squadron and Integrated Maintenance Program (IMP) space associated with the above requirements. The total projected loading for the MH-60 R/S post-transition period is 58 aircraft and 1206 personnel.</p> <p><b>CURRENT SITUATION:</b></p> <p>Hangars 122, 123, and 124 are WWII-era seaplane hangars that were constructed in 1941 and have exceeded the end of their useful service lives, and the parking apron between these hangars has failed. The Naval</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00207 NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA		4. Project Title Helicopter Hanger Replacement Inc 2 of 2		
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P312A	8. Project Cost (\$000) Auth 0 Approp 43,250 Auth for Approp 43,250	
<p>Helicopter Transition Team Concept of Operations (CONOPS) calls for replacement of the existing active duty HS squadrons with new CVW R and EXP squadrons equipped with new MH-60R/S helicopters. Hangars 123 and 124 are not configured to accommodate the new types of squadrons. Additionally, these hangars have significant mechanical, electrical, and structural problems that increase with every year they remain in service. Also, the existing hangars fail to meet current life safety/fire protection standards and are located in close proximity to existing taxiways and taxi lanes in violation of current Federal Aviation Administration (FAA) and Naval Air Systems Command airfield design/safety criteria. Finally, the current inefficient layout of the hangars/ramp space fails to provide adequate vehicular parking for the operational personnel assigned. This project would relocate Naval Aviation Depot from Hangar 122 to Hangar 124, demolish Hangars 122 and 123, and construct a modern, efficient hangar on the site of Hangars 122 and 123 to meet the new MH-60 R/S requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The new MH-60 R/S aircraft will be housed in inadequate hangars that do not meet acceptable standards for continued service, fail to meet current FAA/NAVAIR safety criteria, and generally pose significant aviation and public safety concerns due to their age and condition. The Navy will invest in excess of one billion dollars on new aircraft, but house them in inadequate facilities that have exceeded their economic life, thereby posing unacceptable operational risks involving potential loss of life and/or property damage.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092003
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				112005
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$580
(A) Production of Plans and Specifications				\$500
(B) All other Design Costs				\$80

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00207 NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA			4. Project Title Helicopter Hanger Replacement Inc 2 of 2	
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P312A	8. Project Cost (\$000) Auth 0 Approp 43,250 Auth for Approp 43,250	
(C) Total				\$580
(D) Contract				\$80
(E) In-House				\$500
4. Contract Award				022006
5. Construction Start				042006
6. Construction Complete				092007
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
Bridge Cranes		OPN	2007	1,500
IDS (Briefing Rooms)		OPN	2006	30
JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Jim Morgan			Phone No: (904)-542-2119	



1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 06 FEB 2006				
3. Installation and Location: M67004 MARINE CORPS LOG BASE in JACKSONVILLE, FL ALBANY, GEORGIA					4. Command Commandant of the Marine Corps			5. Area Const Cost Index .84				
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
A. As Of 09/30/05		17	103	821	0	0	0	0	21	2	964	
B. End FY 2012		17	87	830	0	0	0	0	5	2	941	
<b>7. INVENTORY DATA (\$000)</b>												
A. TOTAL ACREAGE, BLOUNT ISLAND, JACKSONVILLE, FL .(1390 Acres)												
B. INVENTORY AS OF 30 Sep 2005 .....											191,693	
C. AUTHORIZATION NOT YET IN INVENTORY .....											0	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											0	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											5,580	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											4,160	
G. REMAINING DEFICIENCY .....											47,010	
<b>H. GRAND TOTAL .....</b>											<b>248,443</b>	
8. Projects Requested In This Program												
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>							
9. Future Projects:												
A. Included In The Following Program:												
15430 Slipway Barrier							LS	1,680				
61010 Port Operations Facility							LS	3,900				
							<b>TOTAL</b>	<b>5,580</b>				
B. Major Planned Next Three Years:												
73025 Main Gate Improvements (Blount Island)							LS	4,160				
							<b>TOTAL</b>	<b>4,160</b>				
C. R&M Unfunded Requirement (\$000):												
											0	
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 NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M67004 MARINE CORPS LOG BASE in JACKSONVILLE, FL ALBANY, GEORGIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index .84

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M67004 MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA			4. Project Title Land Acq Blount Is Jacksonville FL-Settlement		
5. Program Element 0712896M	6. Category Code 91110	7. Project Number P001A	8. Project Cost (\$000) 62,000		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
LAND ACQ BLOUNT IS JACKSONVILLE FL- SETTLEMENT		AC	1,089		109,160
LAND ACQUISITION (BLOUNT ISLAND)		AC	1,089	100,238.8	(109,160)
SUBTOTAL					109,160
CONTINGENCY (0%)					0
TOTAL CONTRACT COST					109,160
SIOH (0%)					0
SUBTOTAL					109,160
1. ORIGINAL PROJECT SIOH		LS			6,551
2. FEDERAL COURT JUDGMENT		LS			56,230
3. CONTINGENCY JUDGMENT INTEREST		LS			5,770
4. LESS INCREMENT 1 FUNDING (FY 2004)		LS			-115,711
TOTAL REQUEST ROUNDED					62,000
TOTAL REQUEST					62,000
<b>10. Description of Proposed Construction</b>					
Acquisition of interests in approximately 1,089 acres of land and facilities at Blount Island in Jacksonville, Florida.					
<b>11. Requirement:</b>					
<b>PROJECT:</b>					
Under the original Blount Island land acquisition project P001, the US Government initiated the acquisition process to acquire the 1,089 acres now known as Blount Island from Gate Maritime Properties. P001 was authorized and appropriated for \$115,711,000. After several months of negotiation and deliberations, it was determined that an agreement between the Government and Gate Maritime Properties was not possible. It was decided that the Government would exercise its power/rights of eminent domain and acquire the property through a taking, which was issued by the Department of Justice on 12 August 2004. Under the eminent domain process Gate Maritime was provided, based on the appraised value at the time, what the Government considered to be fair compensation in the amount of \$105,770,000. Gate Maritime Properties disagreed with compensation and in turn took the US Government and Marine Corps to court.					
The case trial was from 31 Oct to 15 Nov 2005. Upon hearing all the arguments, the jury returned a favorable verdict to Gate Maritime and determined that the fair market value for the property acquired by the US Government was \$162,000,000 and that the Government owes Gate Maritime					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67004 MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA		4. Project Title Land Acq Blount Is Jacksonville FL-Settlement		
5. Program Element 0712896M	6. Category Code 91110	7. Project Number P001A	8. Project Cost (\$000) 62,000	
<p>Properties the difference of \$56,230,000 plus interest from the date of the taking. P001A is for the \$56,230,000 balance due and appropriate interest.</p> <p>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.</p> <p>Three MPS squadrons, consisting of 16 ships, provide the Nation a unique, operationally ready, geo-strategically prepositioned capability. Blount 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.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>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).</p> <p>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</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67004 MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA		4. Project Title Land Acq Blount Is Jacksonville FL-Settlement		
5. Program Element 0712896M	6. Category Code 91110	7. Project Number P001A	8. Project Cost (\$000) 62,000	
<p>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.</p> <p><b>CURRENT SITUATION:</b></p> <p>The Marine Corps acquired the property through a taking on 12 August 2005. 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 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 newly acquired property 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.</p> <p>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.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Marine Corps will continue to own the facilities and property and the interest due to Gate Maritime Properties will continue to compound. Ownership of Blount Island satisfies current and future MPF requirements. Completing the acquisition of Blount Island is the most cost effective solution for the Nation and the Marine Corps.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date Design or Parametric Cost Estimate Started</p> <p>(B) Date 35% Design or Parametric Cost Estimate Complete</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67004 MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA		4. Project Title Land Acq Blount Is Jacksonville FL-Settlement		
5. Program Element 0712896M	6. Category Code 91110	7. Project Number P001A	8. Project Cost (\$000) 62,000	
<p>(C) Date Design Completed</p> <p>(D) Percent Completed as of SEPTEMBER 2005</p> <p>(E) Percent Completed as of JANUARY 2006</p> <p>(F) Type of Design Contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy study/Life cycle analysis performed</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design:</p> <p>(B) Where Design Was Previously Used:</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$0</p> <p>(A) Production of Plans and Specifications</p> <p>(B) All other Design Costs</p> <p>(C) Total \$0</p> <p>(D) Contract</p> <p>(E) In-House</p> <p>4. Contract Award</p> <p>5. Construction Start</p> <p>6. Construction Complete</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended.</p> <p>Activity POC: Kim Weisenburger Phone No: 904-696-5154</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006		
3. Installation and Location: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA					4. Command Commander Navy Installations		5. Area Const Cost Index .98			
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	529	4660	1635	0	128	0	101	399	0
B. End FY 2012	430	4432	1632	0	128	0	101	399	0	7122
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(16616 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										2,219,898
C. AUTHORIZATION NOT YET IN INVENTORY .....										30,510
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										20,282
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										15,853
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										174,360
G. REMAINING DEFICIENCY .....										418,600
<b>H. GRAND TOTAL .....</b>										<b>2,879,503</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
14347	Reaction Force Fac Auxiliary Support Complex	12/2004	09/2006	3789 m2	13,648					
14347	Waterfront Security Force Facility	12/2004	09/2006	1309 m2	6,634					
<b>TOTAL</b>										<b>20,282</b>
9. Future Projects:										
A. Included In The Following Program:										
15964	Marine Mammal Facility			LS	9,019					
14347	Reaction Force Facility Communications Addn			4600 SF	1,323					
87210	Waterfront Security Barriers			15000 LF	5,511					
<b>TOTAL</b>										<b>15,853</b>
B. Major Planned Next Three Years:										
21250	Ltd Area Processing & Strg Complex Addn			82118 SF	56,000					
16910	WRA Land/Water Interface			LS	8,277					
93210	Convoy Route Protection System			LS	37,577					
42182	Hardened Mated Missile Magazines			96875 SF	48,433					
87210	Limited Area PIDAS			11332 LF	24,073					
<b>TOTAL</b>										<b>174,360</b>
C. R&M Unfunded Requirement (\$000):										34,612
10. Mission or Major Functions:										
Provides consolidated management of multiple Naval activities which support the Trident submarine program. Tenant commands include Submarine squadrons, Strategic Weapons Facility Atlantic, the Trident Refit Facility and the Trident Training Facility. Supporting commands include medical and dental centers, personnel and legal support and public works support.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA	4. Command Commander Navy Installations	5. Area Const Cost Index .98
B. Occupational Safety and Health(OSH)(#):		0



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA			4. Project Title Reaction Force Fac Auxiliary Support Complex	
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P596	8. Project Cost (\$000) 13,648	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
REACTION FORCE FAC AUXILIARY SUPPORT COMPLEX (40,788 SF)	m2	3,789.3		7,410
AUX REACTION FORCE FACILITY (13,993 SF)	m2	1,300	2,177.67	(2,830)
SMALL ORDNANCE MAGAZINE (8,019 SF)	m2	745	1,849.06	(1,380)
ARMORED FIGHTING VEH OPERATIONAL STORAGE FACILITY (16,146 SF)	m2	1,500	1,026.62	(1,540)
ARMORY (2,530 SF)	m2	235	2,125.02	(500)
NMCI (100 SF)	m2	9.3	3,000	(30)
BUILT-IN EQUIPMENT	LS			(270)
TECHNICAL OPERATING MANUALS	LS			(130)
INFORMATION SYSTEMS	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(540)
SPECIAL COSTS	LS			(40)
SUPPORTING FACILITIES				4,880
SPECIAL FOUNDATION FEATURES	LS			(810)
ELECTRICAL UTILITIES	LS			(980)
MECHANICAL UTILITIES	LS			(840)
PAVING AND SITE IMPROVEMENTS	LS			(980)
SITE PREPARATIONS	LS			(1,190)
ENVIRONMENTAL MITIGATION	LS			(80)
SUBTOTAL				12,290
CONTINGENCY (5%)				610
TOTAL CONTRACT COST				12,900
SIOH (5.7%)				740
SUBTOTAL				13,640
TOTAL REQUEST ROUNDED				13,640
TOTAL REQUEST				13,648
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,073)
<b>10. Description of Proposed Construction</b>				
This project provides a new Auxiliary Reaction Force Facility (ARFF), Armored Fighting Vehicle Operational Storage Facility (AFVOSF), an Armory,				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA		4. Project Title Reaction Force Fac Auxiliary Support Complex		
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P596	8. Project Cost (\$000) 13,648	
<p>and a Small Ordnance Magazine (SOM). These facilities will support auxiliary security forces responding to incidents in the Strategic Weapons Facility Atlantic (SWFLANT) Limited Area and SUBASE Kings Bay Waterfront Restricted Area (WRA).</p> <p>The ARFF will support an 80-man security force per shift; three shifts a day, and include secure-parking for 6 Armored Fighting Vehicles (AFV). The ARFF will be a single-story, ballistic-hardened, reinforced concrete structure. The roof will be capable of supporting fighting positions and defensive weapon mounts. The ARFF will be surrounded by a fence with security lighting, gates, and vehicle barriers. The ARFF includes fire detection, fire suppression, communication, electrical, plumbing, heating, ventilation, and air conditioning systems, and a food preparation and serving area. Site improvements include parking, sidewalks, access roads and paving. Force protection measures include perimeter protection, standoff zones, gates, and vehicle barriers. Built-in equipment will include complete galley equipment, and ventilation equipment for the alert vehicle garage.</p> <p>The SOM is earth covered, multi-cell box type magazine with reinforced concrete walls, roof and floor.</p> <p>The AFVOSF will be a reinforced concrete structure for the ready storage of 30 AFVs. The facility will have mechanical ventilation, lighting, and reaction force access/egress on all building sides.</p> <p>The Armory will be a single-story bullet resistant reinforced concrete structure. The armory will have built-in racks for weapons storage, ready ammunition storage lockers, a weapons issue area, a weapons repair area with de-greasing and weapons cleaning tanks, and an outside covered pad for weapons cleaning. The facility will be environmentally controlled.</p> <p>Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123.</p>				
<b>11. Requirement:</b> <u>3,780 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Provides an Auxiliary Reaction Force Facility, an Armored Fighting Vehicle Operational Storage Facility, a Small Ordnance Magazine and an Armory. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA			4. Project Title Reaction Force Fac Auxiliary Support Complex	
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P596	8. Project Cost (\$000) 13,648	
<p>The SWFLANT security mission has expanded from defending the Explosive Handling Wharf operations to defending the entire SUBASE waterfront on a seven-day, twenty-four hour basis. To meet this expanded mission, the Auxiliary Reaction Force (ARF), which provides the Back-Up Force (BUF) to the Waterfront Restricted Area (WRA), will be increased. Additional security facilities are required to support both the current, and the additional, security force personnel and equipment, to meet the required response times. The additional security force personnel, and supporting AFVs, began arriving May 2005.</p> <p><b>CURRENT SITUATION:</b></p> <p>Shuttling security forces from other locations is temporarily meeting the requirement for Limited Area and waterfront security forces. This does not provide the required level of security and does not meet the required minimum response times to all waterfront facilities.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Security of the SWFLANT Limited area and SUBASE Kings Bay waterfront will continue to be compromised. Response times to critical facilities will not be met.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				122004
(B) Date 35% Design or Parametric Cost Estimate Complete				012006
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				2%
(E) Percent Completed as of JANUARY 2006				35%
(F) Type of Design Contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$1,250
(A) Production of Plans and Specifications				\$850
(B) All other Design Costs				\$400
(C) Total				\$1,250
(D) Contract				\$1,100
(E) In-House				\$150
4. Contract Award				122006
5. Construction Start				012007
6. Construction Complete				102008
B. Equipment associated with this project which will be provided from				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA			4. Project Title Reaction Force Fac Auxiliary Support Complex	
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P596	8. Project Cost (\$000) 13,648	
other appropriations:				
<u>Equipment</u>		<u>Procurring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
ARFF, AFVOSF, Armory and Galley		OMN	2007	222.5
Collateral Equip				
PSE(Sensors, CCTV, Access Control Equipment)		OPN	2007	750
Vehicle Support Equipment		OPN	2007	100
JOINT USE CERTIFICATION:				
The Installation Management Claimant certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Mark Saunders			Phone No: 202 764-1558	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA		4. Project Title Waterfront Security Force Facility		
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P598	8. Project Cost (\$000) 6,634	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WATERFRONT SECURITY FORCE FACILITY (14,090 SF)	m2	1,309		3,570
WATERFRONT SECURITY FORCE FACILITY (13,993 SF)	m2	1,300	2,199.89	(2,860)
NMCI	m2	9	1,600	(10)
BUILT-IN EQUIPMENT	LS			(480)
TECHNICAL OPERATING MANUALS	LS			(110)
ANTI-TERRORISM/FORCE PROTECTION	LS			(110)
SUPPORTING FACILITIES				2,400
SPECIAL CONSTRUCTION FEATURES	LS			(240)
SPECIAL FOUNDATION FEATURES	LS			(430)
ELECTRICAL UTILITIES	LS			(150)
MECHANICAL UTILITIES	LS			(170)
PAVING AND SITE IMPROVEMENTS	LS			(970)
SITE PREPARATIONS	LS			(30)
ENVIRONMENTAL MITIGATION	LS			(130)
ANTI-TERRORISM/FORCE PROTECTION	LS			(280)
SUBTOTAL				5,970
CONTINGENCY (5%)				300
TOTAL CONTRACT COST				6,270
SIOH (5.7%)				360
SUBTOTAL				6,630
TOTAL REQUEST ROUNDED				6,630
TOTAL REQUEST				6,634
<b>10. Description of Proposed Construction</b>				
<p>This project constructs a two-story Waterfront Security Force Facility (WSFF), to support an 80-man security force per shift; three shifts a day, and provides secure parking for 6 Armored Fighting Vehicles (AFV). The facility will have pile foundations and concrete floor slab, concrete exterior walls, and a reinforced concrete roof. Built-in equipment will include complete galley equipment outfitting and ventilation equipment for the AFV garage.</p> <p>Special construction features include pile foundation, seismic reinforcement, strengthening the roof to allow installation of fighting</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006																				
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA		4. Project Title Waterfront Security Force Facility																						
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P598	8. Project Cost (\$000) 6,634																					
<p>positions and automatic weapons mounts. The access roads will be improved to provide shorter response times. The roadway 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.</p>																								
<p><b>11. Requirement:</b> <u>1,300 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b> Provides a Waterfront Security Force Facility at Strategic Weapons Facility Atlantic (SWFLANT). <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> The Navy is programming significant increases in security personnel, armored security response vehicles, and security equipment. This project constructs a facility that is required to support both the current, and the additional, waterfront security force personnel and equipment, and to allow response to incidents within directed response times.</p> <p><b>CURRENT SITUATION:</b> Shuttling security forces from other locations is temporarily meeting the requirement for a waterfront security force. This does not provide the required level of security, has a negative impact on the morale of security personnel, and does not meet required response times to all waterfront facilities.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Security on the SUBASE Kings Bay waterfront will continue to be compromised. Response times to critical facilities will not be met.</p>																								
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date Design or Parametric Cost Estimate Started</td> <td>122004</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate Complete</td> <td>012006</td> </tr> <tr> <td>(C) Date Design Completed</td> <td>092006</td> </tr> <tr> <td>(D) Percent Completed as of SEPTEMBER 2005</td> <td>2%</td> </tr> <tr> <td>(E) Percent Completed as of JANUARY 2006</td> <td>35%</td> </tr> <tr> <td>(F) Type of Design Contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy study/Life cycle analysis performed</td> <td>No</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design:</td> <td>No</td> </tr> <tr> <td>(B) Where Design Was Previously Used:</td> <td>N/A</td> </tr> </table>					(A) Date Design or Parametric Cost Estimate Started	122004	(B) Date 35% Design or Parametric Cost Estimate Complete	012006	(C) Date Design Completed	092006	(D) Percent Completed as of SEPTEMBER 2005	2%	(E) Percent Completed as of JANUARY 2006	35%	(F) Type of Design Contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy study/Life cycle analysis performed	No	(A) Standard or Definitive Design:	No	(B) Where Design Was Previously Used:	N/A
(A) Date Design or Parametric Cost Estimate Started	122004																							
(B) Date 35% Design or Parametric Cost Estimate Complete	012006																							
(C) Date Design Completed	092006																							
(D) Percent Completed as of SEPTEMBER 2005	2%																							
(E) Percent Completed as of JANUARY 2006	35%																							
(F) Type of Design Contract	Design Bid Build																							
(G) Parametric Estimate used to develop cost	Yes																							
(H) Energy study/Life cycle analysis performed	No																							
(A) Standard or Definitive Design:	No																							
(B) Where Design Was Previously Used:	N/A																							

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA			4. Project Title Waterfront Security Force Facility	
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P598	8. Project Cost (\$000) 6,634	
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$610
(A) Production of Plans and Specifications				\$410
(B) All other Design Costs				\$200
(C) Total				\$610
(D) Contract				\$510
(E) In-House				\$100
4. Contract Award				112006
5. Construction Start				122006
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Installation Management Claimant certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Mark Saunders			Phone No: 202 764-1558	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N42237 NAVAL SUBMARINE BASE KINGS BAY KINGS BAY, GEORGIA		4. Project Title Waterfront Security Force Facility	
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P598	8. Project Cost (\$000) 6,634
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>								2. Date 06 FEB 2006	
3. Installation and Location: N62813 NAVAL STATION PEARL HARBOR EWA BEACH, HAWAII						4. Command Commander Navy Installations			5. Area Const Cost Index 1.7		
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		1709	10009	7709	0	0	0	282	362	0	20071
B. End FY 2012		1599	9399	7715	0	0	0	282	362	0	19357
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(3144 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....											851,106
C. AUTHORIZATION NOT YET IN INVENTORY .....											35,967
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											30,994
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											0
G. REMAINING DEFICIENCY .....											0
<b>H. GRAND TOTAL .....</b>											<b>918,067</b>
8. Projects Requested In This Program											
<u>Cat</u>							<u>Design Status</u>			<u>Cost</u>	
<u>Code</u>		<u>Project Title</u>					<u>Start Complete</u>		<u>Scope</u>		<u>(\$000)</u>
16510		Dredge West Loch Channel for T-AKE					09/2005 11/2006		0 LS		30,994
<b>TOTAL</b>										<b>30,994</b>	
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
C. R&M Unfunded Requirement (\$000):											1,105,251
10. Mission or Major Functions:											
Homeport for approximately 40 surface combatants and submarines. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and most of the shore tenant activities in the Pearl Harbor area.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N62813 NAVAL STATION PEARL HARBOR EWA BEACH, HAWAII	4. Command Commander Navy Installations	5. Area Const Cost Index 1.7

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR EWA BEACH, HAWAII			4. Project Title Dredge West Loch Channel for T-AKE		
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P181	8. Project Cost (\$000) 30,994		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
DREDGE WEST LOCH CHANNEL FOR T-AKE		LS			22,000
DREDGE CHANNEL		LS			(22,000)
SUPPORTING FACILITIES					4,840
MECHANICAL UTILITIES		LS			(1,640)
SITE PREPARATIONS		LS			(3,200)
SUBTOTAL					26,840
CONTINGENCY (5%)					1,340
TOTAL CONTRACT COST					28,180
SIOH (6.2%)					1,750
SUBTOTAL					29,930
DESIGN/BUILD - DESIGN COST					1,070
TOTAL REQUEST ROUNDED					31,000
TOTAL REQUEST					30,994
<b>10. Description of Proposed Construction</b>					
<p>This project will provide access to berthing facilities for the modern T-AKE vessels, which will replace the currently used T-AE ammunition vessels beginning in FY 07. Naval Magazine (NAVMAG) Pearl Harbor must be able to accommodate modern T-AKE vessels by FY 09. This will involve construction dredging of the Pearl Harbor West Loch Channel to provide access to berthing facilities at Ammunition Wharves W1, W2, and W3. The work will establish a minimum channel width of 210.3 m (690 feet), a harbor depth of 10.7 m (35 feet), a turning basin with a diameter of 315.2 m (1034 feet), and berthing area depth of 10.7 m (35 feet) at Wharves W1, W2, and W3. Land-side excavation material and material not suitable for ocean disposal will be stockpiled for reuse or disposed at a suitable disposal site.</p> <p>This project will also involve bank stabilization and protection at Kekaa Point and Baltimore Point, which are critical points along the West Loch Channel. Pre-dredging and post-dredging hydrographic surveys are included in the proposed work. Surveying is included to determine the locations of existing active and abandoned utilities within the dredging areas. Utility relocation is also included.</p>					
<b>11. Requirement: Adequate: Substandard:</b>					
<b>PROJECT:</b>					
This project provides construction dredging in the West Loch Channel of Pearl Harbor to provide access and berthing facilities at Wharves W1, W2, and W3 for the T-AKE vessel.					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR EWA BEACH, HAWAII			4. Project Title Dredge West Loch Channel for T-AKE	
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P181	8. Project Cost (\$000) 30,994	
<p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate depth for safe transit and berthing of the T-AKE vessel is required. The missions, tasks and functions of Naval Magazine Pearl Harbor are to receive, renovate, maintain, store and issue ammunition, explosives and expendable ordnance material for the Navy, Air Force, Army and other activities and units as designated by the Chief of Naval Operations. The existing channel, which provides access to Wharves W1, W2, and W3, currently does not have adequate channel width or depth for transit by a T-AKE cargo/ammunition vessel. Construction dredging of West Loch will enable continued access by various ships, boats and other watercraft to Naval Magazine Pearl Harbor.</p> <p>This project will also provide cross-service benefits by allowing the other services besides the Navy to move ordnance at the ammunition wharves using larger vessels than can currently be used.</p> <p><b>CURRENT SITUATION:</b></p> <p>The current schedule for the T-AKE vessels involves placing one or more T-AKE vessels into operation each year beginning in 2007. During this time, the T-AKE vessels will be replacing the T-AE vessels currently in use. Ultimately, all T-AE vessels currently used for ammunition cargo transfer will be replaced by modern T-AKE vessels. Presently, there are no accessible berthing areas suitable for use by T-AKE vessels at Naval Magazine Pearl Harbor. The existing dredged channels along the West Loch Channel to Wharves W1, W2, and W3 are as narrow as 152.4 m (500 feet) in some areas, which is not adequate to meet the requirements. Additionally, the proposed berthing area at Wharves W1, W2, and W3 currently does not have adequate depth for T-AKE usage.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If the proposed project is not provided, T-AKE vessels will not be able to access ammunition wharves at Naval Magazine (NAVMAG) Pearl Harbor. The Navy intends to replace all currently used T-AE ammunition vessels with modern T-AKE vessels beginning in 2007. Therefore, without the proposed dredging project, no Navy cargo/ammunition ships capable of underway replenishment at sea would be able to safely deliver or pick up ammunition at NAVMAG Pearl Harbor. In addition, 20 SSN Fast Attack Submarines and 15 Surface Ships depend on NAVMAG Pearl Harbor for munitions. If this project is not provided, Pearl Harbor would not be able to serve as a pre-position point for the Pacific Rim and the capability to arm Navy combatants would be adversely impacted.</p>				
12. Supplemental Data:				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR EWA BEACH, HAWAII			4. Project Title Dredge West Loch Channel for T-AKE	
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P181	8. Project Cost (\$000) 30,994	
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092005
(B) Date 35% Design or Parametric Cost Estimate Complete				092006
(C) Date Design Completed				112006
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				10%
(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:				Yes
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$1,102
(A) Production of Plans and Specifications				\$824
(B) All other Design Costs				\$278
(C) Total				\$1,102
(D) Contract				\$278
(E) In-House				\$824
4. Contract Award				012007
5. Construction Start				042007
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander or the Installation Management Claimant certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on an as-available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Norman Glenn			Phone No: (808)471-1111 ext. 163	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR EWA BEACH, HAWAII			4. Project Title Dredge West Loch Channel for T-AKE	
5. Program Element 0203176N	6. Category Code 16510	7. Project Number P181	8. Project Cost (\$000) 30,994	

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N62813 NAVAL STATION PEARL HARBOR PEARL HARBOR, HAWAII					4. Command Commander Navy Installations		5. Area Const Cost Index 1.69				
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		1709	10009	7709	0	0	0	282	362	0	20071
B. End FY 2012		1599	9399	7715	0	0	0	282	362	0	19357
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(8038 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....											6,645,900
C. AUTHORIZATION NOT YET IN INVENTORY .....											35,967
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											4,324
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											48,139
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											222,769
G. REMAINING DEFICIENCY .....											1,551,935
<b>H. GRAND TOTAL .....</b>											<b>8,509,034</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
17135	Helicopter Flight Training Facility	09/2005	05/2006	518	m2	4,324					
<b>TOTAL</b>							<b>4,324</b>				
9. Future Projects:											
A. Included In The Following Program:											
15250 Reconstruct Wharf S20						2755 SY	26,085				
15220 Waterfront Upgrades Bravo 21						2703 SY	22,054				
<b>TOTAL</b>							<b>48,139</b>				
B. Major Planned Next Three Years:											
21820 Crane Department Consolidation						LS	5,023				
15310 Joint Forces Deployment Staging Area						24912 SY	15,722				
15120 GD-2 Pier Construction						LS	16,049				
21370 Industrial Skills Center						LS	15,052				
15310 Dry Dock Ship Support Services						LS	15,090				
22310 Production Services Support Building						LS	9,025				
17110 Conference & Technology Learning Center						10323 SF	10,901				
61010 Joint POW/MIA Accounting Command						103000 SF	52,608				
73010 Construct Fire Station						5802 SF	2,539				
14840 Container Protection Facility						5000 SF	1,220				
21370 Ship Maintenance Waterfront Facility						104679 SF	28,193				
15220 Bravo Dock 22-26 Improvements						1622 SY	10,059				
15220 Mike 1-4 Improvements						1996 FB	5,029				
31520 Relocate NUWC Detachment Hawaii						47759 SF	10,646				
17120 Construct Afloat Training Group Trainer						30010 SF	7,826				
15220 Waterfront Upgrade Wharf S12						593 SY	7,014				
73010 Fed Fire Station Consolidation						15188 SF	8,017				
89009 Construct Compressed Air Plant						2400 SF	2,756				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location: N62813 NAVAL STATION PEARL HARBOR PEARL HARBOR, HAWAII		4. Command Commander Navy Installations	5. Area Const Cost Index 1.69
<b>TOTAL</b>			222,769
C. R&M Unfunded Requirement (\$000):			1,105,251
10. Mission or Major Functions: Homeport for approximately 40 surface combatants and submarines. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and most of the shore tenant activities in the Pearl Harbor area.			
11. Outstanding Pollution and Safety Deficiencies (\$000):			
A. Pollution Abatement(*):			0
B. Occupational Safety and Health(OSH)(#):			0



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR PEARL HARBOR, HAWAII		4. Project Title Helicopter Flight Training Facility		
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P007	8. Project Cost (\$000) 4,324	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
HELICOPTER FLIGHT TRAINING FACILITY (5,576 SF)	m2	518		2,210
H-60B FLIGHT TRAINER FACILITY (5,576 SF)	m2	518	4,012.01	(2,080)
BUILT-IN EQUIPMENT	LS			(60)
TECHNICAL OPERATING MANUALS	LS			(50)
INFORMATION SYSTEMS	LS			(20)
SUPPORTING FACILITIES				1,540
ELECTRICAL UTILITIES	LS			(530)
MECHANICAL UTILITIES	LS			(160)
ANTI-TERRORISM/FORCE PROTECTION	LS			(180)
SITE IMPROVEMENTS	LS			(520)
PAVING AND WALKS	LS			(150)
SUBTOTAL				3,750
CONTINGENCY (5%)				190
TOTAL CONTRACT COST				3,940
SIOH (6.2%)				240
SUBTOTAL				4,180
DESIGN/BUILD - DESIGN COST				150
TOTAL REQUEST ROUNDED				4,330
TOTAL REQUEST				4,324
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(25,440)
<b>10. Description of Proposed Construction</b>				
<p>This project will construct a building to house the H-60B Tactical Operation Flight Trainer (TOFT). The building will provide spaces for Operational Flight Trainer (OFT), Weapons Tactical Trainer (WTT), Instructor Room, Briefing Room, COMS Workshop, Administration, Parts Storage, and Classified Storage. Special construction features include high bay space, raised flooring system, overhead crane system, restricted access and seismic construction.</p>				
<b>11. Requirement:</b> <u>3,281 m2</u> <b>Adequate:</b> <u>2,301 m2</u> <b>Substandard:</b> <u>534 m2</u>				
<b>PROJECT:</b>				
This project constructs a new operational trainer facility.				
<b>(Current Mission)</b>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR PEARL HARBOR, HAWAII		4. Project Title Helicopter Flight Training Facility		
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P007	8. Project Cost (\$000) 4,324	

**REQUIREMENT:**

Operational trainer facilities are required to provide squadron training to attain tactical qualifications for fleet readiness. Helicopter Antisubmarine Squadron Light THIRTY-SEVEN (HSL-37), home-ported at Marine Corps Base Hawaii (MCBH), consists of fifty (50) officers and one hundred ninety (190) enlisted personnel who maintain and operate ten (10) Sikorsky SH-60B "Seahawk" helicopters. The mission of HSL-37 is to provide highly trained, combat-ready Light Airborne Multi-Purpose System (LAMPS) MK III detachments to Pacific Fleet ships.

In support of the OPNAV FAST (Fleet Aviation Simulator Training) plan to improve fleet readiness through simulation, HSL 37 will be receiving a new H-60B Tactical Operational Flight Trainer (TOFT) and Weapons Tactical Trainer (WTT) in FY08. The TOFT is a mockup of the aircraft cockpit, with an instructor station and associated computers to operate the device. The TOFT provides the aircrew with aircraft familiarization, instrument flight rules (IFT) navigation, and emergency procedures training in addition to advanced tactical training.

The simulator will provide exceptional training and higher degree of fidelity in H-60 helicopter operations permitting greater attainment of tactical qualifications in controlled simulation environment. In addition, the TOFT and WTT will provide valuable training in an environment that cannot be trained to unless in actual combat situations. The TOFT and WTT will allow aircraft to continue to train effectively, minimizing wear and tear on the squadron aircraft, decreasing high fuel consumption costs, and reducing costly maintenance man-hours per flight hour (upwards of \$2040/flight hour for SH-60B at HSL37).

HSL 37 has been given a "Ready For Training" date of August 2008. Completion of this project is required prior to the delivery of the TOFT in February 2008. Currently there are no adequate facilities on MCBH to house the new H-60B simulator.

**CURRENT SITUATION:**

Marine Corps Base Hawaii (homeport to HSL 37) has no flight trainer facilities or other adequate facilities to house the new H-60B simulator. HSL 37 is forced to attain qualifications only through in-aircraft training. In-aircraft training, alone, results in lower degree of qualification and a reduced level of fleet readiness due to training restrictions born from in-flight safety and limited/decreasing flight hour budgets.

Beginning in FY06, the Navy will begin a phased replacement of the SH-60B

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR PEARL HARBOR, HAWAII		4. Project Title Helicopter Flight Training Facility		
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P007	8. Project Cost (\$000) 4,324	
<p>trainer with the MH-60R for all squadrons. The phased replacement will not be complete until FY15. The FAST plan will provide the H-60 TOFT and WTT relatively quickly (FY08), and also provide a platform for a simple MH-60R retrofit of an existing TOFT and WTT. If this facility is in place for the FAST plan, an additional facility for the MH-60R will not be required.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If this facility is not provided, HSL 37 will experience significant readiness degradations as aircraft training events are curtailed (due to reduced flight hour funding). Some current and future events cannot be accomplished in the aircraft, and will be forced to be waived or modified, resulting in general degradation of the required training program resulting in decreased fleet readiness.</p> <p>Additionally, if this facility is not provided, the TOFT, WTT, and the associated equipment would have to be stored until the facility is constructed. Failure to construct a facility for the SH-60B device will hamper later conversion to the MH-60R. The MH-60R device is a hard requirement to transition the squadron to the new airframe and, without a facility constructed for the SH-60B device, will result in delays to the operational transition.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092005
(B) Date 35% Design or Parametric Cost Estimate Complete				122005
(C) Date Design Completed				052006
(D) Percent Completed as of SEPTEMBER 2005				0%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				No
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$387
(A) Production of Plans and Specifications				\$228
(B) All other Design Costs				\$159
(C) Total				\$387
(D) Contract				\$348
(E) In-House				\$39
4. Contract Award				112006
5. Construction Start				012007

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR PEARL HARBOR, HAWAII			4. Project Title Helicopter Flight Training Facility	
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P007	8. Project Cost (\$000) 4,324	
6. Construction Complete				012008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Aircraft Mission Systems	APN	2006	5,800	
Debrief Systems	APN	2006	1,930	
Govt. Furnished Equipment	APN	2006	3,500	
Instructor Station	APN	2006	2,100	
OFT Cockpit	APN	2006	4,000	
Power/Cooling Equipment	APN	2006	1,970	
Visual System	APN	2006	3,590	
WTT Cabin	APN	2006	2,550	
JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential.				
Activity POC: Flo Ching		Phone No: 808-472-1342		

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N62813 NAVAL STATION PEARL HARBOR WAHIAWA, HAWAII				4. Command Commander Navy Installations		5. Area Const Cost Index 1.7					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		1709	10009	7709	0	0	0	282	362	0	20071
B. End FY 2012		1599	9399	7715	0	0	0	282	362	0	19357
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(743 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....										310,258	
C. AUTHORIZATION NOT YET IN INVENTORY .....										0	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										13,020	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										38,870	
G. REMAINING DEFICIENCY .....										11,000	
<b>H. GRAND TOTAL .....</b>										<b>373,148</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
13122	Site Preparation Mobile User Objective System	06/2005	07/2006	274 m2	13,020						
<b>TOTAL</b>										<b>13,020</b>	
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
13115 Construct Communication Center				70461 SF			38,870				
<b>TOTAL</b>										<b>38,870</b>	
C. R&M Unfunded Requirement (\$000):											
										0	
10. Mission or Major Functions:											
The Naval Computer and Telecommunications Area Master Station Pacific (NCTAMSPAC) provides operational direction and management to all Pacific Naval Telecommunication System users. In addition to this function, NCTAMSPAC manages, operates, and maintains Defense Communication System and Naval Telecommunication System assets, and offers a full range of ADP and Information Resource Services, Maintenance and Repair, and Communication/Electronic and Defense Message System coordination to the Navy and other DOD activities in the Pacific.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N62813 NAVAL STATION PEARL HARBOR WAHIAWA, HAWAII	4. Command Commander Navy Installations	5. Area Const Cost Index 1.7

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR WAHIAWA, HAWAII			4. Project Title Mobile User Objective System Installation		
5. Program Element 0301376N	6. Category Code 13122	7. Project Number P200	8. Project Cost (\$000) 13,020		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
MOBILE USER OBJECTIVE SYSTEM INSTALLATION (2,948 SF)		m2	273.87		3,220
SF/NMF RENOVATE BLDG 409 (1,667 SF)		m2	154.87	9,265.69	(1,430)
STANDBY GENERATOR BLDG RENOVATION (1,076 SF)		m2	100	13,671.24	(1,370)
RENOVATE BLDG 262 (205 SF)		m2	19	20,988.12	(400)
TECHNICAL OPERATING MANUALS		LS			(20)
SUPPORTING FACILITIES					8,060
SPECIAL FOUNDATION FEATURES		LS			(2,930)
ELECTRICAL UTILITIES		LS			(4,410)
PAVING AND SITE IMPROVEMENTS		LS			(510)
SITE PREPARATIONS		LS			(210)
SUBTOTAL					11,280
CONTINGENCY (5%)					560
TOTAL CONTRACT COST					11,840
SIOH (6.2%)					730
SUBTOTAL					12,570
DESIGN/BUILD - DESIGN COST					450
TOTAL REQUEST ROUNDED					13,020
TOTAL REQUEST					13,020
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(60,000)
<b>10. Description of Proposed Construction</b>					
<p>This project will provide the building renovations, site preparation, utility work and supporting facilities for the Mobile User Objective System (MOUS) to be located at Naval Computer and Telecommunications Area Master Station Pacific (NCTAMS PAC), Wahiawa, HI.</p> <p>Renovate existing vacant space and modify an existing conference room in Building 409 to support the Switching Facility (SF) and Network Management Facility (NMF) equipment racks and operations consoles. The renovations to the vacant area include new interior walls and ceilings, insulation and HVAC upgrades, new lighting, new floor covering, alteration of some raised floor areas, installation of overhead cable trays for signal and power. Add a doorway between the UPS room and the Spread Spectrum Multiple Access</p>					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR WAHIAWA, HAWAII			4. Project Title Mobile User Objective System Installation	
5. Program Element 0301376N	6. Category Code 13122	7. Project Number P200	8. Project Cost (\$000) 13,020	
<p>(SSMA) room. Renovate an additional 620 square feet (58 m2) of space for the MUOS operations consoles adjacent to the exiting operations area by moving the existing conference room and reconfiguring interior wall partitions. Renovate room 411 for electrical equipment. Provide fire protections systems in the renovated spaces in buildings 409 and 411.</p> <p>Site Preparation for the new antenna compound constructs concrete foundations and support structures for three (3) 60-foot (18.4M) diameter earth terminals or antennas and concrete foundations for two (2) Radio Access Facilities (RAFs) equipment shelters. Reroute existing cables that pass thru the antenna site from an inverted cone high frequency (HF) receive antenna. Site improvements include extension of the current access road from the Teleport area to the new antennas, walkways between the new antenna and equipment shelter space(s), extension of the existing fencing around the Teleport compound to include the new antenna installations, security lighting and surveillance cameras for the new antenna compound, new underground utilities for power and signal to the new antennas.</p> <p>Construct concrete encased fiber-optic duct banks and connections from the RAFs back to Bldg 409. Electrical utilities upgrades to meet the increased power requirements for the MUOS antenna include new underground duct banks and power cables between the antenna site and the substation adjacent to the main gate at NCTAMS, new transformers, generators, fuel tanks, and switchgear. This project will meet anti-terrorism/force protection (AT/FP)/physical security guidelines. Provide Technical Operating Manuals (OMSI).</p>				
<p><b>11. Requirement:</b>      <u>274 m2</u>      <b>Adequate:</b>      <b>Substandard:</b></p> <p><b>PROJECT:</b></p> <p>The project will construct facilities and provide site preparation for the Mobile Users Objective System (MUOS) at Naval Computer and Telecommunications Area Master Station Pacific (NCTAMS PAC), Wahiawa, HI.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate and efficiently configured facilities are required to provide ground facilities support and operational space for the Mobile User Objective System (MUOS). MUOS will provide real time narrowband satellite communications for military operations to all branches of the armed services worldwide. The MUOS system will enable warfighters to communicate with command and control elements real time anywhere in the world. Ground facilities are strategically located across the globe to provide continuous</p>				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR WAHIAWA, HAWAII			4. Project Title Mobile User Objective System Installation	
5. Program Element 0301376N	6. Category Code 13122	7. Project Number P200	8. Project Cost (\$000) 13,020	
<p>cover for communications uplink, down-link, satellite control, and connections to Teleport and terrestrial communication networks.</p> <p>The existing narrowband SATCOM constellation is UHF Follow-On (UFO). The planned replacement narrowband SATCOM constellation will be the Mobile User Objective System. Initial Operational Capability (IOC) is required in 2008. Full Operational Capability (FOC) is required in 2010. The site preparation must be completed by October 2007.</p> <p><b>CURRENT SITUATION:</b></p> <p>The SATCOM facility located at Bldg 409 at NCTAMS, Wahiawa, HI has adequate space to accommodate the new equipment. There is also adequate open land area adjacent to the existing antenna compound to accommodate the three new earth terminals and the RAF facilities. Adequate staff to operate the new systems is already available at the facility. The existing electrical utilities have inadequate capacity to accommodate the new systems in all of its required modes of operation. Adequate security staff and procedures are already in place to meet the high level of physical security required. The existing Narrowband SATCOM system is nearing the end of its useful life. Existing satellites F2-F10 are currently in-orbit, the ULF Follow-on (UFO) satellite F11 was launched in late 2003 to maintain UHF availability. The planned replacement Narrowband SATCOM constellation will be the Mobile User Objective System. The Navy's Communications Satellite Acquisition Program Office, at the Space and Naval Warfare Systems Command (SPAWAR), has conducted a global study to determine the most suitable locations for the MUOS receiver stations. These locations are strategically located around the globe to provide optimum coverage of passing satellites and efficient and effective use of exiting communications infrastructure and terrestrial communications network connections.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If this project is not provided at NCTAMS PAC in Hawaii, an alternative site will be required to support the MUOS complex to coincide with the three other sites. This would introduce months or years of delay in the deployment of the MUOS system. In addition, other supporting facilities will be required which will significantly increase the cost of the project. NCTAMS PAC already has the personnel and much of the basic infrastructure including available space in the SATCOM facility to provide these functions. No other location meets the site, staffing, and connection requirements as cost effectively as this site. SPAWAR has undertaken several years of study to come up with this site.</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62813 NAVAL STATION PEARL HARBOR WAHIAWA, HAWAII		4. Project Title Mobile User Objective System Installation		
5. Program Element 0301376N	6. Category Code 13122	7. Project Number P200	8. Project Cost (\$000) 13,020	
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				072006
(D) Percent Completed as of SEPTEMBER 2005				5%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$800
(A) Production of Plans and Specifications				\$80
(B) All other Design Costs				\$720
(C) Total				\$800
(D) Contract				\$720
(E) In-House				\$80
4. Contract Award				122006
5. Construction Start				012007
6. Construction Complete				122007
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY</u>	<u>Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Antennas/shelters/ground support equip	RDT&E	2007		60,000
JOINT USE CERTIFICATION:				
The IMC certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Mr. Tim Dubois		Phone No: (808) 653-0092		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006		
3. Installation and Location: N00128 NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS					4. Command Commander Navy Installations			5. Area Const Cost Index 1.27		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	817	4556	1647	0	6426	0	756	1635	0
B. End FY 2012	822	4522	1647	0	8270	0	756	1635	0	17652
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(1697 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										3,589,801
C. AUTHORIZATION NOT YET IN INVENTORY .....										370,824
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										23,589
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										74,924
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										43,604
G. REMAINING DEFICIENCY .....										228,199
<b>H. GRAND TOTAL .....</b>										<b>4,330,941</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
85110	RTC Infrastructure Upgrades Inc 2 of 3	08/2003	11/2005	2463 m2	23,589					
<b>TOTAL</b>										<b>23,589</b>
9. Future Projects:										
A. Included In The Following Program:										
72115	RTC Special Programs Barracks Inc 1 of 2	241379	SF	52,524						
85110	RTC Infrastructure Upgrades Inc 3 of 3	2946	SY	22,400						
<b>TOTAL</b>										<b>74,924</b>
B. Major Planned Next Three Years:										
72114	BEQ "A" School Replacement	168498	SF	35,596						
85120	Bridge S2 Replacement	711	SY	2,135						
73010	Fire Station Replacement	19063	SF	5,873						
<b>TOTAL</b>										<b>43,604</b>
C. R&M Unfunded Requirement (\$000):										214,343
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. Support commands include the Naval hospital and Dental Center, the Navy Band, Public Works and Seabee Construction Battalion Unit 401.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N00128 NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS	4. Command Commander Navy Installations	5. Area Const Cost Index 1.27

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N00128 NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS			4. Project Title RTC Infrastructure Upgrades Inc 2 of 3		
5. Program Element 0203576N	6. Category Code 85110	7. Project Number P748A	8. Project Cost (\$000) Auth 0 Approp 23,589 Auth for Approp 23,589		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
RTC INFRASTRUCTURE UPGRADES INC 2 OF 3 (26,515 SF)		m2	2,463.36		6,950
VISITORS CENTER (24,154 SF)		m2	2,244	2,056	(4,610)
GATE HOUSE 8 (2,120 SF)		m2	196.95	10,317.89	(2,030)
NMCI SERVICE ROOM (241 SF)		m2	22.41	2,611.12	(60)
TECHNICAL OPERATING MANUALS		LS			(70)
INFORMATION SYSTEMS		LS			(50)
ANTI-TERRORISM/FORCE PROTECTION		LS			(130)
SUPPORTING FACILITIES					61,510
PAVING AND SITE IMPROVEMENTS		LS			(23,780)
DEMOLITION		LS			(750)
SITE ELECTRICAL UTILITIES		LS			(21,690)
COMMUNICATION SYSTEM IMPACT FEE		LS			(1,980)
SITE MECHANICAL UTILITIES		LS			(13,190)
OTHER SPECIAL CONSTRUCTION		LS			(120)
SUBTOTAL					68,460
CONTINGENCY (5%)					3,420
TOTAL CONTRACT COST					71,880
SIOH (5.7%)					4,100
SUBTOTAL					75,980
DESIGN/BUILD - DESIGN COST					2,740
LESS FUTURE FUNDING		LS			-22,400
LESS INCREMENT I FUNDING		LS			-32,452
TOTAL REQUEST ROUNDED					23,868
TOTAL REQUEST					23,589
<b>10. Description of Proposed Construction</b>					
Relocate and upgrade existing infrastructure systems to support the recapitalization of buildings and increase security at Recruit Training Command. Includes roads, sidewalks, parking areas, parade fields, landscaping, exterior lighting, security fence, potable water, fire mains, storm and sanitary collection systems, electrical, telecommunications, site signs, natural gas, and steam/condensate distributions systems. All utility system pricing has been adjusted to reflect the increased cost of					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00128 NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS		4. Project Title RTC Infrastructure Upgrades Inc 2 of 3		
5. Program Element 0203576N	6. Category Code 85110	7. Project Number P748A	8. Project Cost (\$000) Auth 0 Approp 23,589 Auth for Approp 23,589	
<p>contractors concurrently working on multiple systems in a congested underground area, without disrupting operations to house, train and graduate 50,000 recruits each year. 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. Security improvements include Entry Control Facilities improvements at Gate 8 and Visitors Security Screening facilities. Demolition of Buildings #909 (100 M2), 1209 (100 M2), 929 (613 M2), 1212 (4602 M2), 912 (1115 M2).</p>				
<p><b>11. Requirement:</b>    <u>2,463 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p>				
<p><b>PROJECT:</b> Relocates and upgrades existing roads, sidewalks and utility systems to support the recapitalization of RTC Great Lakes facilities and provides adequate parking facilities for staff and visitors. <b>(Current Mission)</b></p>				
<p><b>REQUIREMENT:</b> This project will provide roads and utility systems with adequate capacity to support the recapitalization of RTC facilities. The Recruit Training Command, Great Lakes is the Navy's sole recruit training base. It processes approximately 50,000 to 55,000 recruits per year with peak loads of 16,000 recruits during summer months. RTC is currently undergoing an extensive multi-year recapitalization program of existing barracks, drill halls, and other facilities. This recapitalization program will require the demolition and reconstruction of much of the existing base infrastructure. It will also include the relocation of the existing non-Navy owned communication system to mitigate the impact of telephone and cable TV rate increases to Navy customers. Also provides adequate parking for visitors to recruit graduations, improves traffic flow, and improves base security. The result of the recapitalization program and infrastructure upgrades will be improved and more efficient recruit training.</p>				
<p><b>CURRENT SITUATION:</b> Existing barracks and training facilities, with associated infrastructure (roads and utility systems), are dispersed inefficiently throughout the RTC campus. Vehicular traffic is not separated from pedestrian traffic and marching time between facilities is excessive. The new base master plan consolidates like facilities into separate zones and utilizes perimeter roads and interior recruit sidewalks to separate vehicular and pedestrian traffic. This master plan is currently being implemented through the construction of previously authorized projects to replace recruit barracks and drill halls and provide a new physical training facility. Additional</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00128 NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS			4. Project Title RTC Infrastructure Upgrades Inc 2 of 3	
5. Program Element 0203576N	6. Category Code 85110	7. Project Number P748A	8. Project Cost (\$000) Auth 0 Approp 23,589 Auth for Approp 23,589	
<p>projects will replace the remaining recruit barracks and provide a new Battle Stations facility.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The recapitalization of RTC Great Lakes cannot be implemented in accordance with the new base master plan without relocation and upgrade of infrastructure. Separate berthing, training, and public areas cannot be created and vehicular and pedestrian traffic cannot be separated. Recruit training efficiency would not be improved. Utility systems would not have adequate capacity for the new barracks. Parking for visitors to recruit graduations will be insufficient.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082003
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				112005
(D) Percent Completed as of SEPTEMBER 2005				15%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$580
(A) Production of Plans and Specifications				\$500
(B) All other Design Costs				\$80
(C) Total				\$580
(D) Contract				\$80
(E) In-House				\$500
4. Contract Award				012006
5. Construction Start				042006
6. Construction Complete				042009
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Jeff Markey			Phone No: (847) 688-2795, ext. 108	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N00128 NAVAL STATION GREAT LAKES GREAT LAKES, ILLINOIS		4. Project Title RTC Infrastructure Upgrades Inc 2 of 3	
5. Program Element 0203576N	6. Category Code 85110	7. Project Number P748A	8. Project Cost (\$000) Auth 0 Approp 23,589 Auth for Approp 23,589

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006			
3. Installation and Location: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND				4. Command Commander Navy Installations		5. Area Const Cost Index 1.02				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09/30/05		378	134	1145	0	4000	0	0	0	0
B. End FY 2012		432	151	1145	0	4000	0	0	0	0
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(2017 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										1,330,466
C. AUTHORIZATION NOT YET IN INVENTORY .....										67,643
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										26,685
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										56,532
G. REMAINING DEFICIENCY .....										38,260
<b>H. GRAND TOTAL .....</b>										<b>1,519,586</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>			<u>(\$000)</u>			
74043	Wesley Brown Field House Inc 2	07/2003	11/2005	13648 m2			26,685			
of 2										
<b>TOTAL</b>										<b>26,685</b>
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
44110	Central Processing Facility			30550 SF			4,102			
87125	Flood Protection			LS			10,963			
17110	Astrophysics Observatory - Nimitz Hall			335000 SF			40,303			
17120	Observatory Relocation			3689 SF			1,164			
<b>TOTAL</b>										<b>56,532</b>
C. R&M Unfunded Requirement (\$000):										303,398
10. Mission or Major Functions:										
Provide material, personnel, and services support for the professional development program of midshipmen at the U.S. Naval Academy. Provide support services for assigned tenants of activities.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND	4. Command Commander Navy Installations	5. Area Const Cost Index 1.02

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND			4. Project Title Wesley Brown Field House Inc 2 of 2		
5. Program Element 0805176N		6. Category Code 74043	7. Project Number P334A	8. Project Cost (\$000) Auth 0 Approp 26,685 Auth for Approp 26,685	
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
WESLEY BROWN FIELD HOUSE INC 2 OF 2 (146,906 SF)		m2	13,648		36,290
FIELD HOUSE ATHLETIC AND SUPPORT SPACE (146,906 SF)		m2	13,648	2,049.24	(27,970)
BUILT-IN EQUIPMENT		LS			(2,270)
TECHNICAL OPERATING MANUALS		LS			(340)
INFORMATION SYSTEMS		LS			(90)
ANTI-TERRORISM/FORCE PROTECTION		LS			(2,630)
SPECIAL COSTS		LS			(2,990)
SUPPORTING FACILITIES					8,690
SPECIAL FOUNDATION FEATURES		LS			(2,300)
ELECTRICAL UTILITIES		LS			(870)
MECHANICAL UTILITIES		LS			(4,500)
PAVING AND SITE IMPROVEMENTS		LS			(1,020)
SUBTOTAL					44,980
CONTINGENCY (5%)					2,250
TOTAL CONTRACT COST					47,230
SIOH (5.7%)					2,690
SUBTOTAL					49,920
DESIGN/BUILD - DESIGN COST					1,800
LESS INCREMENT I FUNDING		LS			-24,691
TOTAL REQUEST ROUNDED					27,029
TOTAL REQUEST					26,685
<b>10. Description of Proposed Construction</b>					
The Using Activity for this project is planned to be: NAVAL ACADEMY.					
Construction of a two-story athletic facility including indoor track, sports medicine clinic, varsity offices, trophy/recruiting hall, varsity locker rooms, varsity and physical education meeting space, storage space, and other support spaces. This facility will have a long-span structural system to enclose the track facility, a deep foundation system, and a combination granite, masonry, and glass facade. The new athletic indoor track and infield space (including long-jump pit and other track facilities) will be included. Built-in equipment includes seating,					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND			4. Project Title Wesley Brown Field House Inc 2 of 2	
5. Program Element 0805176N	6. Category Code 74043	7. Project Number P334A	8. Project Cost (\$000) Auth 0 Approp 26,685 Auth for Approp 26,685	
<p>elevator, scoreboard, sound system, computer flooring, and air conditioning for all athletic space. Special costs include floor mounted carpet roll. Special construction features include piling.</p> <p>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.</p> <p>Anti-terrorism/Force Protection standards will be integrated into the design, development, and construction of the project in accordance with current standards.</p>				
<b>11. Requirement:</b> <u>13,648 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b>				
<p>This project constructs a Field House required to support outdoor athletics.</p>				
<p><b>(Current Mission)</b></p>				
<b>REQUIREMENT:</b>				
<p>Adequate facilities are required to support the Academy's physical training and athletic mission. This facility will become the primary facility at the Naval Academy for outdoor athletics, partially offsetting an existing deficit of 180,000 square feet in physical training facilities, and allowing the Naval Academy to move toward full compliance with Title IX gender equity requirements and the Americans with Disabilities Act requirements.</p>				
<p>Additionally, adequate facilities must be located to support men's and women's outdoor varsity and club sports including: baseball, cross country, lacrosse, rugby, sprint football, and track and field. The mission of the Naval Academy is "to develop midshipmen morally, mentally and physically." Lockers, offices, team meeting rooms, and sports medicine must be collocated with their corresponding outdoor playing fields to maximize the benefits of limited physical training and sports practice times.</p>				
<p>The new field house's primary athletic space will be the indoor track, which will be in proximity to the outdoor track. The new field house will also provide support space for outdoor sports, satisfying the outdoor sports' support space adjacency requirement to Dewey and Farragut fields. In addition, the field house will have a sports medicine component. Development of a new field house on the Turner Field site is emphasized as a high-profile representation of the Academy's Physical Mission. From this</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND			4. Project Title Wesley Brown Field House Inc 2 of 2	
5. Program Element 0805176N	6. Category Code 74043	7. Project Number P334A	8. Project Cost (\$000) Auth 0 Approp 26,685 Auth for Approp 26,685	
<p>prominent site, the new building will make a powerful statement about the Academy's commitment to physical fitness and will generally enhance the visual image of the Yard.</p>				
<p><b>CURRENT SITUATION:</b></p>				
<p>Adequate facilities to meet the needs of the Naval Academy's athletic programs do not exist. Existing facilities fall short of program requirements by 180,000 SF. Existing facilities do not meet requirements for gender equity. Since the incorporation of women in the Brigade of Midshipmen, an additional 10 Intercollegiate Women's Varsity teams and 12 additional Women's Club Sports have been added to the Naval Academy's athletic programs. Rigid schedules for the daily routine of the Brigade generally do not permit men and women's teams to schedule time in the same facilities. Lockers are currently available for only 75% of the female Varsity athletes.</p>				
<p>Physical training programs at the Naval Academy utilize spaces scattered throughout the Yard in 15 buildings. Most need extensive structural repairs and upgrades to comply with current Life Safety Code and ADA requirements. These spaces include a converted boathouse and an armory, each nearing 100 years in age, and facilities built 30 years or more ago, prior to the incorporation of women into the Brigade of Midshipmen. These facilities are generally rated as sub-standard or inadequate. With such a significant athletic space deficiency, conditions at existing facilities cannot be repaired nor brought into compliance without curtailing programs.</p>				
<p><b>IMPACT IF NOT PROVIDED:</b></p>				
<p>If this project is not provided, specific athletic programs will have to be cancelled due to the lack of facilities to support them. Additional programs will have to be curtailed to make required repairs to existing inadequate and substandard facilities. Recruiting, retention, and accession of quality officers to the fleet will be increasingly compromised. The Naval Academy competes with other collegiate institutions for the best students in the nation. The decaying state of the athletic facilities is commonly viewed as significantly undermining that recruiting effort. An improvement to these facilities will improve recruiting and retention, allowing the Naval Academy to provide the best and brightest Officers to the Fleet.</p>				
<p><b>12. Supplemental Data:</b></p>				
<p>A. Estimated Design Data:</p>				
<p>1. Status:</p>				
<p>(A) Date Design or Parametric Cost Estimate Started</p>				072003
<p>(B) Date 35% Design or Parametric Cost Estimate Complete</p>				092005

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON ANNAPOLIS, MARYLAND			4. Project Title Wesley Brown Field House Inc 2 of 2	
5. Program Element 0805176N	6. Category Code 74043	7. Project Number P334A	8. Project Cost (\$000) Auth 0 Approp 26,685 Auth for Approp 26,685	
(C) Date Design Completed				112005
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				20%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$580
(A) Production of Plans and Specifications				\$500
(B) All other Design Costs				\$80
(C) Total				\$580
(D) Contract				\$80
(E) In-House				\$500
4. Contract Award				012006
5. Construction Start				042006
6. Construction Complete				042009
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Joe Rubino			Phone No: 410-293-1549	

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N0428A NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND				4. Command Commander Navy Installations		5. Area Const Cost Index 1.06					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		873	2052	6798	0	0	0	81	27	0	9831
B. End FY 2012		995	2319	6798	0	0	0	81	27	0	10220
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(6424 Acres)											
B. INVENTORY AS OF 30 Sep 2005 ..... 2,169,656											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 119,815											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 16,316											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 24,851											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 74,057											
G. REMAINING DEFICIENCY ..... 356,087											
H. <b>GRAND TOTAL</b> ..... <b>2,760,782</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
31125	MMA Test Facilities, Renovation & Modn	09/2004	11/2006		10557 m2	16,316					
<b>TOTAL</b>						<b>16,316</b>					
9. Future Projects:											
A. Included In The Following Program:											
31725 Mission Systems Interoperability RDT&E Fac		47071 SF					24,851				
<b>TOTAL</b>						<b>24,851</b>					
B. Major Planned Next Three Years:											
31125 Aircraft Prototype Facility		40149 SF					12,315				
14920 Aircraft Catapult		18783 SF					22,571				
31725 Aircombat Environmental Test & Evaluation Fac		16889 SF					6,609				
72111 Bachelor Enlisted Quarters		95906 SF					23,719				
31115 Aircraft Navigation Equipment Laboratory		13907 SF					8,843				
<b>TOTAL</b>						<b>74,057</b>					
C. R&M Unfunded Requirement (\$000): 225,820											
10. Mission or Major Functions:											
Supports the navy by providing the warfighter with technologies that deliver dominant combat effects and matchless capabilities. As the host, NAS patuxent river provides effective and affordable integrated warfare systems and life cycle support by performing RDT&E, acquisition, engineering and fleet support for manned and unmanned aircraft, engines, avionics, aircraft support systems and ship/shore/air operations.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N0428A NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND	4. Command Commander Navy Installations	5. Area Const Cost Index 1.06

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006	
3. Installation and Location/UIC: N0428A NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND		4. Project Title MMA Test Facilities, Renovation & Modn			
5. Program Element 0805376N	6. Category Code 31125	7. Project Number P146	8. Project Cost (\$000) 16,316		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
MMA TEST FACILITIES, RENOVATION & MODN (113,635 SF)		m2	10,557.04		6,680
STORAGE SPACES (12,976 SF)		m2	1,205.51	1,064.76	(1,280)
RENOVATION/MODERNIZATION HGR & BLDG (100,659 SF)		m2	9,351.53	417.05	(3,900)
BUILT-IN EQUIPMENT		LS			(1,210)
TECHNICAL OPERATING MANUALS		LS			(50)
INFORMATION SYSTEMS		LS			(160)
ANTI-TERRORISM/FORCE PROTECTION		LS			(80)
SUPPORTING FACILITIES					7,510
SPECIAL CONSTRUCTION FEATURES		LS			(4,740)
SPECIAL FOUNDATION FEATURES		LS			(500)
ELECTRICAL UTILITIES		LS			(130)
MECHANICAL UTILITIES		LS			(210)
PAVING AND SITE IMPROVEMENTS		LS			(1,930)
SUBTOTAL					14,190
CONTINGENCY (5%)					710
TOTAL CONTRACT COST					14,900
SIOH (5.7%)					850
SUBTOTAL					15,750
DESIGN/BUILD - DESIGN COST					570
TOTAL REQUEST ROUNDED					16,320
TOTAL REQUEST					16,316
<b>10. Description of Proposed Construction</b>					
<p>This project is a renovation/modernization of existing spaces and new construction. Renovation in existing facilities will include hangar deck refinishing, tail enclosure, modification to aircraft apron and hangar door. Construction includes storage spaces for contractor support and relocated programs. Site improvements include utility extensions, a new aircraft apron, landscaping, perimeter fencing and a new Government Support Equipment (GSE) concrete pad. This project will provide counter-terrorism measures in compliance with the minimum construction standards. Special construction features include ramp and door modifications and painting the hangar deck. Built in equipment includes an aircraft tail enclosure. Sustainable principles will be integrated into the design, development, and</p>					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N0428A NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND		4. Project Title MMA Test Facilities, Renovation & Modn		
5. Program Element 0805376N	6. Category Code 31125	7. Project Number P146	8. Project Cost (\$000) 16,316	
construction of the project in accordance with Executive Order 13123.				
11. Requirement: <u>10,557 m2</u> Adequate: <u>0 m2</u> Substandard: <u>9,816 m2</u>				
<b>PROJECT:</b>				
This project will renovate/modernize existing hangar facilities to support maintenance, testing and instrumentation needs of the MMA Program and it will also construct new facilities to support storage requirements.				
<b>(New Mission)</b>				
<b>REQUIREMENT:</b>				
Adequate and efficiently configured facilities are required to accommodate MMA flight testing scheduled to begin in 2009. The Navy Maritime Patrol and Reconnaissance fleet of P-3 aircraft are reaching the end of their fatigue life. The MMA program will recapitalize the capabilities currently provided by the P-3 aircraft systems. The acquisition strategy identifies NAWCAD Patuxent River as the primary test site. However, existing facilities need to be renovated and/or reconfigured and over 440 personnel, consisting of MMA, Naval Research Laboratory, and VX1, must be relocated and consolidated in order to adequately support the MMA program requirements. Renovations and modernization to existing hangar and support facilities are required to efficiently support the test and maintenance of six test aircraft. Two of the test aircraft are to be housed in a facility to prevent weather damage to the sophisticated test instrumentation mounted to the aircraft. Installation of a tail enclosure along with hangar door and ramp modifications are required to accommodate the proposed aircraft's tail height and prevent weather damage. Additional ramp space is to be constructed to support four of the six aircraft. The newly renovated and constructed maintenance spaces is required to support 65 maintenance personnel. Finally, the construction and renovation schedule is protracted because of the movement of multiple groups of personnel at various times as renovated spaces become available.				
<b>CURRENT SITUATION:</b>				
The approved acquisition strategy states that the principal test site for the Development Test and Evaluation programs for the MMA variant will be conducted at NAS Patuxent River and its associated Test Facilities. Due to the size of the proposed MMA aircraft, Hangar 305 cannot support the MMA test program's requirements in its current configuration. Hangar 305 can be modified to support the MMA requirements.				
<b>IMPACT IF NOT PROVIDED:</b>				
If not provided the MMA Program will suffer severe delays in providing replacement aircraft to the fleet. This will result in a large cost to the Navy, since it will have to continuously repair the existing aging P-3, which has exceeded its structural design life. The hangar test facilities				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N0428A NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND		4. Project Title MMA Test Facilities, Renovation & Modn		
5. Program Element 0805376N	6. Category Code 31125	7. Project Number P146	8. Project Cost (\$000) 16,316	
<p>at NAS Patuxent River require renovation in order to support Development Test and Evaluation for MMA variant during the System Development, Demonstration (SDD) flight test phases, and follow-up testing of program block modification upgrades. This will result in the requirement to move or pay extended Temporary Additional Duty (TAD) costs for a highly skilled specialized work force, duplication of specialized test facilities, increase flight time, increase safety and security concerns. It will also adversely impact the test schedule, increase the near and long term cost and increase program risk.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092004
(B) Date 35% Design or Parametric Cost Estimate Complete				092006
(C) Date Design Completed				112006
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				15%
(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:				Yes
(B) Where Design Was Previously Used:				Building 2649
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$300
(A) Production of Plans and Specifications				\$250
(B) All other Design Costs				\$50
(C) Total				\$300
(D) Contract				\$50
(E) In-House				\$250
4. Contract Award				012007
5. Construction Start				042007
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Vimarís Guadalupe		Phone No: 301-757-4916		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N0428A NAVAL AIR STATION PATUXENT RIVER PATUXENT RIVER, MARYLAND		4. Project Title MMA Test Facilities, Renovation & Modn	
5. Program Element 0805376N	6. Category Code 31125	7. Project Number P146	8. Project Cost (\$000) 16,316

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006		
3. Installation and Location: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON SUITLAND, MARYLAND					4. Command Commander Navy Installations		5. Area Const Cost Index .98			
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	0	0	0	0	0	0	0	0	0	0
A. As Of	0	0	0	0	0	0	0	0	0	0
B. End FY	0	0	0	0	0	0	0	0	0	0
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(84 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										126,750
C. AUTHORIZATION NOT YET IN INVENTORY .....										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										11,780
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										52,069
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										4,090
G. REMAINING DEFICIENCY .....										0
<b>H. GRAND TOTAL .....</b>										<b>194,689</b>
8. Projects Requested In This Program										
<u>Cat</u>				<u>Design Status</u>						<u>Cost</u>
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>		<u>Scope</u>			<u>(\$000)</u>
61010	National Maritime Intel Center Inc 1 of 3			09/2003	06/2006		47768 m2			11,780
<b>TOTAL</b>										<b>11,780</b>
9. Future Projects:										
A. Included In The Following Program:										
61010	National Maritime Intel Center Inc 2 of 3						LS			52,069
<b>TOTAL</b>										<b>52,069</b>
B. Major Planned Next Three Years:										
61010	National Maritime Intel Center Inc 3 of 3						LS			4,090
<b>TOTAL</b>										<b>4,090</b>
C. R&M Unfunded Requirement (\$000):										
										0
10. Mission or Major Functions:										
The Office of Naval Intelligence (ONI) provides one-stop-shopping at the National Maritime Intelligence Center (NMIC) for national level maritime intelligence. NMIC hosts the Marine Corps Intelligence Activity (MCIA), the Coast Guard Intelligence Coordination Center (ICC) and the Naval Information Warfare Activity (NIWA).										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON SUITLAND, MARYLAND	4. Command Commander Navy Installations	5. Area Const Cost Index .98

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON SUITLAND, MARYLAND			4. Project Title National Maritime Intel Center Inc 1 of 3		
5. Program Element 0901376N	6. Category Code 61010	7. Project Number P339	8. Project Cost (\$000) Auth 67,939 Approp 11,780 Auth for Approp 11,780		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
NATIONAL MARITIME INTEL CENTER INC 1 OF 3 (514,170 SF)		m2	47,768		56,040
NMCI INFRASTRUCTURE (1,539 SF)		m2	143	1,788.1	(260)
GARAGE REPAIRS (121,632 SF)		m2	11,300	320.77	(3,620)
NMIC ADDITION (198,465 SF)		m2	18,438	1,593.97	(29,390)
NMIC RENOVATION (151,997 SF)		m2	14,121	887.49	(12,530)
4TH FLOOR GARAGE ADDITION (40,537 SF)		m2	3,766	502.57	(1,890)
BUILT-IN EQUIPMENT		LS			(2,740)
TECHNICAL OPERATING MANUALS		LS			(310)
INFORMATION SYSTEMS		LS			(1,170)
ANTI-TERRORISM/FORCE PROTECTION		LS			(4,130)
SUPPORTING FACILITIES					3,050
ELECTRICAL UTILITIES		LS			(10)
MECHANICAL UTILITIES		LS			(1,560)
PAVING AND SITE IMPROVEMENTS		LS			(1,170)
SITE PREPARATIONS		LS			(190)
DEMOLITION		LS			(90)
ANTI-TERRORISM/FORCE PROTECTION		LS			(30)
SUBTOTAL					59,090
CONTINGENCY (5%)					2,950
TOTAL CONTRACT COST					62,040
SIOH (5.7%)					3,540
SUBTOTAL					65,580
DESIGN/BUILD - DESIGN COST					2,360
LESS FUTURE YEAR FUNDING		LS			-56,159
TOTAL REQUEST ROUNDED					11,781
TOTAL REQUEST					11,780
<b>10. Description of Proposed Construction</b>					
Design and construct an addition (another wing) to the existing National Maritime Intelligence Center (NMIC). Renovations and construction will include new interior partitions, new elevators, cooling tower, heating,					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON SUITLAND, MARYLAND		4. Project Title National Maritime Intel Center Inc 1 of 3		
5. Program Element 0901376N	6. Category Code 61010	7. Project Number P339	8. Project Cost (\$000) Auth 67,939 Approp 11,780 Auth for Approp 11,780	
<p>ventilation and air conditioning (HVAC) upgrades, electrical systems, plumbing, fire protection systems, site utilities, paving, site improvements, emergency generators, uninterruptible power supply (UPS), laboratories, shielded spaces, conference rooms, state of the art conference center, small storage areas, cafeteria, fitness center, automatic data processing (ADP) center, security operations center, repairs/upgrades to existing parking garage and/or additional parking and landscaping. NMIC currently has emergency generators, UPS, cafeteria and fitness center that potentially could service the addition. Built in equipment includes elevators, raised floor, and galley equipment.</p> <p>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.</p> <p>Anti-terrorism/Force Protection standards will be integrated into the design, development, and construction of the project in accordance with current standards.</p>				
<b>11. Requirement:</b> <u>44,002 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Constructs a secure wing attached to the existing facility to house additional personnel in support of increased mission of the Office of Naval Intelligence and its sub-tenants, and renovates 14,190 m2 of space in the existing NMIC facility. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> Provide adequate secured facility to accommodate additional personnel in an efficiently configured facility addition (wing) providing command support for administrative functions, analytical areas, fitness center, laboratories, conference center, security operations center, to support mission processes related to the Office of Naval Intelligence and its sub-tenants. This project will accommodate the additional 700 personnel. The NMIC is currently located on 42 acres in Suitland, Maryland. The NMIC currently consists of 600,000 square feet with an 870 space-parking garage.				
<b>CURRENT SITUATION:</b> The NMIC houses the Office of Naval Intelligence and its sub-tenants. Continued expansion of ONI's mission to include its sub-tenants has dramatically increased staffing and mission requirements. The NMIC is currently exceeding design constraints to include housing personnel in common spaces and conference and huddle rooms. In addition, many of the				



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON SUITLAND, MARYLAND		4. Project Title National Maritime Intel Center Inc 1 of 3		
5. Program Element 0901376N	6. Category Code 61010	7. Project Number P339	8. Project Cost (\$000) Auth 67,939 Approp 11,780 Auth for Approp 11,780	
work-stations have been downsized in an effort to meet personnel increases.				
<b>IMPACT IF NOT PROVIDED:</b>				
Without an addition to the NMIC, operations and mission requirements will not be met and ONI its sub-tenants will not be able to perform their unique command mission. There will be a continued strain on the NMIC to house personnel in over utilized spaces.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092003
(B) Date 35% Design or Parametric Cost Estimate Complete				022006
(C) Date Design Completed				062006
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$580
(A) Production of Plans and Specifications				\$500
(B) All other Design Costs				\$80
(C) Total				\$580
(D) Contract				\$80
(E) In-House				\$500
4. Contract Award				102006
5. Construction Start				012007
6. Construction Complete				112008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended.				
Activity POC: Gene Washington		Phone No: 301 669 2753		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N68469 NAVAL SUPPORT ACTIVITY WASHINGTON SUITLAND, MARYLAND		4. Project Title National Maritime Intel Center Inc 1 of 3	
5. Program Element 0901376N	6. Category Code 61010	7. Project Number P339	8. Project Cost (\$000) Auth 67,939 Approp 11,780 Auth for Approp 11,780

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006				
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA					4. Command Commandant of the Marine Corps			5. Area Const Cost Index .95				
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
A. As Of 09/30/05		149	1007	1518	37	5679	0	3140	29746	2971	44247	
B. End FY 2012		109	767	1623	150	6184	21	2469	29548	4006	44877	
<b>7. INVENTORY DATA (\$000)</b>												
A. TOTAL ACREAGE ..(159094 Acres)												
B. INVENTORY AS OF 30 Sep 2005 .....											5,575,024	
C. AUTHORIZATION NOT YET IN INVENTORY .....											119,846	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											160,904	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											95,549	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											394,464	
G. REMAINING DEFICIENCY .....											480,453	
<b>H. GRAND TOTAL .....</b>											<b>6,826,240</b>	
8. Projects Requested In This Program												
<u>Cat</u>		<u>Design Status</u>					<u>Scope</u>		<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>						<u>(\$000)</u>			
17110	Consolidated Academic Instruction Fac (Ph 2)	09/2003	11/2006				6732	m2	15,140			
14345	Armories II MEF	08/2003	09/2006				1779	m2	4,702			
17940	Mod K-Ranges (Phase 1)	08/2003	09/2006				0	LS	12,102			
14365	MARSOC Intel Operations	01/2006	02/2007				3676	m2	20,430			
61072	MARSOC Maintenance Complex	01/2006	02/2007				0	LS	22,117			
72124	MARSOC Bachelor Enlisted Quarters	01/2006	09/2006				0	LS	61,905			
72210	MARSOC Dining Facility	01/2006	09/2006				3053	m2	13,420			
55010	MARSOC Medical/BAS Facilities	01/2006	02/2007				1018	m2	3,478			
42122	Ammunition Supply Point Upgrade (Phase 2)	08/2003	09/2006				1984	m2	7,610			
								<b>TOTAL</b>	<b>160,904</b>			
9. Future Projects:												
A. Included In The Following Program:												
17945	MOUT Enhancements						LS	10,231				
14345	4th MEB Operations Complex						LS	16,664				
17940	Mod K-Ranges (Phase 2)						LS	11,454				
14320	MARSOC Support Facility						LS	11,100				
17330	MARSOC Training Facilities						LS	9,000				
17945	MARSOC Fitness Center/Training Tank						LS	11,000				
71432	MARSOC Community Support Facilities						LS	12,200				
74074	MARSOC Child Development Centers						27814	SF	9,200			
17120	Field Medical Service School						34730	SF	4,700			
								<b>TOTAL</b>	<b>95,549</b>			
B. Major Planned Next Three Years:												
17751	Automated Infantry Squad Battle Course, G10						LS	4,569				
61072	Maintenance/Operations Complex - 2/9						LS	24,278				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Command Commandant of the Marine Corps	5. Area Const Cost Index .95
72210 Enlisted Dining Facility		21840 SF	11,710
61072 FMTU Operations Complex		LS	46,401
72111 Bachelor Enlisted Quarters-French Creek		LS	21,174
44112 EFV Organizational Equipment Storage		33960 SF	3,016
72210 Enlisted Dining Facility-Hadnot Point		54605 SF	20,081
21453 Maintenance Shop - Utilities Platoon		6135 SF	4,730
17110 Academic Instruction Facility		72764 SF	16,684
72124 Bachelor Enlisted Quarters - Camp Johnson		109892 SF	20,352
61072 Intel Operations Center		0 LS	42,984
44111 Material Distribution Center		0 LS	16,344
*83315 Landfill Cell		LS	9,700
72124 Bachelor Enlisted Quarters-Hadnot Point 2		91493 SF	23,488
61072 Headquarters Building - 4th MEB		89997 SF	9,079
72124 Bachelor Enlisted Quarters-Rifle Range		LS	13,017
17135 Simulation Center		LS	8,067
72111 Bachelor Enlisted Quarters-French Creek 2		LS	23,401
74074 Child Development Center		27211 SF	8,024
72124 Bachelor Enlisted Quarters-French Creek 3		LS	11,876
72124 Bachelor Enlisted Quarters-Rifle Range 2		LS	12,107
72111 Bachelor Enlisted Quarters-Hadnot Point		LS	24,645
72210 Enlisted Dining Facility-Hadnot Point 2		54605 SF	18,737
		<b>TOTAL</b>	<b>394,464</b>
C. R&M Unfunded Requirement (\$000):			54,740
10. Mission or Major Functions: MCB Camp Lejeune supports the combat readiness of expeditionary forces by providing training, logistic, garrison support, mobilization and deployment support and a wide range of quality of life services including housing, safety and security, medical and dental care, family services, off-duty education and recreation.			
11. Outstanding Pollution and Safety Deficiencies (\$000):			
A. Pollution Abatement(*):			9,700
B. Occupational Safety and Health(OSH)(#):			0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Consolidated Academic Instr Facility (Ph 2)		
5. Program Element 0206496M	6. Category Code 17110	7. Project Number P1033	8. Project Cost (\$000) 15,140	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
CONSOLIDATED ACADEMIC INSTR FACILITY (PH 2) (72,463 SF)	m2	6,732		11,610
CONSOLIDATED ACADEMIC INSTR FAC (72,463 SF)	m2	6,732	1,525.84	(10,270)
BUILT-IN EQUIPMENT	LS			(590)
TECHNICAL OPERATING MANUALS	LS			(160)
INFORMATION SYSTEMS	LS			(240)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
SPECIAL COSTS	LS			(250)
SUPPORTING FACILITIES				1,610
SPECIAL FOUNDATION FEATURES	LS			(340)
ELECTRICAL UTILITIES	LS			(250)
MECHANICAL UTILITIES	LS			(170)
PAVING AND SITE IMPROVEMENTS	LS			(410)
SITE PREPARATIONS	LS			(100)
DEMOLITION	LS			(340)
SUBTOTAL				13,220
CONTINGENCY (5%)				660
TOTAL CONTRACT COST				13,880
SIOH (5.7%)				790
SUBTOTAL				14,670
DESIGN/BUILD - DESIGN COST				530
TOTAL REQUEST ROUNDED				15,200
TOTAL REQUEST				15,140
<b>10. Description of Proposed Construction</b>				
<p>Construct an academic facility with an exterior envelope design to conform to match Phase I (P-172) construction. Built in equipment includes a freight elevator, venetian blinds, and operable partitions. Information systems includes wiring for telephone, cable television (CATV), local area network (LAN), intrusion detection system (IDS), and closed-circuit television (CCTV). Special construction features consist of raised platforms in classrooms. Special foundation features are auger-cast pile foundations and concrete grade beam foundation. Mechanical utilities include variable air volume (VAV) distribution with rooftop air handling units, and central plant hot/chilled water systems, plumbing systems, and</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Consolidated Academic Instr Facility (Ph 2)		
5. Program Element 0206496M	6. Category Code 17110	7. Project Number P1033	8. Project Cost (\$000) 15,140	
<p>fire protection system. Electrical utilities include power distribution, interior and exterior lighting, and fire alarm system. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewer, electrical, telephone, and LAN). Paving and site improvements includes signage, parking areas, retaining wall, landscaping, and greenway trail. Site preparations include reshaping the stormwater management facility and site preparation, grading, and fill. Technical Operating Manuals and Anti-Terrorism/Force Protection (AT/FP) features consisting of blast-resistant window glazing, mass notification system, and overhead equipment and pipe bracing, are included. Sustainable features 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 also includes demolition of historic buildings M123, M124, M125, M126, and M127, pending State Historic Preservation Officer approval.</p>				
<p><b>11. Requirement:</b> <u>6,732 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>14,138 m2</u></p> <p><b>PROJECT:</b> Construct Phase II of a Consolidated Academic Instruction Facility for Marine Corps Combat Service Support Schools (MCCSSS) at Camp Johnson. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> Provide administrative and academic instruction space for the Financial Management School, Logistics Operations School, Instructional Management School, Combat Water Survival School, and the Information Systems Management Office.</p> <p><b>CURRENT SITUATION:</b> The training mission of the MCCSSS includes the Instructional Management, Personnel Administration, Combat Water Survival, Logistics Operations, Financial Management, and Ground Supply Schools. These schools are operating in twenty-eight (28) single story wood frame buildings. Originally constructed in 1943 as open squad bay barracks, the buildings were later converted to classroom spaces. These buildings have no head facilities, are functionally obsolete, and are too dispersed for efficient use. The buildings are also deteriorated, lack adequate heating, ventilation, and air conditioning for buildings with electronic classrooms, and cannot be wired for necessary training technology due to structural limitations. Although the buildings have been extensively renovated over the years, they have surpassed their functional life and can no longer be economically maintained.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Consolidated Academic Instr Facility (Ph 2)		
5. Program Element 0206496M	6. Category Code 17110	7. Project Number P1033	8. Project Cost (\$000) 15,140	
If not provided, students will continue to be taught in dispersed and inadequate facilities without the climate control, technological infrastructure, or head facilities necessary for efficient and effective training. The existing facilities will continue to deteriorate and require constant maintenance and repair.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092003
(B) Date 35% Design or Parametric Cost Estimate Complete				092006
(C) Date Design Completed				112006
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				3%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$528
(A) Production of Plans and Specifications				\$396
(B) All other Design Costs				\$132
(C) Total				\$528
(D) Contract				\$132
(E) In-House				\$396
4. Contract Award				012007
5. Construction Start				042007
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Larry Brant			Phone No: (910) 451-3034	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Consolidated Academic Instr Facility (Ph 2)	
5. Program Element 0206496M	6. Category Code 17110	7. Project Number P1033	8. Project Cost (\$000) 15,140
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title Armories II MEF	
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P1042	8. Project Cost (\$000) 4,702	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ARMORIES II MEF (19,149 SF)	m2	1,779		2,310
HOSPITAL POINT ARMORY (12,045 SF)	m2	1,119	1,213.78	(1,360)
FRENCH CREEK ARMORY (7,104 SF)	m2	660	1,293.91	(850)
TECHNICAL OPERATING MANUALS	LS			(40)
INFORMATION SYSTEMS	LS			(40)
ANTI-TERRORISM/FORCE PROTECTION	LS			(20)
SUPPORTING FACILITIES				1,920
SPECIAL FOUNDATION FEATURES	LS			(270)
ELECTRICAL UTILITIES	LS			(240)
MECHANICAL UTILITIES	LS			(230)
PAVING AND SITE IMPROVEMENTS	LS			(440)
SITE PREPARATIONS	LS			(380)
DEMOLITION	LS			(200)
ENVIRONMENTAL MITIGATION	LS			(160)
SUBTOTAL				4,230
CONTINGENCY (5%)				210
TOTAL CONTRACT COST				4,440
SIOH (5.7%)				250
SUBTOTAL				4,690
TOTAL REQUEST ROUNDED				4,690
TOTAL REQUEST				4,702
<b>10. Description of Proposed Construction</b>				
<p>Construct two single story armory facilities on pile foundations with concrete floors, concrete masonry unit (CMU) walls, and standing seam metal roofs. The interior of the facility will be configured with concrete walls to provide separate and secure weapons storage area. Information systems include wiring for telephone, local area network (LAN), and Intrusion Detection System (IDS). Mechanical systems include plumbing, compressed air, dehumidification and temperature control, wet pipe sprinkler system, and lightning protection. Electrical systems include electrical distribution, transformer, and area lighting. Supporting facilities work includes site and building utility connections (water, natural gas, sanitary and storm sewer, electrical, telephone, and LAN). Paving and site improvements include culverts, entrance roads, parking lots, and building and roadway signage. Site preparations include earthwork, storm water</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Armories II MEF		
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P1042	8. Project Cost (\$000) 4,702	
<p>management, security fencing and gates, and environmental protection. Project includes the demolition of FC302, H18, H19, H36, and H39. Environmental cleanup of a known contamination site (UST H19) will be included in this project. Sustainable features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Technical Operating Manuals and Anti-Terrorism/Force Protection (AT/FP) features are also included.</p>				
<p><b>11. Requirement:</b> <u>1,779 m2</u> <b>Adequate:</b> <b>Substandard:</b></p> <p><b>PROJECT:</b> Replaces armory for the II Marine Expeditionary Force at Marine Corps Base (MCB) Camp Lejeune. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> Provide two armories to secure, preserve, and maintain crew served weapons, small arms, and optical/night vision equipment for II Marine Expeditionary Force personnel in the Hadnot Point and French Creek Areas of Camp Lejeune.</p> <p><b>CURRENT SITUATION:</b> The II MEF armory is currently operating under two exceptions to OPNAV requirements: M12001-E01A-97 armory clear zones and M12001-E01-00 physical security structural requirements. Weapons are currently being stored in Building FC302, which was constructed in the 1970s and does not meet current ATFP and physical security standards. The building has no climate control and because of the region's humid and salt-air climate, corrosion is problematic and diminishes the life expectancy of the weapons and ordnance equipment.</p> <p>Marines assigned to II MEF who work in the Hospital Point Area of Camp Lejeune must travel approximately 4 miles to the armory located in French Creek to perform required monthly preventive maintenance on their weapons, resulting in an excessive amount of lost time.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If not provided, the II MEF will continue to secure, maintain, and preserve its crew served weapons in an inadequate, undersized facility that lacks climate control and fails to meet physical security and AT/FP requirements. The armory will remain under OPNAV Exception Numbers M12001-E01-00 for clear zone requirements and M12001-E01A-97 for physical security structural requirements. Marines will continue to spend an excessive amount of time travelling 8 miles round trip to the armory to perform monthly preventive maintenance.</p>				
<p><b>12. Supplemental Data:</b> A. Estimated Design Data:</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Armories II MEF		
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P1042	8. Project Cost (\$000) 4,702	
<p>1. Status:</p> <p>(A) Date Design or Parametric Cost Estimate Started 082003</p> <p>(B) Date 35% Design or Parametric Cost Estimate Complete 012006</p> <p>(C) Date Design Completed 092006</p> <p>(D) Percent Completed as of SEPTEMBER 2005 2%</p> <p>(E) Percent Completed as of JANUARY 2006 35%</p> <p>(F) Type of Design Contract Design Bid Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy study/Life cycle analysis performed No</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design: Yes</p> <p>(B) Where Design Was Previously Used: FY 04 MCON P227 Camp Lejeune</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$359</p> <p>(A) Production of Plans and Specifications \$269</p> <p>(B) All other Design Costs \$90</p> <p>(C) Total \$359</p> <p>(D) Contract \$225</p> <p>(E) In-House \$134</p> <p>4. Contract Award 112006</p> <p>5. Construction Start 122006</p> <p>6. Construction Complete 082008</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p> <p>Activity POC: Larry Brant Phone No: (910) 451-3034</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Armories II MEF	
5. Program Element 0206496M	6. Category Code 14345	7. Project Number P1042	8. Project Cost (\$000) 4,702
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1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Mod K-Ranges (Ph 1)		
5. Program Element 0206496M	6. Category Code 17940	7. Project Number P1135	8. Project Cost (\$000) 12,102	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MOD K-RANGES (PH 1)	LS			3,800
RANGE CONTROL TOWER (26,705 SF)	m2	2,481	198.72	(490)
AMMUNITION BREAKDOWN BUILDING (2,895 SF)	m2	269	622.39	(170)
COVERED MESS (4,349 SF)	m2	404	276.28	(110)
FIELD SERVICE HEAD (10,344 SF)	m2	961	284.99	(270)
COVERED BLEACHER ENCLOSURE (4,672 SF)	m2	434	478.33	(210)
OPERATIONAL/STORAGE FACILITY (3,800 SF)	m2	353	639.27	(230)
TARGET STORAGE BUILDING (2,669 SF)	m2	248	622.24	(150)
GENERAL INSTRUCTION BUILDING (3,821 SF)	m2	355	639.52	(230)
SIT EMPLACEMENT	EA	205	1,594.08	(330)
MIT EMPLACEMENT	EA	6	6,719.58	(40)
ONE-MAN FIRING POSITION	EA	25	15,882.58	(400)
POWER CENTER EMPLACEMENTS	EA	3	10,668.43	(30)
BUILT-IN EQUIPMENT	LS			(1,030)
TECHNICAL OPERATING MANUALS	LS			(40)
INFORMATION SYSTEMS	LS			(70)
SUPPORTING FACILITIES				7,270
ELECTRICAL UTILITIES	LS			(2,130)
MECHANICAL UTILITIES	LS			(1,710)
PAVING AND SITE IMPROVEMENTS	LS			(780)
SITE PREPARATIONS	LS			(710)
DEMOLITION	LS			(1,940)
SUBTOTAL				11,070
CONTINGENCY (5%)				550
TOTAL CONTRACT COST				11,620
SIOH (5.7%)				660
SUBTOTAL				12,280
TOTAL REQUEST ROUNDED				12,280
TOTAL REQUEST				12,102



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Mod K-Ranges (Ph 1)		
5. Program Element 0206496M	6. Category Code 17940	7. Project Number P1135	8. Project Cost (\$000) 12,102	
<p>feedback. Trees are encroaching into the existing range area, causing a fire hazard, obstructing lateral limits and making the targets down range impossible to see. This overgrowth reduces the weapons systems that can be fired on that range. State of the art targetry does not exist on any of the small arms ranges. In order to provide new target systems, several areas will need unexploded ordnance removed prior to construction of access roads and targetry emplacements.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The loss of established range capability will occur without the range construction. To be effective our facilities must provide opportunities to practice, in building block order, live fire skills in the field.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082003
(B) Date 35% Design or Parametric Cost Estimate Complete				012006
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				2%
(E) Percent Completed as of JANUARY 2006				35%
(F) Type of Design Contract	Design Bid Build			
(G) Parametric Estimate used to develop cost				No
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				Yes
(B) Where Design Was Previously Used:	FY95 P933 MCB Camp Lejeune			
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$879
(A) Production of Plans and Specifications				\$659
(B) All other Design Costs				\$220
(C) Total				\$879
(D) Contract				\$550
(E) In-House				\$329
4. Contract Award				112006
5. Construction Start				122006
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>		<u>FY</u>	<u>Approp</u>
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost</u>	<u>(\$000)</u>
Targetry	PMC	2007		1,315
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this				





1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Intelligence Operations Fac		
5. Program Element 0216496M	6. Category Code 14365	7. Project Number P1177	8. Project Cost (\$000) 20,430	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MARSOC INTELLIGENCE OPERATIONS FAC (39,568 SF)	m2	3,676		9,540
INTEL OPERATIONS (33,271 SF)	m2	3,091	2,054.32	(6,350)
TELECOMMUNICATIONS ROOM (NMCI) (3,229 SF)	m2	300	2,233.18	(670)
GATE/SENTRY HOUSE (377 SF)	m2	35	3,199.18	(110)
TELEPHONE EXCHANGE (1,076 SF)	m2	100	1,480.58	(150)
UTILITY PLANT FACILITY (1,615 SF)	m2	150	1,694.54	(250)
BUILT-IN EQUIPMENT	LS			(880)
TECHNICAL OPERATING MANUALS	LS			(110)
INFORMATION SYSTEMS	LS			(370)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
SPECIAL COSTS	LS			(600)
SUPPORTING FACILITIES				8,280
SPECIAL CONSTRUCTION FEATURES	LS			(290)
ELECTRICAL UTILITIES	LS			(2,130)
MECHANICAL UTILITIES	LS			(2,350)
PAVING AND SITE IMPROVEMENTS	LS			(3,230)
SITE PREPARATIONS	LS			(230)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
SUBTOTAL				17,820
CONTINGENCY (5%)				890
TOTAL CONTRACT COST				18,710
SIOH (5.7%)				1,070
SUBTOTAL				19,780
DESIGN/BUILD - DESIGN COST				710
TOTAL REQUEST ROUNDED				20,490
TOTAL REQUEST				20,430
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(859)
<b>10. Description of Proposed Construction</b>				
Construct a multi-story CMU building on pile foundations with structural steel framing, reinforced masonry walls, brick veneer, reinforced concrete				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Intelligence Operations Fac		
5. Program Element 0216496M	6. Category Code 14365	7. Project Number P1177	8. Project Cost (\$000) 20,430	
<p>foundation and floors, and standing seam metal roofs. Project will provide intelligence operations facilities for the Marine Special Operations Command (MARSOC). Construction will include administrative space, operations spaces, Watch Room with VTC capability, antenna farm, and secure storage. Special construction features include pile foundations with reinforced concrete footings. A central utility plant, telephone exchange building, and gate/sentry house are also included as part of this project. All areas of the intelligence operations facility shall be constructed as a Sensitive Compartmented Information Facility (SCIF) in accordance with DCID 6/9. Sustainable design features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders. Built in equipment includes standing seam metal roof and computer access flooring. Electrical systems include fire alarms and energy-saving electronic monitoring and control system (EMCS). Mechanical systems include plumbing, fire protection systems, fire pump, and Heating Ventilation and Air Conditioning (HVAC). Information systems will include telephone, Local Area Network (LAN), voice and data communication systems and secure information systems. The project will require 169 NMCI seats. Paving and site improvements include exterior site and building lighting, paved parking and roadways, security/sentry gate, sidewalks, storm water management, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping, security fencing, and building and roadway signage. Also included are Technical Operating Manuals, Anti-Terrorism/Force Protection features, and necessary environmental mitigation.</p>				
<p><b>11. Requirement:</b>    <u>3,426 m2</u>    <b>Adequate:</b>                      <b>Substandard:</b></p> <p><b>PROJECT:</b></p> <p>This project will provide an adequately powered, secure facility to accommodate all aspects of intelligence support operations for the newly established Marine Special Operations Command (MARSOC) that will be stationed aboard Camp Lejeune. MARSOC's intelligence mission is to plan, direct, collect, process, produce and disseminate intelligence and provide counterintelligence in support of special operations task forces. A suitable facility will incorporate administrative offices, workspaces for information analysis, training, management, unmanned aerial vehicle (UAV) storage, and support facilities for the systems support of digital equipment and deployable digital intelligence systems.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide Intel operations facility for MARSOC. Military Construction (MILCON) is required to support the stand-up of this command. As a special operations unit, MARSOC has some unique facilities and infrastructure</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MARSOC Intelligence Operations Fac	
5. Program Element 0216496M	6. Category Code 14365	7. Project Number P1177	8. Project Cost (\$000) 20,430	
<p>needs. These include such things as a consolidated compound with the ability to provide a high-level of security and isolation from outside traffic; billeting and other support facilities in close proximity to support quick response times and intense training requirements; and facilities that are built to allow for the handling and communication of top secret and sensitive compartmented information (TS/SCI). MARSOC has unique training and operational requirements that are exclusive of Marine Corps requirements. This special operations unit will require isolated facilities for training and mission preparation. All operations will be classified SECRET at minimum and the facilities and compound will have to accommodate these requirements. Additionally, MARSOC will have unique connectivity requirements that may not be tied to NMCI.</p> <p><b>CURRENT SITUATION:</b></p> <p>Facilities do not currently exist at Camp Lejeune to meet the MARSOC requirements for a consolidated compound, nor do they exist to support the TS/SCI requirements that MARSOC has in order to communicate with US Special Operations Command (USSOCOM) and other agencies. The handful of available facilities aboard Camp Lejeune will not support this 1900+ man command; furthermore, these facilities are dispersed throughout the base and do not even come close to meeting MARSOC's requirements, especially for TS/SCI communications.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If these MILCON facilities requirements are not met, Camp Lejeune will not be able to support the mandate of the Secretary of Defense and the guidance of HQMC to base the MARSOC headquarters and 75 percent of the forces at Camp Lejeune. The Marine Corps would then have to either seek another location to base this command, or respond to the Secretary of Defense that they are unable to meet the requirement to stand-up MARSOC.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				012006
(B) Date 35% Design or Parametric Cost Estimate Complete				052006
(C) Date Design Completed				022007
(D) Percent Completed as of SEPTEMBER 2005				0%
(E) Percent Completed as of JANUARY 2006				10%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Intelligence Operations Fac		
5. Program Element 0216496M	6. Category Code 14365	7. Project Number P1177	8. Project Cost (\$000) 20,430	
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$850
(A) Production of Plans and Specifications				\$500
(B) All other Design Costs				\$350
(C) Total				\$850
(D) Contract				\$700
(E) In-House				\$150
4. Contract Award				062007
5. Construction Start				082007
6. Construction Complete				062009
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Collateral Equipment (Expense)	O&MMC	2008	561.965	
IDS Equipment	PMC	2008	100	
NMCI Connection Cost; 247 seats	OPN	2008	146.55	
Telecommunications Equipment	PMC	2008	50	
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: W. L. BRANT		Phone No: (910) 451-1833		

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Maintenance Complex		
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1178	8. Project Cost (\$000) 22,117	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MARSOC MAINTENANCE COMPLEX	LS			14,160
ELEC/COMM MAINT (60,472 SF)	m2	5,618	1,370.76	(7,700)
MOTOR TRANSPORTATION SHOP (31,301 SF)	m2	2,908	1,704.16	(4,960)
TELECOMMUNICATION ROOM (NMCI) (958 SF)	m2	89	3,063.4	(270)
ELEVATED WASH RACK	EA	3	34,730.08	(100)
GRIT CHAMBER/OWS	EA	1	35,150	(40)
PUMPHOUSE-HIGH PRESSURE STEAM CLEANERS (646 SF)	m2	60	1,038.35	(60)
WASH PAD	EA	2	10,256.62	(20)
FUELING POINTS	EA	3	36,465.33	(110)
BUILT-IN EQUIPMENT	LS			(380)
TECHNICAL OPERATING MANUALS	LS			(190)
INFORMATION SYSTEMS	LS			(270)
ANTI-TERRORISM/FORCE PROTECTION	LS			(60)
SUPPORTING FACILITIES				5,100
SPECIAL FOUNDATION FEATURES	LS			(750)
ELECTRICAL UTILITIES	LS			(750)
MECHANICAL UTILITIES	LS			(410)
PAVING AND SITE IMPROVEMENTS	LS			(1,950)
SITE PREPARATIONS	LS			(1,110)
ENVIRONMENTAL MITIGATION	LS			(60)
ANTI-TERRORISM/FORCE PROTECTION	LS			(70)
SUBTOTAL				19,260
CONTINGENCY (5%)				960
TOTAL CONTRACT COST				20,220
SIOH (5.7%)				1,150
SUBTOTAL				21,370
DESIGN/BUILD - DESIGN COST				770
TOTAL REQUEST ROUNDED				22,140
TOTAL REQUEST				22,117
EQUIPMENT FROM OTHER APPROPRIATIONS				(677)

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Maintenance Complex		
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1178	8. Project Cost (\$000) 22,117	
(NON ADD)				
<b>10. Description of Proposed Construction</b>				
<p>Construct a maintenance complex. Construction will include drive through equipment maintenance bays, battery room, tool storage, parts storage, administrative space, publications library, tire shop, boat repair shop, electronics/communications repair space, classroom space, showers and lockers. Special construction features include pile foundations with reinforced concrete footings. Sustainable design features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders. Built in equipment includes standing seam metal roof, 10-ton bridge crane, vehicle lifts, and vehicle exhaust system. Electrical systems include fire alarms and energy saving electronic monitoring and control system (EMCS). Mechanical systems include plumbing, fire protection systems, fire pump and Heating Ventilation and Air Conditioning (HVAC). Information Systems will include telephone, Local Area Network (LAN), and voice and data communication systems. Project will require 275 NMCI seats. Paving and site improvements include exterior site and building lighting, paved parking and roadways, intersection improvements and traffic signals, sidewalks, storm water management, environmental protection measures, clearing and grubbing, earthwork, fill, grading, landscaping, security fencing, and building and roadway signage. Also included are Technical Operating Manuals, Anti-Terrorism/Force Protection features, and necessary environmental mitigation.</p>				
<b>11. Requirement:</b>				
<b>Adequate:</b>				
<b>Substandard:</b>				
<b>PROJECT:</b>				
<p>This project will provide a maintenance facility for inspection, maintenance, and repair of combat vehicles, automotive vehicles, boats, and communications/electronic equipment in support of the newly established Marine Special Operations Command (MARSOC) that will be stationed aboard Camp Lejeune.</p> <p><b>(New Mission)</b></p>				
<b>REQUIREMENT:</b>				
<p>Provide electronic communication maintenance and motor transportation/boat /utilities maintenance facilities to support the newly-established MARSOC. Military Construction (MILCON) is required to support the stand-up of this command. As a special operations unit, MARSOC has some unique facilities and infrastructure needs. These include such things as a consolidated compound with the ability to provide a high-level of security and isolation from outside traffic; billeting and other support facilities in close proximity to support quick response times and intense training</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Maintenance Complex		
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1178	8. Project Cost (\$000) 22,117	
<p>requirements; and facilities that are built to allow for the handling and communication of top secret and sensitive compartmented information (TS/SCI).MARSOC has unique training and operational requirements that are exclusive of Marine Corps requirements. This special operations unit will require isolated facilities for training and mission preparation. All operations will be classified SECRET at minimum and the facilities and compound will have to accommodate these requirements.</p> <p><b>CURRENT SITUATION:</b></p> <p>Facilities do not currently exist at Camp Lejeune to meet the MARSOC requirements for a consolidated compound, nor do they exist to support the TS/SCI requirements that MARSOC has in order to communicate with US Special Operations Command (USSOCOM) and other agencies. The handful of available facilities aboard Camp Lejeune will not support this 1900+ man command; furthermore, these facilities are dispersed throughout the base and do not even come close to meeting MARSOC's requirements, especially for TS/SCI communications.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If these MILCON facilities requirements are not met Camp Lejeune will not be able to support the mandate of the Secretary of Defense and the guidance of HQMC to base the MARSOC headquarters and 75 percent of the forces at Camp Lejeune. The Marine Corps would then have to either seek another location to base this command, or respond to the Secretary of Defense that they are unable to meet the requirement to stand-up MARSOC.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				012006
(B) Date 35% Design or Parametric Cost Estimate Complete				052006
(C) Date Design Completed				022007
(D) Percent Completed as of SEPTEMBER 2005				0%
(E) Percent Completed as of JANUARY 2006				10%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$850
(A) Production of Plans and Specifications				\$500
(B) All other Design Costs				\$350
(C) Total				\$850
(D) Contract				\$700

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Maintenance Complex		
5. Program Element 0216496M	6. Category Code 61072	7. Project Number P1178	8. Project Cost (\$000) 22,117	
(E) In-House				\$150
4. Contract Award				062007
5. Construction Start				082007
6. Construction Complete				062009
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment (Expense)		O&MMC	2008	561.965
NMCI Connection Cost; 169 seats		OPN	2008	65.35
Telecommunications Equipment		PMC	2008	50
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Larry Brant		Phone No: (910) 451-1833		



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC BEQ		
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1182	8. Project Cost (\$000) 61,905	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MARSOC BEQ	LS			49,080
MARSOC BEQ (239,497 SF)	m2	22,250	1,580.17	(35,160)
TRANSIENT/TRAINING BARRACKS (28,729 SF)	m2	2,669	1,791.65	(4,780)
UPGRADE LIFT STATIONS(M350, TT99, G575) (5,081 SF)	m2	472	1,987.21	(940)
COMMUNICATIONS TOWER	EA	1	148,542.21	(150)
PARADE DECK (29,999 SF)	m2	2,787	104.19	(290)
SEWAGE LIFT STATION (5,102 SF)	m2	474	1,986.79	(940)
BUILT-IN EQUIPMENT	LS			(1,100)
TECHNICAL OPERATING MANUALS	LS			(430)
INFORMATION SYSTEMS	LS			(670)
ANTI-TERRORISM/FORCE PROTECTION	LS			(210)
SPECIAL COSTS	LS			(4,410)
SUPPORTING FACILITIES				4,770
SPECIAL FOUNDATION FEATURES	LS			(700)
ELECTRICAL UTILITIES	LS			(480)
MECHANICAL UTILITIES	LS			(340)
PAVING AND SITE IMPROVEMENTS	LS			(2,620)
SITE PREPARATIONS	LS			(270)
ENVIRONMENTAL MITIGATION	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(210)
SUBTOTAL				53,850
CONTINGENCY (5%)				2,690
TOTAL CONTRACT COST				56,540
SIOH (5.7%)				3,220
SUBTOTAL				59,760
DESIGN/BUILD - DESIGN COST				2,150
TOTAL REQUEST ROUNDED				61,910
TOTAL REQUEST				61,905
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,198)
<b>10. Description of Proposed Construction</b>				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MARSOC BEQ	
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1182	8. Project Cost (\$000) 61,905	
<b>(New Mission)</b>				
<b>REQUIREMENT:</b>				
Military Construction is required to support SecDef-mandated Marine Special Operations Command (MARSOC) initiatives recently promulgated as a result of the Marine Corps ever increasing role in the Global War on Terrorism (GWOT). This project provides efficiently configured Bachelor Enlisted Quarters to support the establishment of a MARSOC at Camp Lejeune.				
<b>CURRENT SITUATION:</b>				
The Secretary of Defense directed the standup of a Marine Corps component of the Special Operations Command. Current plans call for MARSOC to be integrated as a operational unit under the control Special Operations Command. No existing facilities exist at Camp Lejeune to support the stand up of MARSOC. There are currently no other BEQ's available to support MARSOC even as an interim, short term, solution to stated facility requirements.				
<b>IMPACT IF NOT PROVIDED:</b>				
The Marine Corps Bachelor Housing Master Plan Goal of eliminating all inadequate room configured/ganghead barracks will not be achieved. If this project is not provided, there will be no facilities to support the new MARSOC Marines assigned to Camp Lejeune.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				012006
(B) Date 35% Design or Parametric Cost Estimate Complete				052006
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				0%
(E) Percent Completed as of JANUARY 2006				10%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$950
(A) Production of Plans and Specifications				\$850
(B) All other Design Costs				\$100
(C) Total				\$950
(D) Contract				\$80
(E) In-House				\$870

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC BEQ		
5. Program Element 0216496M	6. Category Code 72124	7. Project Number P1182	8. Project Cost (\$000) 61,905	
4. Contract Award		122006		
5. Construction Start		022007		
6. Construction Complete		122008		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Collateral Equipment		O&MMC	2008	2,176.529
NMCI Connection Cost; 8 seats		OPN	2008	21.2
C. FY 2005 R&M Conducted (\$000):				
D. FY 2006 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: W. L. BRANT			Phone No: 910-451-1833	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MARSOC Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1184	8. Project Cost (\$000) 13,420	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MARSOC ENLISTED DINING FACILITY (32,862 SF)	m2	3,053		6,320
DINING FACILITY (21,840 SF)	m2	2,029	2,757.94	(5,600)
AMBULANCE SHELTER (1,119 SF)	m2	104	824.47	(90)
HELICOPTER LANDING PAD (9,903 SF)	m2	920	129.07	(120)
BUILT-IN EQUIPMENT	LS			(210)
TECHNICAL OPERATING MANUALS	LS			(200)
INFORMATION SYSTEMS	LS			(70)
ANTI-TERRORISM/FORCE PROTECTION	LS			(30)
SUPPORTING FACILITIES				5,360
SPECIAL FOUNDATION FEATURES	LS			(320)
ELECTRICAL UTILITIES	LS			(770)
MECHANICAL UTILITIES	LS			(750)
PAVING AND SITE IMPROVEMENTS	LS			(2,020)
SITE PREPARATIONS	LS			(1,070)
DEMOLITION	LS			(230)
ENVIRONMENTAL MITIGATION	LS			(170)
ANTI-TERRORISM/FORCE PROTECTION	LS			(30)
SUBTOTAL				11,680
CONTINGENCY (5%)				580
TOTAL CONTRACT COST				12,260
SIOH (5.7%)				700
SUBTOTAL				12,960
DESIGN/BUILD - DESIGN COST				470
TOTAL REQUEST ROUNDED				13,430
TOTAL REQUEST				13,420
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,860)
<b>10. Description of Proposed Construction</b>				
Construct an Enlisted Dining Facility with reinforced concrete masonry unit (CMU) walls, structural steel framing, reinforced concrete slab and floors, and standing seam metal roof. Construction will include galley, food service area, and dining area. Facility shall also include a drive-up window for food distribution. Interior finishes to be carpeting/vinyl				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MARSOC Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1184	8. Project Cost (\$000) 13,420	
<p>composition tile, suspended acoustical/painted wallboard ceilings. Special construction features include pile foundations with reinforced concrete footings. Sustainable features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes standing seam metal roof and a back-up generator. Electrical systems include fire alarms. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Information systems include telephone, Local Area Network (LAN), Cable Television (CATV) and data communication systems. Paving and site improvements include helicopter landing pad, ambulance shelter, pavement striping, directional signage, concrete sidewalks, curbs and gutters, paved and lighted parking, earthwork, grading and landscaping. Project includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, and necessary environmental mitigation. This project also includes demolition of existing meshall, RR3.</p>				
<p><b>11. Requirement:</b> <u>3,053 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>This project constructs a consolidated messhall at Stone Bay in support of MARSOC military personnel plus Weapons Training Battalion and USMC Reserve Center personnel that are also stationed in this area. Military Construction is required to support SecDef-mandated MARSOC initiatives recently promulgated as a result of the Marine Corps ever increasing role in the Global War on Terrorism (GWOT).</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate enlisted dining facility in support of increased numbers of military personnel at Camp Lejeune.</p> <p><b>CURRENT SITUATION:</b></p> <p>The Secretary of Defense directed the standup of a Marine Corps component of the Special Operations Command. Current plans call for MARSOC to be integrated as an operational unit under the control of U.S. Special Operations Command. No existing facilities exist at Camp Lejeune to support the stand up of MARSOC. A review of demographic statistics by Base Food Service Officer indicates that the base has a requirement for an additional messhall to adequately support these additional personnel.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The addition of personnel to Camp Lejeune will severely jeopardize and restrict operational capabilities to successfully accomplish the Food Services mission.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006																
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Enlisted Dining Facility																		
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1184	8. Project Cost (\$000) 13,420																	
<p>1. Status:</p> <p>(A) Date Design or Parametric Cost Estimate Started 012006</p> <p>(B) Date 35% Design or Parametric Cost Estimate Complete 052006</p> <p>(C) Date Design Completed 092006</p> <p>(D) Percent Completed as of SEPTEMBER 2005 0%</p> <p>(E) Percent Completed as of JANUARY 2006 10%</p> <p>(F) Type of Design Contract Design Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy study/Life cycle analysis performed No</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design:</p> <p>(B) Where Design Was Previously Used:</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$400</p> <p>(A) Production of Plans and Specifications \$300</p> <p>(B) All other Design Costs \$100</p> <p>(C) Total \$400</p> <p>(D) Contract \$100</p> <p>(E) In-House \$300</p> <p>4. Contract Award 122006</p> <p>5. Construction Start 022007</p> <p>6. Construction Complete 122008</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th colspan="3"><u>Procuring FY Approp</u></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Collateral Equipment</td> <td>O&amp;MMC</td> <td>2008</td> <td>1,839.225</td> </tr> <tr> <td>NMCI connection cost: 3 seats</td> <td>OPN</td> <td>2008</td> <td>20.45</td> </tr> </tbody> </table> <p>C. FY 2005 R&amp;M Conducted (\$000):</p> <p>D. FY 2006 R&amp;M Conducted (\$000):</p> <p>E. Future R&amp;M Requirements (\$000):</p> <p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.</p> <p>Activity POC: W. L. BRANT Phone No: 910-451-1833 (DSN 751)</p>					<u>Equipment</u>	<u>Procuring FY Approp</u>			<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	Collateral Equipment	O&MMC	2008	1,839.225	NMCI connection cost: 3 seats	OPN	2008	20.45
<u>Equipment</u>	<u>Procuring FY Approp</u>																			
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																	
Collateral Equipment	O&MMC	2008	1,839.225																	
NMCI connection cost: 3 seats	OPN	2008	20.45																	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC Enlisted Dining Facility	
5. Program Element 0216496M	6. Category Code 72210	7. Project Number P1184	8. Project Cost (\$000) 13,420
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC BATTALION AID STATION		
5. Program Element 0216496M	6. Category Code 55010	7. Project Number P1189	8. Project Cost (\$000) 3,478	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MARSOC BATTALION AID STATION (10,958 SF)	m2	1,018		2,730
MEDICAL/BAS FACILITY (10,958 SF)	m2	1,018	2,606.17	(2,650)
TECHNICAL OPERATING MANUALS	LS			(50)
INFORMATION SYSTEMS	LS			(30)
SUPPORTING FACILITIES				290
ELECTRICAL UTILITIES	LS			(150)
MECHANICAL UTILITIES	LS			(80)
SITE PREPARATIONS	LS			(60)
SUBTOTAL				3,020
CONTINGENCY (5%)				150
TOTAL CONTRACT COST				3,170
SIOH (5.7%)				180
SUBTOTAL				3,350
DESIGN/BUILD - DESIGN COST				120
TOTAL REQUEST ROUNDED				3,470
TOTAL REQUEST				3,478
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(26)
<b>10. Description of Proposed Construction</b>				
<p>Construct a medical/dental facility which will include exam rooms, pharmacy, x-ray room, laboratory, storage, administrative space, locker rooms, and restrooms. Interior finishes to be vinyl composition tile, suspended acoustical/painted wallboard ceilings. Special construction features include pile foundations with reinforced concrete footings. Sustainable features will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Built-in equipment includes standing seam metal roof and a back-up generator. Electrical systems include fire alarms. Mechanical systems include plumbing, fire protection systems, heating ventilation and air conditioning. Information systems include telephone, Local Area Network (LAN), Cable Television (CATV) and data communication systems. Paving and site improvements include pavement striping, directional signage, concrete sidewalks, curbs and gutters, paved and lighted parking, earthwork, grading and landscaping. Project includes Technical Operating Manuals and Anti-Terrorism/Force Protection features,</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC BATTALION AID STATION		
5. Program Element 0216496M	6. Category Code 55010	7. Project Number P1189	8. Project Cost (\$000) 3,478	
necessary environmental mitigation.				
<b>11. Requirement:</b> <u>697 m2</u> <b>Adequate:</b> <b>Substandard:</b> <b>PROJECT:</b> This project constructs a medical/dental facility in support of military personnel of MARSOC. Military Construction is required to support SecDef mandated Marine Special Operations Command (MARSOC) initiatives recently promulgated as a result of the Marine Corps ever increasing role in the Global War on Terrorism (GWOT). <b>(New Mission)</b> <b>REQUIREMENT:</b> Adequate medical/dental facilities in support of the newly established MARSOC located at the Rifle Range area of Camp Lejeune. <b>CURRENT SITUATION:</b> The Secretary of Defense directed the standup of a Marine Corps component of the Special Operations Command. Current plans call for MARSOC to be integrated as an operational unit under the control U.S. Special Operations Command. No existing facilities exist at Camp Lejeune to support the stand up of MARSOC. <b>IMPACT IF NOT PROVIDED:</b> If these MILCON facilities requirements are not met, Camp Lejeune will not be able to support the mandate of the Secretary of Defense and the guidance of HQMC to base the MARSOC headquarters and 75 percent of the forces at Camp Lejeune. The Marine Corps would then have to either seek another location to base this command, or respond to the Secretary of Defense that they are unable to meet the requirement to stand-up MARSOC.				
<b>12. Supplemental Data:</b> A. Estimated Design Data: 1. Status: (A) Date Design or Parametric Cost Estimate Started 012006 (B) Date 35% Design or Parametric Cost Estimate Complete 052006 (C) Date Design Completed 022007 (D) Percent Completed as of SEPTEMBER 2005 0% (E) Percent Completed as of JANUARY 2006 10% (F) Type of Design Contract Design Build (G) Parametric Estimate used to develop cost Yes (H) Energy study/Life cycle analysis performed No 2. Basis: (A) Standard or Definitive Design: No (B) Where Design Was Previously Used: 3. Total Cost (C) = (A) + (B) = (D) + (E) : \$300 (A) Production of Plans and Specifications \$250 (B) All other Design Costs \$50				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA			4. Project Title MARSOC BATTALION AID STATION	
5. Program Element 0216496M	6. Category Code 55010	7. Project Number P1189	8. Project Cost (\$000) 3,478	
(C) Total				\$300
(D) Contract				\$50
(E) In-House				\$250
4. Contract Award				042007
5. Construction Start				062007
6. Construction Complete				042008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procurring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested Cost (\$000)</u>		
NMCII Seats (42)		OPN	2008	26.3
JOINT USE CERTIFICATION:				
The (CERTIFYING OFFICIAL) certifies that this project has been considered for joint use potential. (TYPE OF CONSTRUCTION RECOMMENDED) is recommended. (UNILATERAL STATEMENT, if Unilateral Construction is selected)				
Activity POC: W. L. BRANT		Phone No: 910-451-1833		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title MARSOC BATTALION AID STATION	
5. Program Element 0216496M	6. Category Code 55010	7. Project Number P1189	8. Project Cost (\$000) 3,478
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Ammunition Supply Point Upgrade (Ph 2)		
5. Program Element 0206496M	6. Category Code 42122	7. Project Number P126	8. Project Cost (\$000) 7,610	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AMMUNITION SUPPLY POINT UPGRADE (PH 2) (21,356 SF)	m2	1,984		4,660
HE MAGAZINE #1 (2,215 SF)	m2	205.75	2,432.92	(500)
HE MAGAZINE #2 (2,215 SF)	m2	205.75	2,432.92	(500)
HE MAGAZINE #3 (2,215 SF)	m2	205.75	2,432.92	(500)
HE MAGAZINE #4 (2,215 SF)	m2	205.75	2,432.92	(500)
SA MAGAZINE #1 (6,248 SF)	m2	580.5	2,196.82	(1,280)
SA MAGAZINE #2 (6,248 SF)	m2	580.5	2,196.82	(1,280)
TECHNICAL OPERATING MANUALS	LS			(100)
SUPPORTING FACILITIES				1,950
SPECIAL FOUNDATION FEATURES	LS			(170)
ELECTRICAL UTILITIES	LS			(270)
MECHANICAL UTILITIES	LS			(180)
PAVING AND SITE IMPROVEMENTS	LS			(570)
SITE PREPARATIONS	LS			(640)
DEMOLITION	LS			(90)
ENVIRONMENTAL	LS			(30)
SUBTOTAL				6,610
CONTINGENCY (5%)				330
TOTAL CONTRACT COST				6,940
SIOH (5.7%)				400
SUBTOTAL				7,340
DESIGN/BUILD - DESIGN COST				260
TOTAL REQUEST ROUNDED				7,600
TOTAL REQUEST				7,610
<b>10. Description of Proposed Construction</b>				
Construct two (2) reinforced concrete, above ground Small Arms Magazines and four reinforced concrete (4) Earth Covered Magazines (ECMs) with earthen barricades and pallet and equipment staging areas. Special foundation features include piles. Electrical utilities include wiring for intrusion detection system (IDS), primary electrical distribution, lightning protection at vehicle staging and magazines, area lighting, and pole mounted transformer. Mechanical utilities include water distribution, fire hydrants, storm drainage pipes, and storm drainage structures. Paving				



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Ammunition Supply Point Upgrade (Ph 2)		
5. Program Element 0206496M	6. Category Code 42122	7. Project Number P126	8. Project Cost (\$000) 7,610	
(C) Date Design Completed 092006 (D) Percent Completed as of SEPTEMBER 2005 2% (E) Percent Completed as of JANUARY 2006 15% (F) Type of Design Contract Design Build (G) Parametric Estimate used to develop cost Yes (H) Energy study/Life cycle analysis performed No 2. Basis: (A) Standard or Definitive Design: Yes (B) Where Design Was Previously Used: FY 02 P886 MCB Camp Lejeune 3. Total Cost (C) = (A) + (B) = (D) + (E) : \$577 (A) Production of Plans and Specifications \$433 (B) All other Design Costs \$144 (C) Total \$577 (D) Contract \$361 (E) In-House \$216 4. Contract Award 112006 5. Construction Start 122006 6. Construction Complete 082008 B. Equipment associated with this project which will be provided from other appropriations: NONE JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Larry Brant Phone No: (910) 451-3034				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE CAMP LEJEUNE, NORTH CAROLINA		4. Project Title Ammunition Supply Point Upgrade (Ph 2)	
5. Program Element 0206496M	6. Category Code 42122	7. Project Number P126	8. Project Cost (\$000) 7,610

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 06 FEB 2006				
3. Installation and Location: M62573 MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index .96					
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL	
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
	A. As Of 09/30/05	31	322	142	0	232	0	618	4452	215	6012
B. End FY 2012	29	213	140	116	349	0	655	4502	372	6376	
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..( Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....										0	
C. AUTHORIZATION NOT YET IN INVENTORY .....										43,910	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										21,500	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										3,818	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										28,811	
G. REMAINING DEFICIENCY .....										0	
<b>H. GRAND TOTAL .....</b>										<b>98,039</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>			<u>Start</u>	<u>Complete</u>	<u>Scope</u>			<u>(\$000)</u>		
21105	Aircraft Maintenance Hangar			09/2003	10/2006	7290 m2			21,500		
<b>TOTAL</b>										<b>21,500</b>	
9. Future Projects:											
A. Included In The Following Program:											
17955 Combat Training Tank							LS	3,818			
<b>TOTAL</b>										<b>3,818</b>	
B. Major Planned Next Three Years:											
21105 Aircraft Hangar Addition							LS	6,463			
11210 Parallel Taxiway						128224 SY	1,926				
11110 Runway Extension						3704 SY	1,515				
72111 Bachelor Enlisted Quarters							LS	18,907			
<b>TOTAL</b>										<b>28,811</b>	
C. R&M Unfunded Requirement (\$000):											
										9,370	
10. Mission or Major Functions:											
Provides facilities, services, and material necessary to support major rotary wing elements of a Marine Aircraft Wing, including aircraft 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(*):										0	
B. Occupational Safety and Health(OSH)(#):										0	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M62573 MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index .96

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA		4. Project Title Aircraft Maintenance Hangar		
5. Program Element 0206496M	6. Category Code 21105	7. Project Number P526	8. Project Cost (\$000) 21,500	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
AIRCRAFT MAINTENANCE HANGAR (78,469 SF)	m2	7,290		17,070
MAINT HANGAR-O/H SPACE (40,731 SF)	m2	3,784	1,793.44	(6,790)
MAINT HANGAR- (37,738 SF)	m2	3,506	2,274.47	(7,970)
BUILT-IN EQUIPMENT	LS			(640)
TECHNICAL OPERATING MANUALS	LS			(150)
INFORMATION SYSTEMS	LS			(360)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
SPECIAL COSTS	LS			(1,080)
SUPPORTING FACILITIES				1,740
SPECIAL FOUNDATION FEATURES	LS			(500)
ELECTRICAL UTILITIES	LS			(230)
MECHANICAL UTILITIES	LS			(140)
PAVING AND SITE IMPROVEMENTS	LS			(470)
SITE PREPARATIONS	LS			(30)
DEMOLITION	LS			(90)
ENVIRONMENTAL MITIGATION	LS			(280)
SUBTOTAL				18,810
CONTINGENCY (5%)				940
TOTAL CONTRACT COST				19,750
SIOH (5.7%)				1,130
SUBTOTAL				20,880
DESIGN/BUILD - DESIGN COST				750
TOTAL REQUEST ROUNDED				21,630
TOTAL REQUEST				21,500
<b>10. Description of Proposed Construction</b>				
<p>Construct a multi-story aircraft maintenance hangar to provide hangar bay, shop space, flight line operations, and maintenance functions. Construction will be steel frame construction with suspended cantilever trusses supporting the hangar bay roof. Roof will be a standing seam metal roof over rigid insulation on steel roof deck supported by steel joists. Second floor framing will be concrete on steel floor decking. Exterior walls will be metal siding on the hangar bays and concrete masonry on the</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA		4. Project Title Aircraft Maintenance Hangar		
5. Program Element 0206496M	6. Category Code 21105	7. Project Number P526	8. Project Cost (\$000) 21,500	
<p>operations/admin. area, with thermally efficient windows and doors. Ground floor will be slab on grade with embedded grounding grid, floor drainage system, and oil/water separator in the hangar bays. Sustainable features will be included in the design, development, and construction of this project in accordance with Executive Order 13123 and other laws and executive orders. Electrical systems include fire protection (sprinkler and AFFF), mechanical/electrical support systems, and telephone system with intercom/PA. Built-in equipment includes a freight elevator and bridge crane. Site improvements include POV parking and landscaping. Mechanical systems include steam/hot water converter and HVAC system for Admin spaces and selected maintenance areas. Supporting facilities include an aircraft parking apron with edge lighting, aircraft wash aprons, vehicle parking, flammable storage, security fencing and lighting, communication lines for NALCOMIS and Weather vision systems, foundation piling, access roadways, water supply line, sanitary sewer lines, and underground electrical service. Demolition includes hangar AS504.</p>				
<p><b>11. Requirement:</b> <u>31,554 m2</u> <b>Adequate:</b> <u>13,962 m2</u> <b>Substandard:</b> <u>8,090 m2</u></p> <p><b>PROJECT:</b></p> <p>This project constructs a new aircraft maintenance hangar and will demolish an inadequate hangar (AS504). This hangar will provide maintenance and administration spaces for one operating squadron plus a training and maintenance organization.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide adequate and efficiently configured facilities to accommodate aircraft maintenance for a Joint Fleet Readiness training squadron (VMMT-204) with 40 aircraft, to include administrative offices, training classrooms, ready rooms, and maintenance shops.</p> <p><b>CURRENT SITUATION:</b></p> <p>VMMT-204 will train all Fleet Marine Force, Department of Defense, Reserve, Refresher, and Conversion pilots in V-22 flight requirements. Each squadron/person undergoing the transition process at New River will train for approximately 6 months on trainers, simulators, and a pool of V-22 aircraft. The current hangar bay configuration does not allow for efficient utilization of the existing square footage. Aircraft will have to be hangared in multiple rows of three deep, thereby causing inefficient use of space, which creates significant problems for the maintenance personnel, maintenance down time, and scheduling problems moving aircraft in and around hangared aircraft that may be in various states of maintenance/repair. The existing facility has numerous structural cracks in the masonry structure, which has created severe moisture problems throughout the entire building. Constant cleaning of the walls,</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M62573 MARINE CORPS AIR STATION NEW RIVER JACKSONVILLE, NORTH CAROLINA		4. Project Title Aircraft Maintenance Hangar		
5. Program Element 0206496M	6. Category Code 21105	7. Project Number P526	8. Project Cost (\$000) 21,500	
<p>replacement of ceiling/floor tiles and/or carpet, repainting, and variety of other maintenance deficiencies are required on a regular basis at considerable cost to the government. Problems exist in the structural integrity of the supporting walls that appear to be shifting laterally, to include the roofing which has been replaced three times in the last 7 years.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>MCAS New River will not be able to adequately support the mission requirements for the V-22 squadrons and combat effectiveness and efficiency will suffer. The mission requirements to implement the V-22 aircraft create not only hangar deficiency situations that are operationally unsatisfactory, but also aircraft parking and taxiway travel problems that will be a hazard to aviation safety.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092003
(B) Date 35% Design or Parametric Cost Estimate Complete				092006
(C) Date Design Completed				102006
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				10%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$580
(A) Production of Plans and Specifications				\$500
(B) All other Design Costs				\$80
(C) Total				\$580
(D) Contract				\$80
(E) In-House				\$500
4. Contract Award				122006
5. Construction Start				042007
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006		
3. Installation and Location: N60191 NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA					4. Command Commander Navy Installations			5. Area Const Cost Index .87		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	0	0	0	0	0	0	0	0	0
B. End FY 2012	0	0	0	0	0	0	0	0	0	0
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..( Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										0
C. AUTHORIZATION NOT YET IN INVENTORY .....										15,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										7,926
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										106,886
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										39,509
G. REMAINING DEFICIENCY .....										39,428
<b>H. GRAND TOTAL .....</b>										<b>208,749</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
11110	Outlying Landing Field Facilities Inc 4 of 4	06/2002	12/2003	0 LS	7,926					
<b>TOTAL</b>										<b>7,926</b>
9. Future Projects:										
A. Included In The Following Program:										
11110	Outlying Landing Field Facilities Inc 5 of 5			LS	14,492					
91110	Outlying Landing Field Land Acq Inc 2 of 4			LS	92,394					
<b>TOTAL</b>										<b>106,886</b>
B. Major Planned Next Three Years:										
91110	Outlying Landing Field Land Acq Inc 3 of 4			15000 AC	39,509					
<b>TOTAL</b>										<b>39,509</b>
C. R&M Unfunded Requirement (\$000):										160,952
10. Mission or Major Functions:										
Provide logistics and support functions for east coast tactical aircraft training operations.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N60191 NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA	4. Command Commander Navy Installations	5. Area Const Cost Index .87

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N60191 NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA		4. Project Title Outlying Landing Field (OLF) Facs Inc 4 of 5	
5. Program Element 0203176N	6. Category Code 11110	7. Project Number P689C	8. Project Cost (\$000) Auth 0 Approp 7,926 Auth for Approp 7,926

**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
OUTLYING LANDING FIELD (OLF) FACS INC 4 OF 5	LS			38,820
RUNWAY	LS			(18,520)
APPROACH LIGHTING	EA	2	706,547.16	(1,410)
SIMULATED CARRIER DECK LIGHTING	EA	2	606,715.25	(1,210)
RUNWAY/TAXIWAY LIGHTING	EA	1	1,211,223.69	(1,210)
LAND INTEREST ACQUISITION AND RELOCATION	AC	3,000	5,055.96	(15,170)
TECHNICAL OPERATING MANUALS	LS			(100)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,200)
SUPPORTING FACILITIES				15,270
ELECTRICAL UTILITIES	LS			(1,800)
MECHANICAL UTILITIES	LS			(2,100)
ENVIRONMENTAL MITIGATION	LS			(1,300)
GRADING AND LANDSCAPING	LS			(950)
ROADWAY AND PAVING	LS			(8,400)
SITE IMPROVEMENTS	LS			(720)
SUBTOTAL				54,090
CONTINGENCY (5%)				2,700
TOTAL CONTRACT COST				56,790
SIOH (6%)				3,410
SUBTOTAL				60,200
DESIGN/BUILD - DESIGN COST				1,510
FINANCED FROM PRIOR YEARS	LS			-20,412
LESS FUTURE FUNDING	LS			-14,492
LESS INCREMENT I FUNDING	LS			-3,610
LESS INCREMENT II FUNDING	LS			-15,000
LESS SIOH REDUCTION	LS			-270
TOTAL REQUEST ROUNDED				7,926
TOTAL REQUEST				7,926

**10. Description of Proposed Construction**

Acquire interests in approximately 3000 acres of land for a new outlying

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N60191 NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA			4. Project Title Outlying Landing Field (OLF) Facs Inc 4 of 5	
5. Program Element 0203176N	6. Category Code 11110	7. Project Number P689C	8. Project Cost (\$000) Auth 0 Approp 7,926 Auth for Approp 7,926	
<p>landing field (OLF) and provide relocation assistance. Project also includes construction of a 2,440 m runway with appropriate clear zones, an aircraft parking apron, 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. Sustainable principles will be integrated into the design development, and construction in accordance with Executive Order 13123 and other laws and executive orders. Technical operating manuals will be included.</p>				
<p><b>11. Requirement: Adequate: Substandard:</b></p> <p><b>PROJECT:</b> Acquire land interests and construct an outlying landing field (OLF). <b>(New Mission)</b></p> <p><b>REQUIREMENT:</b> The OLF will provide facilities and functions to support training and operation of the new F/A-18 E/F (Super Hornet). 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.</p> <p><b>CURRENT SITUATION:</b> The Navy will site eight fleet squadrons and the fleet replacement squadron at Naval Air Station (NAS) Oceana and two fleet squadrons at Marine Corps Air Station (MCAS) Cherry Point, with an Outlying Landing Field (OLF) to be built in Washington County, NC. A new OLF is required to provide operational flexibility, improve the quality of life for Navy personnel and civilians, and most importantly, to meet surge requirements in support of the President's National Defense Strategy. The first Super Hornet Squadron should stand up at NAS Oceana in 2004 with the entire beddown complete by 2010.</p> <p><b>IMPACT IF NOT PROVIDED:</b> 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.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data: 1. Status: (A) Date Design or Parametric Cost Estimate Started 062002</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N60191 NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA			4. Project Title Outlying Landing Field (OLF) Facs Inc 4 of 5	
5. Program Element 0203176N	6. Category Code 11110	7. Project Number P689C	8. Project Cost (\$000) Auth 0 Approp 7,926 Auth for Approp 7,926	
(B) Date 35% Design or Parametric Cost Estimate Complete		122003		
(C) Date Design Completed		122003		
(D) Percent Completed as of SEPTEMBER 2005		100%		
(E) Percent Completed as of JANUARY 2006		100%		
(F) Type of Design Contract		Design Build		
(G) Parametric Estimate used to develop cost		Yes		
(H) Energy study/Life cycle analysis performed		Yes		
2. Basis:				
(A) Standard or Definitive Design:		No		
(B) Where Design Was Previously Used:		N/A		
3. Total Cost (C) = (A) + (B) = (D) + (E) :		\$2,000		
(A) Production of Plans and Specifications		\$1,500		
(B) All other Design Costs		\$500		
(C) Total		\$2,000		
(D) Contract		\$1,500		
(E) In-House		\$500		
4. Contract Award		042004		
5. Construction Start		052004		
6. Construction Complete		062009		
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Andrew Porter			Phone No: (747) 433-2226	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N60191 NAVAL AIR STATION OCEANA PLYMOUTH, NORTH CAROLINA		4. Project Title Outlying Landing Field (OLF) Facs Inc 4 of 5	
5. Program Element 0203176N	6. Category Code 11110	7. Project Number P689C	8. Project Cost (\$000) Auth 0 Approp 7,926 Auth for Approp 7,926

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 06 FEB 2006			
3. Installation and Location: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA				4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.05				
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	48	442	236	0	18	0	362	3237	641
B. End FY 2012	41	342	285	2	30	16	388	3092	671	4867
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(6482 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										1,184,102
C. AUTHORIZATION NOT YET IN INVENTORY .....										18,959
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										22,225
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										67,461
G. REMAINING DEFICIENCY .....										22,256
<b>H. GRAND TOTAL .....</b>										<b>1,315,003</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>			
72210	Enlisted Dining Facility	09/2003	11/2006			3287 m2	14,970			
91110	ACUIZ Land Acquisition (Phase 1)	09/2003	09/2005			351 AC	7,255			
<b>TOTAL</b>										<b>22,225</b>
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
14320	EOD/ Ordnance Operations Facility					0 LS	2,726			
17120	Nuclear/Biological/Chemical Facility					5232 SF	1,042			
91110	Land Acquisition (Ph 2)					0 LS	18,219			
17135	F-18 Operational Flight Trainer					10129 SF	3,998			
14112	Air Embarkation Facility					9677 SF	3,237			
74044	Physical Fitness Center					0 LS	14,931			
21860	Ground Support Equipment Shop					LS	7,526			
73010	Fire Station					17685 SF	6,283			
61010	Headquarters Building					LS	2,227			
21105	Aircraft Hangar/ Passenger Terminal					26974 SF	7,272			
<b>TOTAL</b>										<b>67,461</b>
C. R&M Unfunded Requirement (\$000):										
										8,320
10. Mission or Major Functions:										
To administer assigned personnel, maintain and operate facilities, and provide services and material to support operations of a Marine Aircraft Group and other activities and units 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

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.05
B. Occupational Safety and Health(OSH)(#):		0

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA			4. Project Title Enlisted Dining Facility		
5. Program Element 0206496M	6. Category Code 72210	7. Project Number P419	8. Project Cost (\$000) 14,970		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
ENLISTED DINING FACILITY (35,381 SF)		m2	3,287		9,120
ENLISTED DINING FACILITY (35,381 SF)		m2	3,287	2,715.58	(8,930)
TECHNICAL OPERATING MANUALS		LS			(90)
INFORMATION SYSTEMS		LS			(40)
SPECIAL COSTS		LS			(60)
SUPPORTING FACILITIES					3,960
SPECIAL CONSTRUCTION FEATURES		LS			(1,260)
ELECTRICAL UTILITIES		LS			(140)
MECHANICAL UTILITIES		LS			(220)
PAVING AND SITE IMPROVEMENTS		LS			(1,550)
DEMOLITION		LS			(790)
SUBTOTAL					13,080
CONTINGENCY (5%)					650
TOTAL CONTRACT COST					13,730
SIOH (5.7%)					780
SUBTOTAL					14,510
DESIGN/BUILD - DESIGN COST					520
TOTAL REQUEST ROUNDED					15,030
TOTAL REQUEST					14,970
<b>10. Description of Proposed Construction</b>					
<p>Constructs a single story enlisted dining facility. Information systems include wiring for mass notification system, telephone, and local area network (LAN). Special construction features include a pile foundation, relocation of two ball fields, relocation of an obstacle course, and new tennis courts. All built-in kitchen equipment is included in the Primary Facility unit price. Electrical utilities include exterior lighting, electrical distribution, and telephone and LAN connections. Mechanical utilities include fire protection, sanitary sewer systems, storm sewer piping, heating and cooling distribution systems, and relocation of storm line. Paving and site improvements include curbs and gutters, landscaping, earthwork, fill, sidewalks, roads, and parking. Demolition of Building #442 is included in this project. Sustainable features will be included in the design, development, and construction for the project in accordance with Executive Order 13123 and other laws and executive orders.</p>					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA			4. Project Title Enlisted Dining Facility	
5. Program Element 0206496M	6. Category Code 72210	7. Project Number P419	8. Project Cost (\$000) 14,970	
<p><b>11. Requirement:</b>    <u>3,425 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Constucts a new Enlisted Dining Facility meeting current dining access and fire standards, seismic safety standards, and AT/FP requirements. This project includes reconfiguring parking around the BEQs to reduce vehicular/pedestrian conflicts, creates an additional 190 parkings spaces to better integrate the new facility into the adjacent BEQ complex, and demolishes Building #442. Two lighted ball fields currently exist in the footprint of the new facility and will be relocated to a new site.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Provide an adequate and efficiently configured enlisted dining facility to support resident Bachelor Enlisted Marines and Sailors stationed at MCAS Beaufort.</p> <p><b>CURRENT SITUATION:</b></p> <p>The existing 4,783 m2 enlisted dining facility is inadequate due to size, insufficient fire protection, structural condition, and lack of AT/FP features. HVAC infrastructure does not provide adequate heat in the winter and will not remove excess heat (+100 degrees Farenheit) in scullery and pot washing areas. High humidity is causing spoilage in dry food storage areas. Built-in freezers leak due to repetitive damage to doorframes and seals. Doors are too narrow and cannot be replaced with wider units due to width limitations of the freezers. Sanitation inspections by preventative medicine have resulted in deficiencies for improper cold storage as a result of improper control of freezer temperature. Over one million dollars of inventory is subject to damage or loss due to inadequate facility support. The antiquated electrical system is insufficient to power modern equipment. Circuit breakers trip daily and only a portion of the service lines can be used. Fluctuating power results in the inability to maintain temperature of hot and cold foods creating a potential food hazard. The female head is condemned due to mold and fungus occurring as a result of poor ventilation and electrical hazard. Building deterioration has allowed a severe rodent infestation. Plumbing is corroded and in continual need of repair; grease traps and septic system must be pumped monthly. There is no adequate fire protection in the building. The building is subject to 100% collapse in a seismic event.</p>				



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA		4. Project Title Enlisted Dining Facility		
5. Program Element 0206496M	6. Category Code 72210	7. Project Number P419	8. Project Cost (\$000) 14,970	
<b>IMPACT IF NOT PROVIDED:</b>				
<p>Personnel will continue to prepare, serve and dine in a facility that was built in 1957 without adequate fire protection or seismic reinforcement that subjects the building to 100 percent collapse in a seismic event, jeopardizing the lives and safety of those personnel. The inefficient layout of the existing facility will continue to waste valuable labor time and dollars. Difficulties in maintaining food safety and quality due to loading dock size and configuration will continue to pose the threat of food deterioration. Maintenance and repair dollars will continue to be spent on a deteriorating facility (\$81,000 in FY-02). Originally built with minimal energy efficient construction and having twice the current required size, the existing dining facility will continue to operate at a very high energy cost.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092003
(B) Date 35% Design or Parametric Cost Estimate Complete				092006
(C) Date Design Completed				112006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$524
(A) Production of Plans and Specifications				\$444
(B) All other Design Costs				\$80
(C) Total				\$524
(D) Contract				\$80
(E) In-House				\$444
4. Contract Award				012007
5. Construction Start				042007
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
C. FY 2005 R&M Conducted (\$000):				
D. FY 2006 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				



1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA			4. Project Title ACUIZ Land Acquisition (Ph 1)		
5. Program Element 0216496M	6. Category Code 91110	7. Project Number P424	8. Project Cost (\$000) 7,255		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
ACUIZ LAND ACQUISITION (PH 1)		AC	351		6,630
ACCIDENT POTENTIAL ZONE II (APZ II)		AC	351	18,000	(6,320)
SURVEY/TITLE/APPRaisal		LS			(310)
SUBTOTAL					6,630
CONTINGENCY (5%)					330
TOTAL CONTRACT COST					6,960
SIOH (5.7%)					400
SUBTOTAL					7,360
TOTAL REQUEST ROUNDED					7,360
TOTAL REQUEST					7,255
<b>10. Description of Proposed Construction</b>					
Acquisition of real estate interests in approximately 600 acres of undeveloped land located within the AICUZ.					
<b>11. Requirement:</b> <u>600 AC</u> <b>Adequate:</b> <u>0 AC</u> <b>Substandard:</b> <u>0 AC</u>					
<b>PROJECT:</b>					
Acquisition of interests in approximately 600 acres of vacant minimally improved lands.					
<b>(Current Mission)</b>					
<b>REQUIREMENT:</b>					
To maintain the operational integrity of the air station by discouraging land uses which are incompatible with aircraft operations. This mission requires sufficient land surrounding the air station to protect the health, safety, and welfare of civilians and military personnel by discouraging land uses that are incompatible with aircraft operations and also protecting Marine Corps installation investments by safeguarding the operational capabilities of the installation from encroachment. The acquisition of interests on these parcels of land ensures compatible land uses and minimizes the threat of unexpected law suits by future land owners.					
<b>CURRENT SITUATION:</b>					
The once vacant farmlands surrounding MCAS Beaufort are being converted to high density development without local government land use and zoning control oversight needed to plan for and permit development that is compatible with high performance aircraft operations. The weak county					

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA			4. Project Title ACUIZ Land Acquisition (Ph 1)		
5. Program Element 0216496M	6. Category Code 91110	7. Project Number P424	8. Project Cost (\$000) 7,255		
<p>"Airport Overlay Zoning District" zoning ordinance did not prevent the recent development of incompatible Vivian's Island within the AICUZ. MCAS Beaufort currently owns all of the four airfield clear zones, a portion of APZ 1 on the approach and departure ends of the primary runway 05/23, none of the APZ 2's and none of the property located in the FCLP Flight Tracks. An "Aviation Easement" was purchased in 1987 over 575 acre Pleasant Point Plantation as the result of an Inverse Condemnation lawsuit that awarded the residential resort development near the MCAS Beaufort airfield \$5,000,000 for noise impacts resulting from F-4 FCLP training. Pleasant Point Plantation lies almost entirely outside of the APZ's underlying the FCLP Flight tracks. Vivian's Island, a 40-lot subdivision of less than 50 acres adjacent to Pleasant Point and directly within the FCLP Flight Tracks filed a lawsuit for inverse condemnation with the courts in July, 2002 claiming noise from F/A-18 FCLP training has damaged sales and use of the development. In Aug of 2005, the case was dismissed and settled out of court at an undisclosed amount. MCAS Beaufort was annexed by the City of Beaufort in 1999 with the intention of winning an annexation war with adjacent Port Royal Town Municipality, each competing to annex all of Port Royal Island, on which the air station resides. Each municipality is competing to maximize population through maximum density growth endeavors and real estate deals favoring developers. It is the intention of the City to use the borders of the air station to annex contiguous rural properties into the urban municipality. Recent construction of a county elementary and middle school north of the air station has introduced water and sewer utility infrastructure to the area further enhancing development potential around and adjacent to the air station. The current zoning ordinances are not providing adequate protection to prevent encroachment from incompatible development.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If the current vacant, agricultural and undeveloped lands located below the FCLP and Approach/Departure flight tracks in the APZ's and Noise Zone 3 are not purchased or permanently controlled to prevent incompatible development, then the lands will be developed. That development will cause negative impacts on airfield operations. Incompatible development below flight tracks also places civilian populations in harms way, jeopardizing health, safety and welfare of civilians. Noise complaints and lawsuits will escalate proportionally with the onset of uncontrolled and incompatible development.</p>					
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <p>(A) Date Design or Parametric Cost Estimate Started 092003</p>					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA		4. Project Title ACUIZ Land Acquisition (Ph 1)		
5. Program Element 0216496M	6. Category Code 91110	7. Project Number P424	8. Project Cost (\$000) 7,255	
(B) Date 35% Design or Parametric Cost Estimate Complete				012005
(C) Date Design Completed				092005
(D) Percent Completed as of SEPTEMBER 2005				2%
(E) Percent Completed as of JANUARY 2006				35%
(F) Type of Design Contract				Other
(G) Parametric Estimate used to develop cost				N/A
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$300
(A) Production of Plans and Specifications				\$
(B) All other Design Costs				\$300
(C) Total				\$300
(D) Contract				\$260
(E) In-House				\$40
4. Contract Award				112006
5. Construction Start				122006
6. Construction Complete				122007
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: LCDR John Bennett			Phone No: 843-228-7072	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION BEAUFORT BEAUFORT, SOUTH CAROLINA		4. Project Title ACUIZ Land Acquisition (Ph 1)	
5. Program Element 0216496M	6. Category Code 91110	7. Project Number P424	8. Project Cost (\$000) 7,255
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006		
3. Installation and Location: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA					4. Command Commander Navy Installations			5. Area Const Cost Index .94		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	4616	46506	6376	0	1	0	320	691	0
B. End FY 2012	4317	42795	6419	0	1	0	320	691	0	54543
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(3980 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										3,825,758
C. AUTHORIZATION NOT YET IN INVENTORY .....										385,507
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										42,695
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										32,085
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										154,309
G. REMAINING DEFICIENCY .....										635,314
<b>H. GRAND TOTAL .....</b>										<b>5,075,668</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>					
15120	Pier 11 Replacement Inc 4 of 4	11/2001	09/2003	27328 m2	30,633					
17135	Helicopter Trainer Facility Addition	08/2004	09/2006	2587 m2	12,062					
<b>TOTAL</b>										<b>42,695</b>
9. Future Projects:										
A. Included In The Following Program:										
17135	E2/C2 Aircrew Training Facility				17220 SF	5,321				
21105	Ty-1 Hangar 2 MH-60 CV Squadrons				112483 SF	26,764				
<b>TOTAL</b>										<b>32,085</b>
B. Major Planned Next Three Years:										
15120	Pier 15 Inc 1 of 4				LS	39,165				
15120	Pier 15 Inc 2 of 4				LS	53,764				
73020	NCIS Field Office				33583 SF	7,438				
15120	Pier 15 Inc 3 of 4				LS	43,200				
42172	Chambers Field Magazine				19203 SF	3,361				
73010	Fire Station				16254 SF	7,381				
<b>TOTAL</b>										<b>154,309</b>
C. R&M Unfunded Requirement (\$000):										
										255,174
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										

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA	4. Command Commander Navy Installations	5. Area Const Cost Index .94
contract Fleet Readiness Squadron (FRS) for C-12, and air cargo and air passenger terminals. In addition, the airfield hosts transport 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 NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA			4. Project Title Pier 11 Replacement Inc 4 of 4		
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P094C	8. Project Cost (\$000) Auth 0 Approp 30,633 Auth for Approp 30,633		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
PIER 11 REPLACEMENT INC 4 OF 4 (294,156 SF)		m2	27,328		75,550
PIER 11 REPLACEMENT (294,156 SF)		m2	27,328	1,326	(36,240)
5T BASIN DEVELOPMENT (OLD 25T)		LS			(10,620)
ANTI-TERRORISM/FORCE PROTECTION		LS			(1,580)
ELECTRICAL UTILITIES		LS			(20,050)
MECHANICAL UTILITIES		LS			(4,420)
NORTH BREAKWATER DEVELOPMENT		LS			(450)
SMALL CRAFT BASIN PIER 11		LS			(1,940)
TECHNICAL OPERATING MANUALS		LS			(250)
SUPPORTING FACILITIES					49,040
SPECIAL CONSTRUCTION FEATURES		LS			(25,130)
ELECTRICAL UTILITIES		LS			(880)
MECHANICAL UTILITIES		LS			(4,000)
PAVING AND SITE IMPROVEMENTS		LS			(1,660)
DEMOLITION		LS			(17,060)
ANTI-TERRORISM/FORCE PROTECTION		LS			(310)
SUBTOTAL					124,590
CONTINGENCY (5%)					6,230
TOTAL CONTRACT COST					130,820
SIOH (6%)					7,850
SUBTOTAL					138,670
LESS INCREMENT I THRU III FUNDING		LS			-107,126
LESS SIOH ADJUSTMENT		LS			-230
TOTAL REQUEST ROUNDED					31,314
TOTAL REQUEST					30,633
<b>10. Description of Proposed Construction</b>					
<p>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 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</p>					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA		4. Project Title Pier 11 Replacement Inc 4 of 4		
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P094C	8. Project Cost (\$000) Auth 0 Approp 30,633 Auth for Approp 30,633	
<p>32MVA served via eight skid-mounted secondary unit substations. Secondary units will be provided. 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. 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.</p> <p>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).</p> <p>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.</p> <p>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.</p> <p>Additional shore-side work includes removal and replacement of asphalt and concrete pavement, new pedestrian cross-walks and traffic signage, a new asphalt parking lot, asphalt paved small craft dry storage/repair area, provisions for relocation of Laundromat to Building #CEP58, and demolition of a small craft boathouse 403 m2.</p> <p>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.</p>				
<p><b>11. Requirement:</b> <u>27,328 m2</u> <b>Adequate:</b> <b>Substandard:</b></p> <p><b>PROJECT:</b> This project will construct a new double deck general purpose berthing pier. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA			4. Project Title Pier 11 Replacement Inc 4 of 4	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P094C	8. Project Cost (\$000) Auth 0 Approp 30,633 Auth for Approp 30,633	
<p>A comprehensive Regional Waterfront Plan for the entire Hampton Roads region drives the requirement for this project. NAVSTA has a requirement supporting a 2010 ship loading of 87 ships and utilizing ship nesting. To provide a portion of the required berthing at NAVSTA, Norfolk, Pier 11 must be replaced with a modern general purpose-berthing pier. 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.</p> <p>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.</p> <p><b>CURRENT SITUATION:</b></p> <p>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. 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.</p> <p>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.</p> <p>The small craft piers were originally built to accommodate early submarine</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA			4. Project Title Pier 11 Replacement Inc 4 of 4	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P094C	8. Project Cost (\$000) Auth 0 Approp 30,633 Auth for Approp 30,633	
<p>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 transit 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.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The existing pier and the NAVSTA waterfront as a whole will not be able to properly support berthing of future ship classes. 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. 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.</p> <p>Positive impacts on the operations 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.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				112001
(B) Date 35% Design or Parametric Cost Estimate Complete				012003
(C) Date Design Completed				092003
(D) Percent Completed as of SEPTEMBER 2005				100%
(E) Percent Completed as of JANUARY 2006				100%
(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 Previously Used:				N/A

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA			4. Project Title Pier 11 Replacement Inc 4 of 4	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P094C	8. Project Cost (\$000) Auth 0 Approp 30,633 Auth for Approp 30,633	
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$10,535
(A) Production of Plans and Specifications				\$7,901
(B) All other Design Costs				\$2,634
(C) Total				\$10,535
(D) Contract				\$6,585
(E) In-House				\$3,950
4. Contract Award				112003
5. Construction Start				122003
6. Construction Complete				112007
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: ANDY SAMPSON			Phone No: (757)-444-4450	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA		4. Project Title Pier 11 Replacement Inc 4 of 4	
5. Program Element 0203176N	6. Category Code 15120	7. Project Number P094C	8. Project Cost (\$000) Auth 0 Approp 30,633 Auth for Approp 30,633

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA		4. Project Title Helicopter Training Facility Addition		
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P707	8. Project Cost (\$000) 12,062	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
HELICOPTER TRAINING FACILITY ADDITION (27,846 SF)	m2	2,587		9,350
HELICOPTER TRAINER FACILITY (27,545 SF)	m2	2,559	3,250.39	(8,320)
NMCI INFRASTRUCTURE (301 SF)	m2	28	3,500	(100)
BUILT-IN EQUIPMENT	LS			(660)
TECHNICAL OPERATING MANUALS	LS			(140)
INFORMATION SYSTEMS	LS			(80)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
SUPPORTING FACILITIES				1,140
SPECIAL FOUNDATION FEATURES	LS			(240)
ELECTRICAL UTILITIES	LS			(280)
MECHANICAL UTILITIES	LS			(180)
PAVING AND SITE IMPROVEMENTS	LS			(290)
SITE PREPARATIONS	LS			(50)
DEMOLITION	LS			(90)
ENVIRONMENTAL MITIGATION	LS			(10)
SUBTOTAL				10,490
CONTINGENCY (5%)				520
TOTAL CONTRACT COST				11,010
SIOH (5.7%)				630
SUBTOTAL				11,640
DESIGN/BUILD - DESIGN COST				420
TOTAL REQUEST ROUNDED				12,060
TOTAL REQUEST				12,062
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(32,000)
<b>10. Description of Proposed Construction</b>				
<p>Project constructs a two-story building addition. The building will include raised flooring, high-bay space for flight simulators, secret internet protocol routing network (SIPRNET) and restricted access spaces. The building will be sited to further the training campus concept and integrate with other training buildings supporting flight operations at Chambers Field, and enhance the functional relationships between the</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA		4. Project Title Helicopter Training Facility Addition		
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P707	8. Project Cost (\$000) 12,062	
<p>various training buildings in the immediate vicinity. The demolition of Building #SP267 is also included.</p> <p>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.</p>				
<p><b>11. Requirement:</b>    <u>2,559 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>This project will construct a 2,559 m2 facility for simulators and classrooms at NS Norfolk, VA.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The requirement is to provide adequate facilities to support training of pilots and aircrew assigned to MH-60S squadrons.</p> <p>There will be 10 training simulators sited at Chambers Field at Naval Station Norfolk to support the MH-60S helicopter. The MH-60S FRS at Norfolk will begin training new students in January 2006. The helicopter Concept of Operations (CONOPS) specifies the number of helicopters and flight personnel, and NS Norfolk will be the training center for the MH-60S. Two TOFTs and one WTT will be installed in this building. Naval Aviation Training Systems (PMA205) has procured funding for these three simulators.</p> <p>CNO guidance for 2004 directed the development of "A Fleet Aviation Simulator Training (FAST) Plan that maximizes the utility of simulator effectiveness." This plan increases use of simulators rather than aircraft flight hours. Funding for flight hours has been reduced as a part of this plan. Therefore, training in the aircraft instead of simulators is not feasible.</p> <p><b>CURRENT SITUATION:</b></p> <p>Naval Station Norfolk (NAVSTA) has been designated in the CNO approved Helicopter Concept of Operations (CONOPS) as the home base for all east coast MH-60 Sierra helicopters. Under the CONOPS, NAVSTA is transitioning from four helicopter airframes to two. Two existing expeditionary squadrons have already transitioned from H-46 to MH-60S helos. The Fleet</p>				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA		4. Project Title Helicopter Training Facility Addition		
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P707	8. Project Cost (\$000) 12,062	
<p>Replacement Squadron (FRS) began transition from H-3 to MH-60S helos in August of 2005. In FY07, a third expeditionary (EXP) squadron will stand up. Finally, five new carrier-based (CV) squadrons will stand up at NAVSTA, one squadron per fiscal year from 2008 to 2012. Total number of MH-60S helos at NAVSTA will have grown from zero in 2001 to 92 in 2013.</p> <p>This influx of new aircraft requires a concomitant growth in other facilities, particularly pilot and aircrew simulators. Naval Aviation Training Systems (PMA 205) currently has funding for the two Tactical/Operational Flight Trainers (TOFTs) and one Weapons Tactical Trainer (WTTs) scheduled for installation in this facility.</p> <p>NAVSTA is the home of the MH-60S Fleet Replacement Squadron and the Weapons Training Unit (WTU), and is therefore responsible for the training of all pilots and aircrew.</p> <p>Currently, there are no adequate facilities to house the tactical simulators and classrooms required for this new mission training.</p> <p>The building scheduled for demolition, SP267, is a 372 m2 temporary facility constructed in 1958. SP267 is currently occupied by Commander, Airborne Early Warning Wing, U.S. Atlantic Fleet (CAEWL) for storage of aircraft spare parts. This will free up a site across the street from the Fleet replacement squadron for construction of this project.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If this facility is not completed by the end of fiscal year 2008, approximately \$32 Million in training equipment will not have a home. Required pilot and aircrew throughput will overrun available facilities. Aircrew training requirements for this airframe cannot be met, resulting in delayed introduction of new, required capabilities to the fleet. The entire MH-60S training plan and CONOPS will be compromised.</p> <p>In addition, not constructing this project will cause extended operating hours, increased Outlying Field (OLF) support requirements, additional wear and tear on the aircraft, and increased noise and pollution.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082004
(B) Date 35% Design or Parametric Cost Estimate Complete				022005
(C) Date Design Completed				092006

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006																				
3. Installation and Location/UIC: N62688 NAVAL STATION NORFOLK NORFOLK, VIRGINIA		4. Project Title Helicopter Training Facility Addition																						
5. Program Element 0805976N	6. Category Code 17135	7. Project Number P707	8. Project Cost (\$000) 12,062																					
(D) Percent Completed as of SEPTEMBER 2005 5% (E) Percent Completed as of JANUARY 2006 15% (F) Type of Design Contract Design Build (G) Parametric Estimate used to develop cost Yes (H) Energy study/Life cycle analysis performed Yes 2. Basis: (A) Standard or Definitive Design: No (B) Where Design Was Previously Used: 3. Total Cost (C) = (A) + (B) = (D) + (E) : \$263 (A) Production of Plans and Specifications \$197 (B) All other Design Costs \$66 (C) Total \$263 (D) Contract \$66 (E) In-House \$197 4. Contract Award 122006 5. Construction Start 012007 6. Construction Complete 072008 B. Equipment associated with this project which will be provided from other appropriations: <table border="1"> <thead> <tr> <th><u>Equipment</u></th> <th colspan="2"><u>Procuring FY Approp</u></th> <th></th> </tr> <tr> <th><u>Nomenclature</u></th> <th><u>Approp</u></th> <th><u>or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Tactical/Operational Flight Trainer #7</td> <td>APN</td> <td>2007</td> <td>12,000</td> </tr> <tr> <td>Tactical/Operational Flight Trainer #9</td> <td>APN</td> <td>2008</td> <td>12,000</td> </tr> <tr> <td>Weapons Tactical Trainer #5</td> <td>APN</td> <td>2007</td> <td>8,000</td> </tr> </tbody> </table>					<u>Equipment</u>	<u>Procuring FY Approp</u>			<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	Tactical/Operational Flight Trainer #7	APN	2007	12,000	Tactical/Operational Flight Trainer #9	APN	2008	12,000	Weapons Tactical Trainer #5	APN	2007	8,000
<u>Equipment</u>	<u>Procuring FY Approp</u>																							
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>																					
Tactical/Operational Flight Trainer #7	APN	2007	12,000																					
Tactical/Operational Flight Trainer #9	APN	2008	12,000																					
Weapons Tactical Trainer #5	APN	2007	8,000																					
JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.																								
Activity POC: Jack Cox		Phone No: (757) 444-4155 x 3013																						

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>						2. Date 06 FEB 2006			
3. Installation and Location: N57095 NAVAL SUPPORT ACTIVITY NORFOLK NORFOLK, VIRGINIA					4. Command Commander Navy Installations			5. Area Const Cost Index .94			
6. Personnel		PERMANENT			STUDENTS			SUPPORT			TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		1120	2166	1231	0	0	0	0	0	0	4517
B. End FY 2012		1180	1878	1231	0	0	0	0	0	0	4289
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(925 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....											760,073
C. AUTHORIZATION NOT YET IN INVENTORY .....											2,251
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											28,462
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											24,190
G. REMAINING DEFICIENCY .....											377,177
<b>H. GRAND TOTAL .....</b>											<b>1,192,153</b>
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
17145	Damage Control School Trainer	08/2005	07/2006	1787 m2	13,502						
14365	Joint Deployment Center/Fleet Forces Command	08/2005	11/2006	4580 m2	14,960						
<b>TOTAL</b>										<b>28,462</b>	
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
61070 Headquarters Facility							59783 SF		24,190		
<b>TOTAL</b>										<b>24,190</b>	
C. R&M Unfunded Requirement (\$000):											
											0
10. Mission or Major Functions:											
Home of Commander United States Joint Forces Command, Commander Atlantic Fleet, Headquarters Supreme Allied Commander Atlantic, Atlantic Fleet surface ships and submarines, U.S. Marine Corps Forces Atlantic, and Commander Navy Region Mid-Atlantic. Provides morale, welfare and recreation services, family housing, bachelor housing, food services, Navy family advocacy, and Fleet and family service centers for education, advocacy, and counseling.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*):											0
B. Occupational Safety and Health(OSH)(#):											0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006	
3. Installation and Location/UIC: N57095 NAVAL SUPPORT ACTIVITY NORFOLK NORFOLK, VIRGINIA		4. Project Title Damage Control School Trainer			
5. Program Element 0805976N	6. Category Code 17145	7. Project Number P285	8. Project Cost (\$000) 13,502		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
DAMAGE CONTROL SCHOOL TRAINER (19,235 SF)		m2	1,787		7,540
DAMAGE CONTROL WET TRAINER (19,235 SF)		m2	1,787	3,181.55	(5,690)
BUILT-IN EQUIPMENT		LS			(1,400)
TECHNICAL OPERATING MANUALS		LS			(200)
INFORMATION SYSTEMS		LS			(200)
ANTI-TERRORISM/FORCE PROTECTION		LS			(50)
SUPPORTING FACILITIES					4,200
SPECIAL FOUNDATION FEATURES		LS			(250)
ELECTRICAL UTILITIES		LS			(880)
MECHANICAL UTILITIES		LS			(520)
PAVING AND SITE IMPROVEMENTS		LS			(800)
SITE PREPARATIONS		LS			(540)
DEMOLITION		LS			(210)
ENVIRONMENTAL MITIGATION		LS			(1,000)
SUBTOTAL					11,740
CONTINGENCY (5%)					590
TOTAL CONTRACT COST					12,330
SIOH (5.7%)					700
SUBTOTAL					13,030
DESIGN/BUILD - DESIGN COST					470
TOTAL REQUEST ROUNDED					13,500
TOTAL REQUEST					13,502
<b>10. Description of Proposed Construction</b>					
<p>This project will construct a training building consisting of a damage control wet trainer (Buttercup), trainer rooms, classrooms, laboratories, and support spaces.</p> <p>The wet trainer high-bay area includes the wet trainer device (built-in, one-of-a-kind device), pipe mock-up area, pump &amp; equipment rooms, water storage tank, observation area and additional support spaces.</p> <p>The remaining section of the training building will house the instruction support spaces and include lecture rooms, lab spaces, administrative</p>					



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<p>additional hull corrosion did result in a hole being punched through the wall, which necessitated extensive repair. The benefits and advisability of further major maintenance on the existing trainer are questionable due to the thin condition of the remaining hull. Consequently, continued viability of the trainer is expected to last only until about 2008, after which failure of the trainer can be expected at any time. This would result in the inability to continue this training function in Norfolk.</p> <p>This trainer also lacks a level of realism and is limited by outdated technology, minimizing the experience of the sailor and impacting performance in true crisis situations. It lacks the current simulation technology incorporated into other trainers at Mayport and Great Lakes, and it does not contain a mock-up of a ship propulsion shaft. The portion of Building N30 that houses the wet trainer is too small to contain the larger, modernized replacement trainer. Also, the building is adjacent to a major road, so a new facility cannot be built on the same site in accordance with anti-terrorism setback requirements. The Damage Control School is now in two separate locations. By relocating the trainer and associated instructional classrooms to the SDA site, the entire Damage Control School and staff would be in one location, which creates opportunities to reduce administrative billets ( 13 as identified by the training staff). Also, the construction of the new trainer would not impact the training schedule for the existing wet trainer. The wet trainer will be demolished, but the classroom space will be backfilled by other courses to help reduce the training space deficit.</p>				
<b>IMPACT IF NOT PROVIDED:</b>				
<p>The existing wet trainer, USS Buttercup, is expected to remain operational for only a few more years, after which further major maintenance is expected to be no longer possible due to the reduced structural integrity of the hull as previously discussed. Total failure of the hull is expected to occur at any time after 2008. The trainer needs to be completely replaced. However, the available space in Building N30 is insufficient to contain the larger, modernized replacement trainer required. Without a modern replacement trainer in Norfolk, sailors would have to travel to other Damage Control school sites for training located in Mayport, FL, Newport, RI, and San Diego, CA, which have been set up to create Fleet concentration areas. Norfolk is the largest fleet concentration area in the nation; the transfer of Norfolk students to other sites cannot be supported by the two nearest sites due to the volume of students.</p>				
<p>In addition, if sailors had to travel to other facilities it would be at a</p>				

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5. Program Element 0805976N	6. Category Code 17145	7. Project Number P285	8. Project Cost (\$000) 13,502	
<p>cost. Presently, the majority of sailors attending training at the DC school are on no-cost orders (TAD to DC school) and also may return to the ship to stand watch or perform other duty assignments after daily classes. If the students had to travel to other learning sites it would require TAD cost orders for travel, lodging, and meals.</p> <p>This new and modernized wet trainer will be a great asset to the Navy and the Norfolk Fleet ships in the real life training experience of our sailors in controlling possible damage that could be imposed on our ships. An estimated cost of sending sailors to train at other sites TDY while 6 months of repairs occur amount to cost over \$1,000,000 (6 months down time = +/-5,000 students at a cost of +/- \$400 for TAD = +/- \$2,000,000 cost top the Navy). Captilization on billets reduction estimates an approximate \$1,000,000 savings per year that would not be realized.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082005
(B) Date 35% Design or Parametric Cost Estimate Complete				122005
(C) Date Design Completed				072006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$400
(A) Production of Plans and Specifications				\$250
(B) All other Design Costs				\$150
(C) Total				\$400
(D) Contract				\$100
(E) In-House				\$300
4. Contract Award				112006
5. Construction Start				012007
6. Construction Complete				052008





1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N57095 NAVAL SUPPORT ACTIVITY NORFOLK NORFOLK, VIRGINIA			4. Project Title Joint Deployment Cntr/Fleet Forces Cmnd Cntr	
5. Program Element 0203176N	6. Category Code 14365	7. Project Number P859	8. Project Cost (\$000) 14,960	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
JOINT DEPLOYMENT CNTR/FLEET FORCES CMND CNTR (49,299 SF)	m2	4,580		11,680
ADDITION OF OPCON CENTER (20,182 SF)	m2	1,875	2,162.5	(4,050)
RENOVATION OF S. WING NH-95 (29,116 SF)	m2	2,705	1,527.68	(4,130)
BUILT-IN EQUIPMENT	LS			(2,090)
TECHNICAL OPERATING MANUALS	LS			(70)
INFORMATION SYSTEMS	LS			(350)
ANTI-TERRORISM/FORCE PROTECTION	LS			(370)
SPECIAL COSTS	LS			(620)
SUPPORTING FACILITIES				1,800
SPECIAL CONSTRUCTION FEATURES	LS			(360)
SPECIAL FOUNDATION FEATURES	LS			(190)
PAVING AND SITE IMPROVEMENTS	LS			(590)
SITE PREPARATIONS	LS			(380)
DEMOLITION	LS			(280)
SUBTOTAL				13,480
CONTINGENCY (5%)				670
TOTAL CONTRACT COST				14,150
SIOH (5.7%)				810
SUBTOTAL				14,960
TOTAL REQUEST ROUNDED				14,960
TOTAL REQUEST				14,960
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(9,770)
<b>10. Description of Proposed Construction</b>				
<p>The project includes construction of the US Joint Forces Deployment Center/Fleet Forces Command Center. It also includes demolition and renovation of 2,705 m2 (29,116 SF) of both floors in the south wing of NH95, which currently supports JFCOM, CFFC and SACT personnel. The project will provide a 2-story operations control and command center to serve JFCOM and CFFC, and other command components required for crisis action teams (CAT); a conference center and briefing rooms/SCIF space to serve the OPCON center; administrative space for JFCOM and CFFC; computer server space and</p>				

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5. Program Element 0203176N	6. Category Code 14365	7. Project Number P859	8. Project Cost (\$000) 14,960	
<p>other support space; provisions for upgraded heating, ventilating and air conditioning, provisions for upgraded electrical including emergency generator and uninterrupted power supply; fire alarm systems; raised computer flooring; passenger elevator; and other equipment required to support the renovation and addition.</p> <p>Extensive information systems connectivity is required to support the OPCON center and admin space. IT systems include secret internet protocol routing network (SIPRNET), non-secure internet protocol routing network (NIPRNET), SPECAT, STU III, STE, and HF/SATCOM(MILSTAR). There will be extensive requirements for video displays, video monitors, and video teleconferencing capabilities.</p> <p>In order to execute the Secretary of Defense (SECDEF) directive establishing the USJFCOM as the conventional Joint Force Provider, a new Joint Deployment Center combined with a new Fleet Forces Command Center is proposed. Construction requires closure of the south parking lot and realignment of the existing street will be required for AT/FP. A new gated driveway will be provided to the entrance for flag level drop-off and pick-up. New parking for 111 vehicles will be provided to replace the lost parking due to the road realignment. Additional parking will be provided via a new satellite parking lot on Ingersol Street to support the additional staff requirements of the project.</p> <p>The renovation and addition will be designed and constructed to meet the Uniform Federal accessibility Standards for accessibility and use by the physically challenged. Federally mandated sustainable design practices in accordance with the Leadership in Energy and Environmental Design (LEED) guidelines will be instituted. The project will meet the requirements of UFC 4-010-01: DoD Minimum Antiterrorism Standards For Buildings.</p> <p>This project will also pay for temporary office space for existing JFCOM and CFFC personnel displaced during construction and not able to move into the new OPCON center for one year until the phase two renovation is complete. The current plan is to provide temporary trailers located in the area of the new parking lot.</p> <p>Due to effects of Hurricane Katrina on the construction market the area cost factor has been increased to 1.03 (10% increase) in lieu of standard .93 for Norfolk, VA.</p>				
<b>11. Requirement:</b> <u>4,580 m2</u> <b>Adequate:</b> <b>Substandard:</b> <b>PROJECT:</b>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
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5. Program Element 0203176N	6. Category Code 14365	7. Project Number P859	8. Project Cost (\$000) 14,960	
<p>Proposed as the best option, an addition to existing NH-95 building provides a state-of-the-art, consolidated Joint Deployment Center and Fleet Forces Command Center. Both existing command centers will stay fully functional until the new addition is ready for occupancy allowing seamless transition. The proposed project brings JFCOM departments arrayed throughout NH-95 spaces into a contiguous and efficiently functioning command center and support area. This will also alleviate overcrowding in the critical NH-95 facility. This JDC/FFCC in NH95 project will construct a 1,875 m2 2-story poured-in-place concrete, glass curtain wall and steel frame addition on the south end of the building to provide space for the new operations control and command center. It includes demolition and renovation of 2,705 m2 of space in the south wing of existing NH95 to provide administrative space for JFCOM, CFFC, MFL and other command components. A new gated driveway will be provided for a flag level drop-off with associated site work, landscaping, etc.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The Secretary of Defense (SECDEF) has directed the Chairman of the Joint Chiefs of Staff to develop the Global Force Management (GFM) concept, specifically identifying U.S. Joint Forces Command (USJFCOM) as the Conventional Joint Force Provider (JFP) with the responsibility to recommend sourcing solutions for all Combatant Commander validated requirements from all conventional forces, except U.S. Transcom, U.S. Socom, and U.S. STRATCOM. USJFCOM is tasked to develop recommended global joint sourcing solutions in response to combatant commander requirements and redeployments of all specified forces. In order to meet the SECDEF tasking and Commander's guidance, technology and infrastructure must be secured. The mission requires that USJFCOM establish and develop the capability to monitor the availability of conventional forces across all 4 services. The proposed Joint Deployment Center (JDC)/ Fleet Forces Command Center (FFCC) will be an enabling facility to meet the emerging requirements of the SECDEF.</p> <p><b>CURRENT SITUATION:</b></p> <p>Establishment of the USJFCOM/Commander Fleet Forces Command (CFFC) Joint Deployment Center (JDC)/Fleet Forces Command Center (FFCC) is required in order to meet the demands of USJFCOM's evolving mission with respect to both the Priority 1 Task as a Force Provider and Tier A Task concerning Operational Availability/Global Force Management, and CFFC's expanded/evolving mission as the naval component force provider and NORTHCOM's Maritime Component Commander. Lessons learned from the Global War on Terrorism, Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) has identified the need for the Department of Defense (DoD) to re-engineer the Global Force Management (GFM) and Joint Deployment</p>				

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5. Program Element 0203176N	6. Category Code 14365	7. Project Number P859	8. Project Cost (\$000) 14,960	
<p>Process. Over the past 18 months, SECDEF has directed CJCS to spearhead the GFM effort, specifically identifying USJFCOM as the Primary Joint Force Provider for all Department of Defense conventional forces. As the Primary Joint Force Provider, USJFCOM will be DoD's single point of contact with respect to deployments, rotations, and mobilizations. Moreover, SECDEF tasked USJFCOM via memorandum dated 25 June 2004 to "develop recommended global joint sourcing solutions in response to combatant commander requirements" forwarded by the CJCS. USJFCOM is now responsible to "monitor commitment, availability and readiness, and supervise deployment and redeployment" of all specified forces. As a COCOM with operational control of over 80% of the CONUS based military forces, JFCOM is a major stakeholder in redefining the force management and deployment process. As a result of USJFCOM's evolving mission, ADM Giambastiani has directed (April 26, 2004) that USJFCOM transform the current Joint Operations Center to a Joint Deployment Center in order to achieve unity of effort and unity of command in the joint force providing process. In order to meet SECDEF tasking and Commander's guidance, resources (personnel, technology, and infrastructure) must be secured. Specifically, the J3/4 needs to modernize facilities, IT software/hardware and associated IT/Comm infrastructure, and command, control, and communications (to include collaborative) systems, increase the number of personnel in the Directorate, and access to both joint and service specific reporting systems. The requested funding will modernize the current JOC spaces to meet the Commander's vision as part of the full operational capability of the JDC/FFCC. This requirement consists of renovating the current JOC space to a state of the art facility that will accommodate anticipated expansion of permanent personnel, conferencing and crisis action planning capability, upgrades to necessary IT/Communication infrastructure, and the required day-to-day collaboration required by JFCOM and CFFC staffs in order to accomplish all mission tasks.</p> <p>Without facility expansion and renovation, staff sections will not effectively and efficiently be able to collaborate and monitor required command and control systems. At present, USJFCOM J3/4 Directorate and CFFC N3 staff's are dispersed throughout two separate buildings and 10 separate offices. Current facilities do not leverage current and future technologies to meet the Commander's vision and mission requirements. Moreover, continued operations using existing facilities will not enhance performance and reduce reaction times while monitoring and reporting Commander's Critical Information Requirements (CCIR) and conducting the required staff integration and collaboration with service component, COCOM, CJCS, and other governmental agency staffs.</p> <p>Project contributes to improvement of IRRS FAC rating of Q4. Building</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N57095 NAVAL SUPPORT ACTIVITY NORFOLK NORFOLK, VIRGINIA		4. Project Title Joint Deployment Cntr/Fleet Forces Cmnd Cntr		
5. Program Element 0203176N	6. Category Code 14365	7. Project Number P859	8. Project Cost (\$000) 14,960	
<p>requiring demolition (3006) has a Facility Condition Index rating of .2786.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>This project has a direct impact on the execution of continued Operation Enduring Freedom/Operation Iraqi Freedom missions and the Global War on Terrorism, as well as strengthening our joint warfighting capability and future transformation effects. Without funding for this project, the USJFCOM will not operate with optimum effectiveness to meet the SECDEF tasking or accomplishing the conventional JFP mission. In addition, USJFCOM will not be able to leverage current and future technologies to meet the Commander's vision, nor will it reduce reaction times while monitoring and reporting the Commander's critical information requirements (CCIR). The current facility does not have the capability to transform into a 24/7 capability in support of current operations, or provide service component representation with J3/J4, per diem to pay component representation travel or reserve mobilization requirements.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082005
(B) Date 35% Design or Parametric Cost Estimate Complete				012006
(C) Date Design Completed				112006
(D) Percent Completed as of SEPTEMBER 2005				10%
(E) Percent Completed as of JANUARY 2006				10%
(F) Type of Design Contract				Design Bid Build
(G) Parametric Estimate used to develop cost				No
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$1,200,000
(A) Production of Plans and Specifications				\$750,000
(B) All other Design Costs				\$450,000
(C) Total				\$1,200,000
(D) Contract				\$900,000
(E) In-House				\$300,000
4. Contract Award				012007
5. Construction Start				032007
6. Construction Complete				072008
B. Equipment associated with this project which will be provided from other appropriations:				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
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5. Program Element 0203176N	6. Category Code 14365	7. Project Number P859	8. Project Cost (\$000) 14,960	
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Communication Equipment - CFFC		OMN	2005	2,880
Communication Equipment - JFCOM		OMN	2005	5,760
Systems Furniture @ \$5K/PN		OMN	2006	1,130
JOINT USE CERTIFICATION:				
The (CERTIFYING OFFICIAL) certifies that this project has been considered for joint use potential. (TYPE OF CONSTRUCTION RECOMMENDED) is recommended. (UNILATERAL STATEMENT, if Unilateral Construction is selected)				
Activity POC: Brian Bremenstul		Phone No: 757-836-9093		



1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA				4. Command Commander Navy Installations		5. Area Const Cost Index .94					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		160	863	8397	0	0	0	193	2618	0	12231
B. End FY 2012		186	948	8397	0	0	0	211	3969	0	13711
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(1295 Acres)											
B. INVENTORY AS OF 30 Sep 2005 ..... 1,965,544											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 101,588											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 65,891											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 0											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 140,864											
G. REMAINING DEFICIENCY ..... 210,687											
H. <b>GRAND TOTAL</b> ..... <b>2,484,574</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
21310	Dry Dock #8 Modernization	08/2004	09/2006			18 m	34,952				
15250	Ship Repair Pier 3 Replacement	09/2004	09/2005			395 mB	30,939				
	Inc 2 of 2										
							<b>TOTAL</b>	<b>65,891</b>			
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
21420	Auto Vehicle Maintenance						LS	4,520			
15150	Ship Repair Pier 5 Replacement Inc 1 of 4						2450 FB	44,244			
21370	CVN Maintenance Facility						174601 SF	31,910			
15150	Ship Repair Pier 5 Replacement Inc 2 Of 4						845 MB	60,190			
							<b>TOTAL</b>	<b>140,864</b>			
C. R&M Unfunded Requirement (\$000): 438,313											
10. Mission or Major Functions:											
Provide logistic support for assigned ships and service craft. Perform authorized work in connection with construction, conversion, overhaul, repair, alteration, dry docking, and outfitting of ships and craft, as assigned. Perform manufacturing, research, development and test work, as assigned. Perform services and material to other activities and units, as directed by competent authority.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*): 0											
B. Occupational Safety and Health(OSH)(#): 0											

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA	4. Command Commander Navy Installations	5. Area Const Cost Index .94

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title Dry Dock #8 Modernization		
5. Program Element 0703676N	6. Category Code 21310	7. Project Number P382	8. Project Cost (\$000) 34,952		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
DRY DOCK #8 MODERNIZATION (60 LF)		m	18.29		20,490
DRY DOCK 8 EXTENSION (60 LF)		m	18.29	1,068,675.72	(19,550)
BUILT-IN EQUIPMENT		LS			(890)
TECHNICAL OPERATING MANUALS		LS			(50)
SUPPORTING FACILITIES					11,010
ELECTRICAL UTILITIES		LS			(2,020)
MECHANICAL UTILITIES		LS			(1,020)
PAVING AND SITE IMPROVEMENTS		LS			(3,260)
SITE PREPARATIONS		LS			(720)
DEMOLITION		LS			(3,990)
SUBTOTAL					31,500
CONTINGENCY (5%)					1,580
TOTAL CONTRACT COST					33,080
SIOH (5.7%)					1,890
SUBTOTAL					34,970
TOTAL REQUEST ROUNDED					34,970
TOTAL REQUEST					34,952
<b>10. Description of Proposed Construction</b>					
The Using Activity for this project is planned to be: NORFOLK NAVAL SHIPYARD.					
Construction will extend Dry Dock #8 inboard by 18.29 meters (60 feet). The project will relocate utilities (electrical, steam, fresh water, salt water and compressed air), crane rails, and railroad tracks from the head of the existing dock to the head of the dock extension. Demolition of a portion of the utility tunnel, crane rail foundations, rail tracks, utilities and the existing dock headwall will be required. Construction will include a pile foundation, new concrete gravity headwall and sidewalls. The two existing passenger and freight elevators will be replaced with watertight passenger and freight elevators. A drainage pump will be added to the main dock pumping station (Pump well #8) to support the increasing nuclear carrier cooling requirement. Dry Dock #8 will continue to be utilized during the majority of the construction period, with the exception of a multiple month period when the existing headwall is demolished and the existing dock and extension are connected.					
<b>11. Requirement:</b> <u>18 m</u> <b>Adequate:</b> <u>0 m</u> <b>Substandard:</b> <u>0 m</u>					
<b>PROJECT:</b>					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006						
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		4. Project Title Dry Dock #8 Modernization								
5. Program Element 0703676N	6. Category Code 21310	7. Project Number P382	8. Project Cost (\$000) 34,952							
<p>This project extends Dry Dock #8 to meet the new mission requirement of repairing NIMITZ-class carriers with a bulbous bow.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>An adequate sized drydock is required to accommodate the increased length of Nimitz class carriers. Norfolk Naval Shipyard provides ship overhaul and repair services to all classes of ships and submarines in the Atlantic Fleet. Dry Dock #8 is the only public dry dock on the East coast that is fully capable of overhauling a NIMITZ-class aircraft carrier. The last two carriers in the NIMITZ class (CVN-76 and CVN-77) are being built with a bulbous bow. This ship design increases the length of the carrier's hull by 11.89 meters (39 feet), rendering the existing Dry Dock #8 too short to perform maintenance operations such as shaft removal. Due to increased carrier cooling requirements, an additional drainage pump is needed to meet the cooling requirements.</p> <p><b>CURRENT SITUATION:</b></p> <p>When the NIMITZ-class carriers are equipped with bulbous bows, either during new construction or by retrofit during overhaul, the existing dry dock will be too short to provide full maintenance and repair services. Additionally, increased carrier cooling requirements cause the existing drainage pumps to operate constantly. This means that there is no back-up capacity available if one of the pumps fail; pump failure requires the installation of a temporary drainage system. Northrop-Grumman Newport News (NGNN) has the only other Navy-certified dry dock in the Tidewater area that can perform all the required maintenance and repair operations on NIMITZ-class carriers. Their dock is fully utilized through the foreseeable future with no available time slot for an emergent carrier docking. The CVN-77 is scheduled for delivery and a Post Shakedown Availability (PSA) in late FY 2009. If there are any deficiencies which require a docking evolution, NGNN will not have a dock available.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Norfolk Naval Shipyard will be unable to provide full repair and maintenance services for NIMITZ-class carriers with a bulbous bow, as well as the future classes of carriers. Temporary drainage systems will continue to be installed to help maintain increasing carrier cooling requirements.</p>										
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date Design or Parametric Cost Estimate Started</td> <td>082004</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate Complete</td> <td>092005</td> </tr> <tr> <td>(C) Date Design Completed</td> <td>092006</td> </tr> </table>					(A) Date Design or Parametric Cost Estimate Started	082004	(B) Date 35% Design or Parametric Cost Estimate Complete	092005	(C) Date Design Completed	092006
(A) Date Design or Parametric Cost Estimate Started	082004									
(B) Date 35% Design or Parametric Cost Estimate Complete	092005									
(C) Date Design Completed	092006									

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		4. Project Title Dry Dock #8 Modernization		
5. Program Element 0703676N	6. Category Code 21310	7. Project Number P382	8. Project Cost (\$000) 34,952	
(D) Percent Completed as of SEPTEMBER 2005				35%
(E) Percent Completed as of JANUARY 2006				50%
(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 Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$2,040
(A) Production of Plans and Specifications				\$1,000
(B) All other Design Costs				\$1,040
(C) Total				\$2,040
(D) Contract				\$1,930
(E) In-House				\$110
4. Contract Award				122006
5. Construction Start				012007
6. Construction Complete				022010
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral construction is recommended. This facility can be used by other components on a as available basis: however, the scope of this project is based on Navy requirements.				
Activity POC: Kim Barbish		Phone No: 757-396-8638		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		4. Project Title Dry Dock #8 Modernization	
5. Program Element 0703676N	6. Category Code 21310	7. Project Number P382	8. Project Cost (\$000) 34,952

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA			4. Project Title Ship Repair Pier 3 Replacement Inc 2 of 2		
5. Program Element 0203176N		6. Category Code 15250	7. Project Number P391A	8. Project Cost (\$000) Auth 0 Approp 30,939 Auth for Approp 30,939	
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
SHIP REPAIR PIER 3 REPLACEMENT INC 2 OF 2 (1,296 FB)		mB	395		39,660
REPAIR PIER 3 AND BERTH 25 (1,296 FB)		mB	395	72,947.36	(28,810)
FENDERING SYSTEM AND MOORING		LS			(2,620)
ELECTRICAL UTILITIES		LS			(7,070)
TELECOMMUNICATION		LS			(560)
STEEL PRICE INCREASE		LS			(500)
TECHNICAL OPERATING MANUALS		LS			(100)
SUPPORTING FACILITIES					31,330
ELECTRICAL UTILITIES		LS			(10,420)
MECHANICAL UTILITIES		LS			(540)
PAVING AND SITE IMPROVEMENTS		LS			(7,700)
DEMOLITION		LS			(4,800)
DREDGING		LS			(5,750)
CIVIL UTILITIES		LS			(580)
TELECOMMUNICATION		LS			(1,100)
BUILDINGS		LS			(440)
SUBTOTAL					70,990
CONTINGENCY (5%)					3,550
TOTAL CONTRACT COST					74,540
SIOH (5.7%)					4,250
SUBTOTAL					78,790
LESS INCREMENT I		LS			-47,324
TOTAL REQUEST ROUNDED					31,466
TOTAL REQUEST					30,939
<b>10. Description of Proposed Construction</b>					
The Using Activity for this project is planned to be: NORFOLK NAVAL SHIPYARD.					
Demolish and replace Ship Repair Pier 3 (6,335 SM) and Quaywall Berth 25 (1,362 SM). Heavy weather moorings will be constructed on Pier 3. An underground electrical duct bank system and a mechanical utility tunnel will be constructed and utilities will be routed through them with					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		4. Project Title Ship Repair Pier 3 Replacement Inc 2 of 2		
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P391A	8. Project Cost (\$000) Auth 0 Approp 30,939 Auth for Approp 30,939	
<p>connections to the duct bank and utility systems along the head of Pier 3 on Hitchcock Street. Power to the pier/berth will be provided from a new 35KV Distribution Station. The new 35KV distribution will be located at the NNSY's utility point of service. A utility tunnel will be constructed to route the utilities to the pier. The following buildings will be demolished : Bldg 193, Public Restroom (103 SM), Bldg 225, Storage Area (300 SM), Bldg 406, Electrical Distribution Station III (156 SM), Bldg 445, Electrical Substation D-1 (71 SM), and Bldg 831, Saltwater Pump Station (71 SM). The Saltwater Pump Station (123 SM), and public restrooms (242 SM) will be rebuilt as part of this project. Dredge to 47 + 2 feet.</p>				
<p><b>11. Requirement:</b>      <u>395 mB</u>    <b>Adequate:</b>      <u>0 mB</u>    <b>Substandard:</b>      <u>0 mB</u></p> <p><b>PROJECT:</b></p> <p>This project will replace existing facilities for the depot level maintenance of a NIMITZ class aircraft carrier (CVN) and submarine overhaul (SSN and SSBN).</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Pier 3 and Berth 25 are World War I era structures. Pier 3 has been used to repair all classes of naval vessels and Berth 25 has been used as a retaining structure between Pier 3 and Pier 4. Replacing Pier 3 will enhance the flexibility of the Shipyard to repair any class of ship, minimizing impact to the Fleet. Major modifications are required to increase the structural and utility system capacities to meet the current and future requirements for all classes of naval vessels. This project is the first phase which enables the execution of the Waterfront Development Plan. The NNSY Waterfront Development Plan consists of replacing Pier 3, Pier 6, demolishing Piers 4 and 5 while constructing a new Pier 5 to criteria, and extending Dry Dock #8. The Waterfront Development Plan also includes construction of a new 34.5 KV electric power distribution system.</p> <p><b>CURRENT SITUATION:</b></p> <p>Pier 3 and Berth 25 were built from 1917 to 1921 and are required to meet NNSY's mission. The shipyard has two independent studies outlining existing deteriorated conditions of Pier 3. The first study in March 1998 documents the deterioration of the bulkhead (gaps in concrete sheet pile), relieving platform connections, and mechanical utilities. The second study in March 2000 verified the existing condition in the first study. These studies recommended repair to the relieving platform tieback to restore lateral capacity. The east and west sections of Pier 3 have experienced accelerated failures which have rendered the pier unusable for its intended</p>				



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		4. Project Title Ship Repair Pier 3 Replacement Inc 2 of 2		
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P391A	8. Project Cost (\$000) Auth 0 Approp 30,939 Auth for Approp 30,939	
purpose. Due to loss of the pier tieback system, lateral capacity of pier structural system will not support safe berthing for repair operations.				
<b>IMPACT IF NOT PROVIDED:</b>				
Pier 3 and Berth 25 have failed; therefore, Pier 3 is the logical starting point for our waterfront infrastructure repairs. The risk of catastrophic failure increases with time; therefore, the delay of this project could seriously prevent NNSY from meeting its mission.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092004
(B) Date 35% Design or Parametric Cost Estimate Complete				012005
(C) Date Design Completed				092005
(D) Percent Completed as of SEPTEMBER 2005				100%
(E) Percent Completed as of JANUARY 2006				100%
(F) Type of Design Contract			Design Bid Build	
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$4,300
(A) Production of Plans and Specifications				\$2,600
(B) All other Design Costs				\$1,700
(C) Total				\$4,300
(D) Contract				\$4,000
(E) In-House				\$300
4. Contract Award				122005
5. Construction Start				012006
6. Construction Complete				122008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
<b>JOINT USE CERTIFICATION:</b>				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Chris Ceniccola		Phone No: 757-396-8240		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N32443 NAVSUPPACT NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA		4. Project Title Ship Repair Pier 3 Replacement Inc 2 of 2	
5. Program Element 0203176N	6. Category Code 15250	7. Project Number P391A	8. Project Cost (\$000) Auth 0 Approp 30,939 Auth for Approp 30,939

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006		
3. Installation and Location: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA					4. Command Commandant of the Marine Corps		5. Area Const Cost Index 1.02			
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	147	1187	906	1033	350	1508	1283	2781	4667
B. End FY 2012	144	999	1007	2009	1402	1676	1300	2743	5186	16466
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(60534 Acres)										
B. INVENTORY AS OF 30 Sep 2005 ..... 1,906,071										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 80,072										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 42,187										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 20,192										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 115,982										
G. REMAINING DEFICIENCY ..... 192,393										
H. <b>GRAND TOTAL</b> ..... <b>2,356,897</b>										
8. Projects Requested In This Program										
<u>Cat</u>						<u>Design Status</u>		<u>Cost</u>		
<u>Code</u>	<u>Project Title</u>				<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>		
61010	Hockmuth Hall Addition Inc 2 of 2				09/2004	06/2006	13182 m2	11,559		
72411	Student Quarters - TBS (Phase 1)				09/2003	11/2006	8572 m2	22,311		
17110	Academic Instruction Facility - SNCO				10/2005	04/2006	2446 m2	8,317		
							<b>TOTAL</b>	<b>42,187</b>		
9. Future Projects:										
A. Included In The Following Program:										
72411 Student Quarters, TBS ( Ph 2)							161060 SF	20,192		
							<b>TOTAL</b>	<b>20,192</b>		
B. Major Planned Next Three Years:										
21560 Artillery Instruction Battery							0 LS	5,812		
72124 Bachelor Enlisted Quarters - MSGBN Hq							86530 SF	23,037		
72411 Student Quarters - TBS (Ph 3)							95401 SF	20,192		
72210 Dining Facility - OCS							29500 SF	6,654		
85110 Infrastructure - Fuller Road							71759 SY	6,032		
72411 Student Quarters - TBS (Ph 4)							LS	20,172		
61010 OCS Headquarters Facility							13250 SF	4,710		
85110 Infrastructure Russell Road (PH 1)							LS	5,617		
83110 Replace Camp Upshur WWTP							0 LS	4,343		
74060 Dining Facility, TBS							48238 SF	19,413		
							<b>TOTAL</b>	<b>115,982</b>		
C. R&M Unfunded Requirement (\$000): 55,990										
10. Mission or Major Functions:										
The installation mission is to maintain and operate facilities and provide										

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA	4. Command Commandant of the Marine Corps	5. Area Const Cost Index 1.02
<p>services and material to support the Marine Corps Combat Development Command, the Marine Corps Air Facility Quantico, and other activities and units designated by the Commandant of the Marine Corps.</p> <p>The mission of the Marine Corps Combat Development Command is to develop Marine Corps warfighting concepts and to determine associated required capabilities in the areas of doctrine, organization, training and education, equipment, and support facilities to enable the Marine Corps to field combat-ready forces; and to participate in and support other major processes of the Combat Development System.</p>		
<p>11. Outstanding Pollution and Safety Deficiencies (\$000):</p> <p>A. Pollution Abatement(*): 0</p> <p>B. Occupational Safety and Health(OSH)(#): 0</p>		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA		4. Project Title Student Quarters, The Basic School (Ph 1)		
5. Program Element 0805796M	6. Category Code 72411	7. Project Number P370	8. Project Cost (\$000) 22,311	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
STUDENT QUARTERS, THE BASIC SCHOOL (PH 1) (92,268 SF)	m2	8,572		15,020
COMPANY ADMIN (3,466 SF)	m2	322	1,448.48	(470)
STUDENT OFFICER QTRS (88,802 SF)	m2	8,250	1,468.39	(12,110)
BUILT-IN EQUIPMENT	LS			(790)
TECHNICAL OPERATING MANUALS	LS			(100)
INFORMATION SYSTEMS	LS			(840)
ANTI-TERRORISM/FORCE PROTECTION	LS			(710)
SUPPORTING FACILITIES				4,260
SPECIAL CONSTRUCTION FEATURES	LS			(820)
ELECTRICAL UTILITIES	LS			(450)
MECHANICAL UTILITIES	LS			(280)
PAVING AND SITE IMPROVEMENTS	LS			(2,030)
DEMOLITION	LS			(450)
ENVIRONMENTAL MITIGATION	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
SUBTOTAL				19,280
CONTINGENCY (5%)				960
TOTAL CONTRACT COST				20,240
SIOH (5.7%)				1,150
SUBTOTAL				21,390
DESIGN/BUILD - DESIGN COST				770
TOTAL REQUEST ROUNDED				22,160
TOTAL REQUEST				22,311
<b>10. Description of Proposed Construction</b>				
<p>Phase 1 of a 6-Phase building replacement plan that will construct a multistory reinforced concrete masonry unit (CMU) building with concrete foundation and floors, Georgian style cast stone and brick veneer, and standing seam metal roof over structural steel framing. Building provides 250 rooms in the 1+1 E room configuration (125 modules) with semi-private bathrooms and walk-in closets. Community and service core areas consist of laundry facilities, lounges, Company Administrative offices, housekeeping areas and public restrooms. Built in equipment includes a service elevator and closet organization system. Information Systems include wiring for</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA		4. Project Title Student Quarters, The Basic School (Ph 1)		
5. Program Element 0805796M	6. Category Code 72411	7. Project Number P370	8. Project Cost (\$000) 22,311	
<p>local area network (LAN), cable and television (CATV), and telephone. Electrical systems include fire alarms and energy saving electronic monitoring and control system (EMCS). Mechanical systems include plumbing, fire protection systems, and heating ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, LAN, CATV). Paving and site improvements include paved parking, sidewalks, roadway access and landscaping. Sustainable design will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other directives. Also includes Technical Operating Manuals and Anti-Terrorism/Force Protection features consisting of 8-inch R-CMU exterior walls, 25psi exterior doors, 1-inch blast resistant polycarbonate windows, and 6-inch RC floors, ceilings, and roof. Demolition of existing barracks wing, G-wing of B-24165 (2,880 m2), as well as lead paint and asbestos abatement and any required environmental mitigation, is included. Project will match existing 2000 series barracks on base per the Base Exterior Architecture Plan (BEAP). 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.</p>				
<b>11. Requirement:</b> <u>8,882 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>				
<b>PROJECT:</b> Provide adequate housing for 250 officers undergoing initial training at The Basic School (TBS), Quantico, Virginia. <b>(Current Mission)</b>				
<b>REQUIREMENT:</b> O'Bannon Hall does not meet the Minimum Standards of Adequacy set forth in Marine Corps Order P11000.22. Sleeping/Living Area per module is 46 square meters (SM) or 23SM per person. Existing module in O'Bannon Hall is 42SM, which is below current standard for two persons. With three persons assigned this provides 13SM per person vice the required 23SM. The Average on Board (AOB) student loading of 1,415 with max loading by schedule method of 1,650 students exceeds current housing capacity.				
<b>CURRENT SITUATION:</b> All Marine Officers, regardless of accession source, are trained at TBS. Each year, TBS conducts six (6) Basic Officer Courses (BOC) consisting of 250 lieutenants each, and one (1) Warrant Officer (WO) Company of 250 officers. In addition to the six BOC's and one WO course, TBS billets and trains Naval Academy midshipmen, Infantry Officer students, and Reserve Officers.  Currently, there is not enough living space for all of the students				

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title Student Quarters, The Basic School (Ph 1)		
5. Program Element 0805796M	6. Category Code 72411	7. Project Number P370	8. Project Cost (\$000) 22,311		
<p>enrolled in The Basic School. On average, TBS billets approximately 1,200 students per day resulting in an overcrowded situation. Normally three (3) to four (4) officers are billeted in a space (O'Bannon Hall) designed for two; and two (2) officers in a space (Graves Hall) designed for one. During surge periods, three months out of the year, an additional officer is added to this loading.</p> <p>O'Bannon Hall also has structural problems due to settling of the building as well as significant deterioration of the plumbing, electrical, and HVAC systems. Several rooms are closed due to safety concerns.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>If not provided, overcrowding will continue. The Minimum Standards of Adequacy (MCO P11000.22) will not be achieved without the construction of this facility.</p>					
<b>12. Supplemental Data:</b>					
A. Estimated Design Data:					
1. Status:					
(A) Date Design or Parametric Cost Estimate Started					092003
(B) Date 35% Design or Parametric Cost Estimate Complete					092006
(C) Date Design Completed					112006
(D) Percent Completed as of SEPTEMBER 2005					10%
(E) Percent Completed as of JANUARY 2006					15%
(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:					Yes
(B) Where Design Was Previously Used:					
3. Total Cost (C) = (A) + (B) = (D) + (E) :					\$580
(A) Production of Plans and Specifications					\$500
(B) All other Design Costs					\$80
(C) Total					\$580
(D) Contract					\$80
(E) In-House					\$500
4. Contract Award					012007
5. Construction Start					042007
6. Construction Complete					082008
B. Equipment associated with this project which will be provided from other appropriations: NONE					
C. FY 2005 R&M Conducted (\$000):					4,598
D. FY 2006 R&M Conducted (\$000):					2,791
E. Future R&M Requirements (\$000):					





1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA		4. Project Title SNCO Academic Facility		
5. Program Element 0805796M	6. Category Code 17110	7. Project Number P519	8. Project Cost (\$000) 8,317	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
SNCO ACADEMIC FACILITY (26,329 SF)	m2	2,446		6,780
SNCO ACADEMIC FACILITY (26,329 SF)	m2	2,446	1,680.36	(4,110)
BUILT-IN EQUIPMENT	LS			(1,580)
TECHNICAL OPERATING MANUALS	LS			(200)
INFORMATION SYSTEMS	LS			(520)
ANTI-TERRORISM/FORCE PROTECTION	LS			(370)
SUPPORTING FACILITIES				450
ELECTRICAL UTILITIES	LS			(80)
MECHANICAL UTILITIES	LS			(100)
PAVING AND SITE IMPROVEMENTS	LS			(270)
SUBTOTAL				7,230
CONTINGENCY (5%)				360
TOTAL CONTRACT COST				7,590
SIOH (5.7%)				430
SUBTOTAL				8,020
DESIGN/BUILD - DESIGN COST				290
TOTAL REQUEST ROUNDED				8,310
TOTAL REQUEST				8,317
<b>10. Description of Proposed Construction</b>				
<p>This project, Staff Non-Commissioned Officer (SNCO) Facility constructs a multi-story brick-faced, cast stone, Georgian-style building to match existing architectural plan, with structural steel frame, standing seam metal roof and brick veneer. Special costs include reinforced concrete slab-on-grade, elevated reinforced concrete slabs, spread footing foundation, and a simulation laboratory. Built in equipment includes a freight/passenger elevator, sound-proof walls, kitchen/break room, bleachers and electronic classroom computer stations. Electrical systems include fire alarms and information systems, to include Local Area Network (LAN). Mechanical systems include EMCS, carbon dioxide system for simulators, electrical and fire protection systems, plumbing, and HVAC. Sustainable principles will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders. Paving and site improvements include landscaping. Technical operating manuals will be provided. AT/FP features are also included.</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006																								
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA		4. Project Title SNCO Academic Facility																										
5. Program Element 0805796M	6. Category Code 17110	7. Project Number P519	8. Project Cost (\$000) 8,317																									
<p><b>PROJECT REQUIREMENT:</b> <u>2,411 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u>  Construct a new academic facility to accommodate up to 300 Staff Non-Commissioned Officer (SNCO) Marines with one electronic classroom, 16 small classrooms to accommodate small discussion groups, administrative spaces and a simulation classroom.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b>  Adequate facilities for an academic and applied instruction facility to accommodate an efficiently configured building providing staff-noncommissioned officers with functional lecture classrooms, small discussion classrooms, an electronic classroom, and a simulation laboratory for developmental and supplemental training.</p> <p><b>CURRENT SITUATION:</b>  The SNCO currently utilizes Buildings 3078 and 3080 on base that are circa 1930's - 1940's vintage construction. Currently there is no available space to construct required simulation labs and electronic classrooms, which limits the mission of the academy. Additionally, the spaces being used have inadequate air conditioning and heating and are undersized. The limited space, inadequate facilities, poor ventilation, and inefficient arrangement of the spaces adversely affect the morale of the students and the staff. Furthermore, existing assembly spaces do not meet current code requirements and present a safety hazard.</p> <p><b>IMPACT IF NOT PROVIDED:</b>  Continued use of substandard and inadequate instruction facilities for Staff Non-Commissioned officers.</p>																												
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date Design or Parametric Cost Estimate Started</td> <td>102005</td> </tr> <tr> <td>(B) Date 35% Design or Parametric Cost Estimate Complete</td> <td>012006</td> </tr> <tr> <td>(C) Date Design Completed</td> <td>042006</td> </tr> <tr> <td>(D) Percent Completed as of SEPTEMBER 2005</td> <td>10%</td> </tr> <tr> <td>(E) Percent Completed as of JANUARY 2006</td> <td>15%</td> </tr> <tr> <td>(F) Type of Design Contract</td> <td>Design Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy study/Life cycle analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design:</td> <td>No</td> </tr> <tr> <td>(B) Where Design Was Previously Used:</td> <td></td> </tr> </table> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) :</p> <table> <tr> <td>(A) Production of Plans and Specifications</td> <td>\$340</td> </tr> <tr> <td>(B) All other Design Costs</td> <td>\$340</td> </tr> </table>					(A) Date Design or Parametric Cost Estimate Started	102005	(B) Date 35% Design or Parametric Cost Estimate Complete	012006	(C) Date Design Completed	042006	(D) Percent Completed as of SEPTEMBER 2005	10%	(E) Percent Completed as of JANUARY 2006	15%	(F) Type of Design Contract	Design Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy study/Life cycle analysis performed	Yes	(A) Standard or Definitive Design:	No	(B) Where Design Was Previously Used:		(A) Production of Plans and Specifications	\$340	(B) All other Design Costs	\$340
(A) Date Design or Parametric Cost Estimate Started	102005																											
(B) Date 35% Design or Parametric Cost Estimate Complete	012006																											
(C) Date Design Completed	042006																											
(D) Percent Completed as of SEPTEMBER 2005	10%																											
(E) Percent Completed as of JANUARY 2006	15%																											
(F) Type of Design Contract	Design Build																											
(G) Parametric Estimate used to develop cost	Yes																											
(H) Energy study/Life cycle analysis performed	Yes																											
(A) Standard or Definitive Design:	No																											
(B) Where Design Was Previously Used:																												
(A) Production of Plans and Specifications	\$340																											
(B) All other Design Costs	\$340																											

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title SNCO Academic Facility	
5. Program Element 0805796M	6. Category Code 17110	7. Project Number P519	8. Project Cost (\$000) 8,317	
(C) Total				\$340
(D) Contract				\$280
(E) In-House				\$60
4. Contract Award				122006
5. Construction Start				032007
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION: The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. 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: Rich Reisch			Phone No: 703-784-5490	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: M00264 MARINE CORPS BASE QUANTICO QUANTICO, VIRGINIA			4. Project Title SNCO Academic Facility	
5. Program Element 0805796M	6. Category Code 17110	7. Project Number P519	8. Project Cost (\$000) 8,317	
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006			
3. Installation and Location: N68967 NAVAL STATION EVERETT EVERETT, WASHINGTON				4. Command Commander Navy Installations		5. Area Const Cost Index 1.11				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09/30/05		459	5037	39	0	0	0	15	61	0
B. End FY 2012		398	5006	40	0	0	0	15	61	0
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(213 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										368,150
C. AUTHORIZATION NOT YET IN INVENTORY .....										49,950
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										20,917
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										15,261
G. REMAINING DEFICIENCY .....										23,120
<b>H. GRAND TOTAL .....</b>										<b>477,398</b>
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>				<u>(\$000)</u>		
72111	BEQ - Homeport Ashore Inc 2 of 2	09/2003	04/2006	33965 m2				20,917		
<b>TOTAL</b>								<b>20,917</b>		
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
17120 Fleet Region Readiness Center				28632 SF			15,261			
<b>TOTAL</b>								<b>15,261</b>		
C. R&M Unfunded Requirement (\$000):										22,838
10. Mission or Major Functions:										
Provide homeport facilities and logistic support for an Aircraft Carrier Strike Group. Provide harbor and waterfront facilities; ship maintenance support and personnel support facilities; and athletic, recreational, berthing, and messing services.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N68967 NAVAL STATION EVERETT EVERETT, WASHINGTON	4. Command Commander Navy Installations	5. Area Const Cost Index 1.11

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1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68967 NAVAL STATION EVERETT EVERETT, WASHINGTON		4. Project Title BEQ Homeport Ashore Inc 2 of 2		
5. Program Element 0203276N	6. Category Code 72111	7. Project Number P155A	8. Project Cost (\$000) Auth 0 Approp 20,917 Auth for Approp 20,917	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
BEQ HOMEPORT ASHORE INC 2 OF 2 (365,596 SF)	m2	33,965		39,000
CONSTRUCT BEQ (SAILOR ASHORE) (145,636 SF)	m2	13,530	1,689.25	(22,860)
3 - STORY PARKING GARAGE (219,961 SF)	m2	20,435	392.51	(8,020)
BUILT-IN EQUIPMENT	LS			(1,210)
TECHNICAL OPERATING MANUALS	LS			(330)
INFORMATION SYSTEMS	LS			(2,180)
ANTI-TERRORISM/FORCE PROTECTION	LS			(870)
SPECIAL COSTS	LS			(3,530)
SUPPORTING FACILITIES				22,700
SPECIAL CONSTRUCTION FEATURES	LS			(2,490)
SPECIAL FOUNDATION FEATURES	LS			(13,910)
ELECTRICAL UTILITIES	LS			(710)
MECHANICAL UTILITIES	LS			(1,210)
PAVING AND SITE IMPROVEMENTS	LS			(3,930)
ENVIRONMENTAL MITIGATION	LS			(370)
ANTI-TERRORISM/FORCE PROTECTION	LS			(80)
SUBTOTAL				61,700
CONTINGENCY (5%)				3,090
TOTAL CONTRACT COST				64,790
SIOH (5.7%)				3,690
SUBTOTAL				68,480
DESIGN/BUILD - DESIGN COST				2,470
LESS INCREMENT I FUNDING	LS			-49,525
TOTAL REQUEST ROUNDED				21,425
TOTAL REQUEST				20,917
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(1,050)
<b>10. Description of Proposed Construction</b>				
Provides Bachelor Enlisted Quarters for 818 E1 - E3 personnel. 205				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68967 NAVAL STATION EVERETT EVERETT, WASHINGTON		4. Project Title BEQ Homeport Ashore Inc 2 of 2		
5. Program Element 0203276N	6. Category Code 72111	7. Project Number P155A	8. Project Cost (\$000) Auth 0 Approp 20,917 Auth for Approp 20,917	
<p>Expanded 1+1 modules each containing two-room private sleeping/living room areas and closets for up to four people (2 people per room) will be constructed. This includes a shared bathroom, kitchenette, and a stacked washer/dryer area. This project supports the Navy's Homeport Ashore Program to house homeported single sailors on shore in lieu of on board while in port. Currently when ships return to homeport, sailors must sleep aboard in bunk beds in cramped spaces with dozens of shipmates, and only a small locker to store their personal belongings.</p> <p>The site available for the BEQ is adjacent to other BEQs at NAVSTA Everett, but is irregularly shaped, requiring the BEQ to be split into two buildings. This project is arranged to minimize impact on existing roadways and parking. Additional security measures, including refuse / equipment screens, bollards and security fencing with gates, will also be provided.</p> <p>The BEQ and parking garage will be built on pile foundations due to the geotechnical characteristics of NAVSTA Everett. Sustainable design will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other directives. Built-In Equipment includes elevators and kitchenettes. Special Costs include seismic adjustments, site clearance (removal and disposal of concrete and asphalt of the site) and bird control. Special Construction Features include sloping roof and Building Exterior Architecture plans (building exterior must be uniform with other existing facilities located at Naval Station Everett). Special Foundation Features include friction pile foundations and slabs-on-grade.</p> <p>Intended Grade Mix: 818 E1-E3 Maximum Utilization: 818 E1-E3</p>				
<b>11. Requirement:</b> <u>33,965 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u> <b>PROJECT:</b> This project provides Bachelor Enlisted Quarters for 818 E1 - E3 personnel as part of the Navy's Homeport Ashore Program. <b>(Current Mission)</b> <b>REQUIREMENT:</b> Adequate housing facilities and parking are required for shipboard personnel homeported at Naval Station Everett. The requirement is part of the Navy's Homeport Ashore Program that will eliminate having sailors live aboard ships when in homeport in conditions that are cramped and				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N68967 NAVAL STATION EVERETT EVERETT, WASHINGTON		4. Project Title BEQ Homeport Ashore Inc 2 of 2	
5. Program Element 0203276N	6. Category Code 72111	7. Project Number P155A	8. Project Cost (\$000) Auth 0 Approp 20,917 Auth for Approp 20,917

inadequate.

**CURRENT SITUATION:**

Naval Station Everett is homeport for six combatant ships and one CVN Carrier. This facility is required to support homeported shipboard personnel from a carrier battle group consisting of CVN class carrier and associated combatant ships. The Navy's Homeport Ashore Program to house single sailors on shore in lieu of onboard ship further exacerbates an already critical shortfall in available housing resources and cannot be met with the spaces currently available.

**IMPACT IF NOT PROVIDED:**

Naval Station Everett will continue to have a shortage of BEQ space available for permanent party E1 - E3 currently stationed on board homeported ships at NAVSTA Everett. With the current resources available, Naval Station Everett will not be able to comply with the Navy Homeport Ashore Program to house single sailors on shore vice on board ship. Compared to typical BEQ living, conditions for sailors who must live aboard ship are the worst throughout the Department of Defense: sleeping in bunk beds in cramped spaces with dozens of shipmates, and only a small locker to store their personal belongings. If the Navy Homeport Ashore Program is not fully implemented, Navy enlisted personnel will continue to live in crowded, inadequate facilities or be forced to find accommodations in the private sector at a much higher cost. This will further negatively impact morale, combat readiness, quality of life and retention of trained personnel. Facilities to provide basic living conditions will be inadequate to meet the present and future needs of NAVSTA Everett personnel.

**12. Supplemental Data:**

A. Estimated Design Data:

1. Status:

(A) Date Design or Parametric Cost Estimate Started	092003
(B) Date 35% Design or Parametric Cost Estimate Complete	092005
(C) Date Design Completed	042006
(D) Percent Completed as of SEPTEMBER 2005	10%
(E) Percent Completed as of JANUARY 2006	15%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/Life cycle analysis performed	No

2. Basis:

(A) Standard or Definitive Design:	No
(B) Where Design Was Previously Used:	N/A

3. Total Cost (C) = (A) + (B) = (D) + (E) : \$300

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68967 NAVAL STATION EVERETT EVERETT, WASHINGTON		4. Project Title BEQ Homeport Ashore Inc 2 of 2		
5. Program Element 0203276N	6. Category Code 72111	7. Project Number P155A	8. Project Cost (\$000) Auth 0 Approp 20,917 Auth for Approp 20,917	
(A) Production of Plans and Specifications				\$250
(B) All other Design Costs				\$50
(C) Total				\$300
(D) Contract				\$50
(E) In-House				\$250
4. Contract Award				032006
5. Construction Start				052006
6. Construction Complete				042008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
PSE		OPN	2007	1,050
C. FY 2005 R&M Conducted (\$000):				
D. FY 2006 R&M Conducted (\$000):				
E. Future R&M Requirements (\$000):				
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Mr. Gary Grayson			Phone No: 425-304-3073	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006				
3. Installation and Location: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON					4. Command Commander Navy Installations			5. Area Const Cost Index 1.18				
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT			TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV		
A. As Of 09/30/05		523	5192	1887	0	0	0	33	34	0	7669	
B. End FY 2012		526	5507	1887	0	0	0	33	34	0	7987	
<b>7. INVENTORY DATA (\$000)</b>												
A. TOTAL ACREAGE ..( Acres)												
B. INVENTORY AS OF 30 Sep 2005 .....											9,046	
C. AUTHORIZATION NOT YET IN INVENTORY .....											133,775	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....											27,781	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....											44,048	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....											232,913	
G. REMAINING DEFICIENCY .....											229,209	
<b>H. GRAND TOTAL .....</b>											<b>676,772</b>	
8. Projects Requested In This Program												
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>					
21650	Limited Area Production/Strg Cmplx Inc 3 of 5	08/2002	06/2006			16000 m2	14,274					
14347	Reaction Force Fac Auxiliary Support Complex	06/2005	08/2006			3279 m2	13,507					
							<b>TOTAL</b>	<b>27,781</b>				
9. Future Projects:												
A. Included In The Following Program:												
21650	Limited Area Production/Strg Cmplx Inc 4 of 5					172223 SF	34,832					
21410	Armored Vehicle Support Facility					8170 SF	3,525					
14347	Reaction Force Facility Addition					4600 SF	1,683					
87210	Waterfront Security Barriers					8000 LF	4,008					
							<b>TOTAL</b>	<b>44,048</b>				
B. Major Planned Next Three Years:												
21220	Equipment Maintenance Building Addition					6243 SF	3,317					
21650	Limited Area Production/Strg Cmplx Inc 5 of 5					172223 SF	54,745					
16910	WRA Land/Water Interface					2 EA	7,355					
81110	Emergency Generator, Limited Area					LS	9,760					
21250	Missile Assembly Building 3					34802 SF	17,405					
15964	Swimmer Interdiction System Security Facility					21668 SF	9,019					
93210	Convoy Route Protection System					10860 LF	67,639					
85110	Consolidate Fuel Facility					LS	9,238					
21250	Motor Inspection Building					18804 SF	14,313					
87210	Limited Area Pidas					18163 LF	40,122					
							<b>TOTAL</b>	<b>232,913</b>				
C. R&M Unfunded Requirement (\$000):											354,811	
10. Mission or Major Functions:												
Provides consolidated management of multiple Naval activities which support												

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON	4. Command Commander Navy Installations	5. Area Const Cost Index 1.18
the Trident submarine program, ordnance handling and storage, ship maintenance and nuclear refueling, underwater weapons testing, crew training and other critical Navy functions. The activity also provides full public works services to numerous supported customer activities.		
11. Outstanding Pollution and Safety Deficiencies (\$000):		
A. Pollution Abatement(*):	0	
B. Occupational Safety and Health(OSH)(#):	0	

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON			4. Project Title Limited Area Prod & Strg Complex Inc 3 of 5		
5. Program Element 0203476N		6. Category Code 21650	7. Project Number P973B	8. Project Cost (\$000) Auth 0 Approp 14,274 Auth for Approp 14,274	
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
LIMITED AREA PROD & STRG COMPLEX INC 3 OF 5 (172,223 SF)		m2	16,000		114,000
PRODUCTION/STORAGE COMPLEX (172,223 SF)		m2	16,000	4,265	(68,240)
BUILT-IN EQUIPMENT		LS			(1,470)
TECHNICAL OPERATING MANUALS		LS			(1,180)
INFORMATION SYSTEMS		LS			(1,770)
ANTI-TERRORISM/FORCE PROTECTION		LS			(340)
SPECIAL COSTS		LS			(41,000)
SUPPORTING FACILITIES					53,880
SPECIAL CONSTRUCTION FEATURES		LS			(34,350)
ELECTRICAL UTILITIES		LS			(2,160)
MECHANICAL UTILITIES		LS			(40)
PAVING AND SITE IMPROVEMENTS		LS			(15,410)
DEMOLITION		LS			(120)
ANTI-TERRORISM/FORCE PROTECTION		LS			(1,800)
SUBTOTAL					167,880
CONTINGENCY (5%)					8,390
TOTAL CONTRACT COST					176,270
SIOH (5.7%)					10,050
SUBTOTAL					186,320
LESS FUTURE YEAR FUNDING		LS			-89,577
LESS INCREMENT I, II FUNDING		LS			-82,465
TOTAL REQUEST ROUNDED					14,278
TOTAL REQUEST					14,274
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(11,939)
<b>10. Description of Proposed Construction</b>					
Construct a reinforced concrete, underground, multi-level re-entry body processing and storage facility. This facility includes a reinforced concrete foundation, hardened floors, and hardened load-bearing walls and roof. The existing Limited Area (LA) perimeter security zone and patrol roads will be expanded to encompass the new LAPSC. Portions of the					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON		4. Project Title Limited Area Prod & Strg Complex Inc 3 of 5		
5. Program Element 0203476N	6. Category Code 21650	7. Project Number P973B	8. Project Cost (\$000) Auth 0 Approp 14,274 Auth for Approp 14,274	
<p>existing LA perimeter will be demolished to provide new access roads. New security guard towers will be constructed. Work will be conducted in the very high security Strategic Weapons Facility Pacific (SWFPAC) Limited Area. Anti-Terrorism/Force Protection features are included.</p> <p>Built-in equipment includes adjustable dock levelers, seven 2-ton bridge crane supports and three elevators. Special costs include seismic construction, structural excavation, special foundations and blast features, earth cover, lightweight concrete weapons isolation component separation wall storage areas and a thick slab-on-grade above the underground structure.</p> <p>Supporting facilities include special foundations, underground electrical and mechanical systems, emergency generator in a hardened shelter, lightning protection and communications. Special construction features include the requirement to pass through security screening prior to entrance and exit, the requirement to furnish escorts, the loss of time due to security and operational drills, the need to construct temporary enclave fencing, the requirement to keep the existing Limited Area in operation during construction, and sustainable development features. Sustainable principles will be intregated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.</p> <p>Demolition includes 2,630 m2 of existing inadequate re-entry buildings (buildings 6007 and 6595) and 5,450 m2 of existing inadequate re-entry body magazines (buildings 6200 through 6220 inclusive, 21 magazines total).</p>				
<p><b>11. Requirement:</b> <u>16,000 m2</u> <b>Adequate:</b> <u>0 m2</u> <b>Substandard:</b> <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>This project provides a Limited Area Production and Storage Complex (LAPSC).</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The Limited Area Production and Storage Complex is required for the receipt/shipment, inspection, assembly, checkout, and maintenance and storage of TRIDENT II tactical and instrumented re-entry bodies. The construction of this facility is proposed for FY2005 in support of TRIDENT II missile production.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON			4. Project Title Limited Area Prod & Strg Complex Inc 3 of 5	
5. Program Element 0203476N	6. Category Code 21650	7. Project Number P973B	8. Project Cost (\$000) Auth 0 Approp 14,274 Auth for Approp 14,274	
<p>A TRIDENT II re-entry body receipt, shipping, processing, and storage capability does not currently exist to meet projected deliveries and processing requirements.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Strategic Weapons Facility Pacific will be incapable of providing adequate re-entry body receipt, shipping, processing, and storage in support of the Strategic Weapons Facility production operations. A single underground protected structure provides the most robust protection for fulfilling this mission against all threats.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082002
(B) Date 35% Design or Parametric Cost Estimate Complete				012004
(C) Date Design Completed				062006
(D) Percent Completed as of SEPTEMBER 2005				35%
(E) Percent Completed as of JANUARY 2006				70%
(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 Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$9,423
(A) Production of Plans and Specifications				\$7,067
(B) All other Design Costs				\$2,356
(C) Total				\$9,423
(D) Contract				\$5,889
(E) In-House				\$3,534
4. Contract Award				122006
5. Construction Start				122006
6. Construction Complete				062010
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procurring</u>	<u>FY</u>	<u>Approp</u>
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
MAINTENANCE WORKSTATIONS		WPN	2005	2,883.531
SECURITY SYSTEMS, SENSORS, TOOLS, TESTING EQUIP		OMN	2006	5,055.518
SECURITY SYSTEMS, WEAPONS, INTRUSION DETECTION SYS		OPN	2007	4,000





1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON		4. Project Title Reaction Force Fac Auxiliary Support Complex		
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P980	8. Project Cost (\$000) 13,507	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
REACTION FORCE FAC AUXILIARY SUPPORT COMPLEX (35,295 SF)	m2	3,279		7,560
AUX REACTION FORCE FACILITY (13,993 SF)	m2	1,300	2,622.1	(3,410)
ARMORED FIGHTING VEHICLE OPERATIONAL STORAGE FACIL (16,146 SF)	m2	1,500	1,236.14	(1,850)
ARMORY (2,530 SF)	m2	235	2,558.69	(600)
ALERT FORCE GARAGE (2,530 SF)	m2	235	1,206.11	(280)
NMCI (100 SF)	m2	9	3,000	(30)
BUILT-IN EQUIPMENT	LS			(270)
TECHNICAL OPERATING MANUALS	LS			(130)
INFORMATION SYSTEMS	LS			(150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(540)
SPECIAL COSTS	LS			(300)
SUPPORTING FACILITIES				4,610
SPECIAL CONSTRUCTION FEATURES	LS			(90)
ELECTRICAL UTILITIES	LS			(1,020)
MECHANICAL UTILITIES	LS			(590)
PAVING AND SITE IMPROVEMENTS	LS			(1,750)
SITE PREPARATIONS	LS			(390)
DEMOLITION	LS			(250)
ANTI-TERRORISM/FORCE PROTECTION	LS			(520)
SUBTOTAL				12,170
CONTINGENCY (5%)				610
TOTAL CONTRACT COST				12,780
SIOH (5.7%)				730
SUBTOTAL				13,510
TOTAL REQUEST ROUNDED				13,510
TOTAL REQUEST				13,507
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(750)
<b>10. Description of Proposed Construction</b>				
This project provides a new Auxiliary Reaction Force Facility (ARFF), a new				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON			4. Project Title Reaction Force Fac Auxiliary Support Complex	
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P980	8. Project Cost (\$000) 13,507	
<p>Armored Fighting Vehicle Operational Storage Facility (AFVOSF), a new Armory, and a new Alert Force Garage (AFG). These facilities will support the Auxiliary Reaction Force (ARF) that provides the Back-Up Force (BUF) to the reaction forces located in the SWFPAC Limited Area and Waterfront Restricted Area (WRA).</p> <p>The new ARFF will support an 80-man security force, and secure-parking for 5 Armored Fighting Vehicles (AFV). The ARFF will be a single-story, ballistic-hardened, reinforced concrete structure, designed to current seismic criteria. The roof will be capable of supporting fighting positions and defensive weapon mounts. The ARFF will be surrounded by a double-fence, Perimeter Intrusion Detection System (PIDAS), with security lighting, gates, and vehicle barriers. The ARFF includes fire detection, fire suppression, communication, electrical, plumbing, heating, ventilation, and air conditioning systems, and a food preparation and serving area. Parking, sidewalks, access roads, paving and environmental protection measures will be provided. Force protection measures include perimeter protection, standoff zones, gates, and vehicle barriers.</p> <p>The new AFVOSF will provide secure-parking for 30 AFVs. The AFVOSF will be a single-story, ballistic-hardened, reinforced concrete structure, designed to current seismic criteria. The AFVOSF will be surrounded by a fence, with gates and security lighting. The AFVOSF includes a small administrative office. The AFVOSF includes fire detection, fire suppression, communication, electrical, plumbing, heating, and ventilation systems. Environmental protection measures will be provided. Force protection measures include perimeter protection, standoff zones, and gates.</p> <p>The existing Marine Corps Barracks Alert Force Vehicle garage facility space will be expanded and converted to an Armory to accommodate both the Reaction force and the BUF of approximately 700 personnel. The new Armory will be a single-story, ballistic-hardened, reinforced concrete structure, designed to current seismic criteria. The Armory includes vault-type issue doors, special ventilation for weapons cleaning equipment, and spaces for administrative and weapons maintenance personnel. Demolition of the existing facility will be required.</p> <p>A new replacement AFG will be constructed adjoining to the existing Marine Corps Barracks. The AFG will be a single-story, ballistic-hardened, reinforced concrete structure, designed to current seismic criteria, and sized to accommodate four of the largest AFVs planned for deployment at the</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N68436 NAVAL BASE KITSAP SILVERDALE, WASHINGTON		4. Project Title Reaction Force Fac Auxiliary Support Complex		
5. Program Element 0203476N	6. Category Code 14347	7. Project Number P980	8. Project Cost (\$000) 13,507	
<p>Naval Base Kitsap - Bangor. The fire detection, fire suppression, communication, electrical, plumbing, heating, and ventilation systems will be extended from the existing adjoining Marine Corps Barracks. Force protection measures include standoff zones, gates, and vehicle barriers. Demolition of the existing facility will be required.</p> <p>The project will provide replacement parking for spaces lost due to construction of this project, including site lighting and environmental protection measures. The project will provide the necessary utilities and site improvements to support the primary facilities, and to provide the MILCON funded infrastructure for the Electronic Security Systems (ESS), including an ESS equipment room, conduits and junction boxes.</p> <p>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.</p>				
<p><b>11. Requirement:</b>     <u>3,035 m2</u>   <b>Adequate:</b>     <u>0 m2</u>   <b>Substandard:</b>     <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Provides an Auxiliary Reaction Force Facility (ARFF), an Armored Fighting Vehicle Operational Storage Facility (AFVOSF), an Armory and an Alert Force Garage (AFG).</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>The SWFPAC security mission has expanded from defending the Explosive Handling Wharf operations to defending the entire SUBASE waterfront on a seven-day, twenty-four hour basis. To meet this expanded mission, the Auxiliary Reaction Force (ARF), which provides the Back-Up Force (BUF) to the reaction forces located in the SWFPAC Limited Area and Waterfront Restricted Area (WRA), will be increased by 300 personnel. Additional security facilities are required to support both the current, and the additional, security force personnel and equipment, to meet the required response times. The additional security force personnel, and supporting AFVs, began arriving May 2005.</p> <p><b>CURRENT SITUATION:</b></p> <p>The additional ARF must be housed in temporary, unprotected facilities, which are located remotely from the Limited Area and WRA. The ARF must be shuttled to the Limited Area and WRA, which does not all the ARF to meet the required response times. The existing armory is not sized to support the additional ARF.</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
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5. Program Element 0203476N	6. Category Code 14347	7. Project Number P980	8. Project Cost (\$000) 13,507	
<b>IMPACT IF NOT PROVIDED:</b> If not provided, the ARF will remain vulnerable to attack and unable to respond to the critical facilities within the required response times. Security on the SWFPAC Limited area and SUBASE Bangor waterfront will continue to be compromised. The existing armory will be overcrowded and inefficient, and the additional AFVs will be located remotely from the ARF in unprotected areas, further increasing vulnerability and response times. The additional security force personnel will not have sufficient parking.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				082006
(D) Percent Completed as of SEPTEMBER 2005				35%
(E) Percent Completed as of JANUARY 2006				55%
(F) Type of Design Contract				Design Bid Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$1,800
(A) Production of Plans and Specifications				\$900
(B) All other Design Costs				\$900
(C) Total				\$1,800
(D) Contract				\$1,500
(E) In-House				\$300
4. Contract Award				112006
5. Construction Start				122006
6. Construction Complete				032008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY</u>	<u>Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
PSE (Sensors, CCTV, Access Control equipment)		OPN	2007	750
<b>JOINT USE CERTIFICATION:</b>				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
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5. Program Element 0203476N	6. Category Code 14347	7. Project Number P980	8. Project Cost (\$000) 13,507
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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>							2. Date 06 FEB 2006		
3. Installation and Location: N00620 NAVAL AIR STATION WHIDBEY ISLAND WHIDBEY ISLAND NAS, WASHINGTON					4. Command Commander Navy Installations			5. Area Const Cost Index 1.27		
6. Personnel Strength:	PERMANENT			STUDENTS			SUPPORT			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
	A. As Of 09/30/05	1157	7033	285	0	0	0	54	102	0
B. End FY 2012	1098	6232	285	0	0	0	108	204	0	7927
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(4362 Acres)										
B. INVENTORY AS OF 30 Sep 2005 ..... 1,274,192										
C. AUTHORIZATION NOT YET IN INVENTORY ..... 10,498										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 57,653										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 0										
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 36,613										
G. REMAINING DEFICIENCY ..... 121,431										
H. <b>GRAND TOTAL</b> ..... <b>1,500,387</b>										
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>			
<u>Code</u>	<u>Project Title</u>				<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>		
21105	Hangar 5 Recapitalization				12/2004	09/2006	22116 m2	57,653		
							<b>TOTAL</b>	<b>57,653</b>		
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
17110	Academic Fire Instructional Facility						4499 SF	2,397		
21104	Indoor Washrack						23412 SF	8,945		
61010	Consolidated Mission Support Facility						50644 SF	25,271		
							<b>TOTAL</b>	<b>36,613</b>		
C. R&M Unfunded Requirement (\$000): 132,058										
10. Mission or Major Functions:										
Maintain and operate facilities and provide services and material to support operations of aviation activities of the Pacific Fleets. Homeport to all of the Navy's electronic countermeasures aircraft, the EA-6B Prowler, which are vital to our nation's defense. Also located at Whidbey are the P-3C Orion patrol aircraft, the EP-3E Aries II fleet air reconnaissance aircraft, and a Search and Rescue Unit flying the UH-3H helicopter and the UC-12B aircraft for fleet logistic support.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N00620 NAVAL AIR STATION WHIDBEY ISLAND WHIDBEY ISLAND NAS, WASHINGTON	4. Command Commander Navy Installations	5. Area Const Cost Index 1.27

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N00620 NAVAL AIR STATION WHIDBEY ISLAND WHIDBEY ISLAND NAS, WASHINGTON		4. Project Title Hangar 5 Recapitalization		
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P169	8. Project Cost (\$000) 57,653	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
HANGER 5 RECAPITALIZATION (238,055 SF)	m2	22,116		43,020
INTERIOR REMODEL (36,899 SF)	m2	3,428	6,107.47	(20,940)
SPACE ADDITION (16,576 SF)	m2	1,540	2,036.92	(3,140)
STRUCTURAL UPGRADE (184,580 SF)	m2	17,148	880.18	(15,090)
BUILT-IN EQUIPMENT	LS			(490)
TECHNICAL OPERATING MANUALS	LS			(180)
INFORMATION SYSTEMS	LS			(1,280)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1,900)
SUPPORTING FACILITIES				7,120
SPECIAL CONSTRUCTION FEATURES	LS			(2,100)
MECHANICAL UTILITIES	LS			(130)
DEMOLITION	LS			(4,150)
ANTI-TERRORISM/FORCE PROTECTION	LS			(740)
SUBTOTAL				50,140
CONTINGENCY (5%)				2,510
TOTAL CONTRACT COST				52,650
SIOH (5.7%)				3,000
SUBTOTAL				55,650
DESIGN/BUILD - DESIGN COST				2,010
TOTAL REQUEST ROUNDED				57,660
TOTAL REQUEST				57,653
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(2,674)
<b>10. Description of Proposed Construction</b>				
<p>Repair and modernize Hangar 5 (17,148 M2/184,586 SF) to meet life safety requirements, including anti-terrorism force protection (AT/FP) improvements, replace outdated and inefficient mechanical and electrical systems, and reconfigure administration and training spaces to better accommodate users. This project also includes new interior hangar space of 82 M2/882 SF for IT support, new mezzanine space of 1,145 M2/12,324 SF, and a 312 M2/3,360 SF building addition to replace space in six small non-contiguous buildings, along with tail notches in hangar doors (or taller doors) and the outer trusses to accommodate MMA aircraft. The total area of the recapitalized hangar will be 18,606 M2/200,270 SF.</p>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
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5. Program Element 0703676N	6. Category Code 21105	7. Project Number P169	8. Project Cost (\$000) 57,653	
<p>Life Safety, Health, and Environmental Improvements:</p> <p>Fire Protection upgrades include the sprinkler systems in non-aircraft maintenance module spaces, installing a supplementary low-level (underwing) fixed AFFF system in aircraft maintenance bays, and replacement of fire detection and alarm system.</p> <p>Seismically retrofit the structure to conform to FEMA 356 criteria and seismically brace non-structural elements within the building. This project will bring the hangar into compliance with current seismic requirements.</p> <p>Improve stairs and building egress with emergency lighting system and exit signage. Install freight elevator.</p> <p>Remove all asbestos-containing material, remove or abate lead based paint, and remove transformers and lighting fixtures containing PCBs and mercury.</p> <p>Building System Improvements:</p> <p>Renovate the Electronic Attack Warfare School (EAWS) spaces in the center section of the hangar. Renovate shop and squadron support areas on the east and west sides of the 1st and 3rd floors. Replace hangar bay doors and repair hangar bay floor cracks. Replace exterior metal cladding. Replace the mezzanine level roof.</p> <p>Functional Space Expansion:</p> <p>Install new administration space mezzanines at east and west sides of the hangar. Install new additions to the hangar to replace non-contiguous portable spaces. Project will meet current NMCI standards.</p> <p>Building Electrical/Mechanical System Improvements:</p> <p>Expand and upgrade the electrical power distribution system. Replace hangar bay space heating system with low intensity gas-fired radiant heating, and repair/replace existing HVAC system components in the rest of the hangar as required. Replace potable water supply and distribution system. Replace compressed air system and repair aircraft cooling system. Renovate existing sanitary sewer system.</p> <p>Miscellaneous Improvements:</p> <p>Replace/reconfigure overhead bridge cranes rails. Upgrade telecommunication distribution (data, voice, and video) systems. Renovate existing restrooms.</p> <p>Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123.</p>				
<b>11. Requirement:</b> <u>22,124 m2</u> <b>Adequate:</b> <b>Substandard:</b> <u>22,124 m2</u>				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
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5. Program Element 0703676N	6. Category Code 21105	7. Project Number P169	8. Project Cost (\$000) 57,653	

**PROJECT:**

This project repairs the electrical, mechanical, communications and structural elements of Hangar 5 (Building 386) and constructs additional space to provide aircraft maintenance space of the quality and quantity required to support the mission of the Electronic Attack Wing.

**(Current Mission)**

**REQUIREMENT:**

The Electronic Attack Wing at NAS Whidbey Island requires adequate hangar facilities for the VAQ-129 Fleet Replacement Squadron and the VAQ Fleet Squadrons. The Wing oversees and coordinates the operations of 13 active VAQ Squadrons, one Fleet Replacement Squadron, and the Electronic Attack Weapons School, serving 67 EA-6B 'Prowler' aircraft and 3,000 personnel. The Fleet Replacement Squadron, four of the 13 VAQ squadrons, the Electronic Attack Weapons School and COMVAQWINGPAC Maintenance Department all support the Electronic Attack Wing mission and use Hangar 5.

The mission of the Wing is to provide administrative, training, and maintenance support to all assigned Electronic Attack Squadrons, ensuring they are combat ready, well maintained, fully supported, and properly manned. The personnel maintaining and flying the EA-6B aircraft deploy from NAS Whidbey Island around the world, providing the world's premier electronic attack capability to every aircraft carrier in the United States Navy and to land-based sites worldwide.

Hangar 5 provides space for maintenance and administrative support for VAQ 129 Fleet Replacement Squadron, four fleet squadrons and space to support the Electronic Attack Wing Maintenance Department and the Electronic Attack Weapons School. Additional space is provided in six non-contiguous portable buildings (line shacks) totaling 5,760 SF (536m<sup>2</sup>).

**CURRENT SITUATION:**

The existing structure is 50 years old. It is constructed with cast-in-place concrete frames in the transverse direction (east/west) and a combination of concrete frames and shear walls in the longitudinal direction (north/south). Precast concrete roof and floor panels span between the frames. The building has a water deluge fire protection system in the hangar bays, which if needed would be much more damaging to the aircraft than an under the wing AFFF system and lacks an adequate automatic sprinkler system in the remainder of the building.

The structure has not been significantly upgraded since its original construction. As a result of its age, the hangar contains the following significant structural, operational, and life safety deficiencies:

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5. Program Element 0703676N	6. Category Code 21105	7. Project Number P169	8. Project Cost (\$000) 57,653	
<ul style="list-style-type: none"> <li>- Insufficient lateral resisting system to provide "life safety" level of performance after a major seismic event (in accordance with FEMA 356 assessment criteria).</li> <li>- Significant quantities of asbestos pipe insulation and lead paint throughout the building.</li> <li>- Out-of-date and inefficient water deluge fire suppression system in the hangar bays.</li> <li>- Insufficient administration space for current usage requirements.</li> <li>- Inefficient and high-maintenance steam and domestic water distribution systems.</li> <li>- Large areas of industrial windows that need removal or replacement.</li> <li>- Non-code-conforming fire separations between the hangar bays and adjacent office and support areas.</li> <li>- Insufficient site layout to provide the required counter-terrorism (CT) standoff distances to the vehicle parking lot used by the hangar occupants.</li> <li>- Inadequate power quality to properly maintain aircraft electronics systems.</li> </ul> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>Maintenance on EA6B/replacement aircraft and the training of Electronic Attack crews will continue in an 50 year old facility that has serious deficiencies in all building systems, inefficient maintenance support, and serious life safety conditions and damage potential to aircraft.</p> <p>If the improvements proposed are not provided, the following risks and hazard conditions will remain:</p> <ul style="list-style-type: none"> <li>- Continued potential for injury or death to personnel, or damage or loss of aircraft from a major seismic event due to inadequate lateral bracing of the structure and tie down of building components. Personnel and aircraft will also remain at risk from inadequate fire detection and suppression systems.</li> <li>- Potential for exposure to asbestos or lead paint residues from building components containing these materials.</li> <li>- Poor configuration of offices, classrooms and shops will continue to hinder the mission of the occupants.</li> <li>- Continued high cost to operate, maintain, and repair 50-year old electrical and mechanical systems.</li> <li>- Inability to meet current and expanding IT requirements.</li> <li>- Continued maintenance inefficiency due to poor power quality that could lead to adverse impact on operational capability of aircraft.</li> <li>- Tail notches to accommodate MMA aircraft would need to be provided</li> </ul>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
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5. Program Element 0703676N	6. Category Code 21105	7. Project Number P169	8. Project Cost (\$000) 57,653	
by a separate project that will be more costly as a stand alone project.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				122004
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				5%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$2,000
(A) Production of Plans and Specifications				\$1,500
(B) All other Design Costs				\$500
(C) Total				\$2,000
(D) Contract				\$500
(E) In-House				\$1,500
4. Contract Award				112006
5. Construction Start				032007
6. Construction Complete				092008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procurring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
Bridge Crane Hoist Assemblies		OPN	2007	171
Collateral Equipment		OPN	2007	1,500
Physical Security Equipment		OPN	2007	1,003.45
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Continued joint use of Hangar 5 by Air Force expeditionary EA-6B units is recommended.				
Activity POC: Mr. Steve Rothboeck		Phone No: 360-257-1001		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
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5. Program Element 0703676N	6. Category Code 21105	7. Project Number P169	8. Project Cost (\$000) 57,653	
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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N61078 NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN				4. Command Commander Navy Installations		5. Area Const Cost Index 2.56					
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT		TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		61	458	55	0	0	0	193	372	0	1139
B. End FY 2012		63	449	55	0	0	0	193	372	0	1132
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(7000 Acres)											
B. INVENTORY AS OF 30 Sep 2005 ..... 2,358,590											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 0											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 37,473											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 0											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 0											
G. REMAINING DEFICIENCY ..... 17,590											
H. <b>GRAND TOTAL</b> ..... <b>2,413,653</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
15220	Wharf Improvements & Shore Support Facility	08/2005	06/2006		4767	m2	37,473				
<b>TOTAL</b>							<b>37,473</b>				
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
C. R&M Unfunded Requirement (\$000): 79,013											
10. Mission or Major Functions:											
Provides waterfront, personnel and logistics support functions and facilities for forward deployed Naval forces including surface combatants, submarines and logistics ships. Will provide support to SSGN guided missile submarines.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*): 0											
B. Occupational Safety and Health(OSH)(#): 0											

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N61078 NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN	4. Command Commander Navy Installations	5. Area Const Cost Index 2.56

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61078 NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN			4. Project Title Wharf Improvement & SSGN Shore Sup Facilities	
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P160	8. Project Cost (\$000) 37,473	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
WHARF IMPROVEMENT & SSGN SHORE SUP FACILITIES (51,312 SF)	m2	4,767		18,630
DEEP DRAFT WHARF IMPROVEMENTS	LS			(7,800)
CONTROLLED HUMIDITY STORAGE (1,604 SF)	m2	149	2,520.43	(380)
OPEN STORAGE AREA (38,126 SF)	m2	3,542	234.33	(830)
BACHELOR QUARTERS (11,582 SF)	m2	1,076	6,255.07	(6,730)
ROAD IMPROVEMENTS	LS			(760)
DEMINERALIZED WATER PLANT MODIFICATIONS	LS			(200)
TECHNICAL OPERATING MANUALS	LS			(50)
INFORMATION SYSTEMS	LS			(310)
SPECIAL COSTS	LS			(1,570)
SUPPORTING FACILITIES				13,820
ELECTRICAL UTILITIES	LS			(9,840)
MECHANICAL UTILITIES	LS			(1,270)
PAVING AND SITE IMPROVEMENTS	LS			(200)
DEMOLITION	LS			(2,030)
ANTI-TERRORISM/FORCE PROTECTION	LS			(480)
SUBTOTAL				32,450
CONTINGENCY (5%)				1,620
TOTAL CONTRACT COST				34,070
SIOH (6.2%)				2,110
SUBTOTAL				36,180
DESIGN/BUILD - DESIGN COST				1,300
TOTAL REQUEST ROUNDED				37,480
TOTAL REQUEST				37,473
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(7,774)
<b>10. Description of Proposed Construction</b>				
The project scope includes the Deep Draft Wharf Improvements and the SSGN Shore Support Facilities. A description of the proposed construction for each segment is as follows:				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61078 NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN		4. Project Title Wharf Improvement & SSGN Shore Support Facilities		
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P160	8. Project Cost (\$000) 37,473	

**DEEP DRAFT WHARF IMPROVEMENTS:**

Project will upgrade the existing Deep Draft Wharf.

This project provides for 1) the extension and upgrade of the existing utility services and 2) the improvement in the cargo handling capability of the Deep Draft Wharf. Upon completion, the project will accommodate the maximum berthing plan of one SSGN and one T-AKR. The mechanical utilities of the Deep Draft Wharf will be improved at Berth A, by the addition of sewer and oily waste services. The electrical service will also be upgraded at Berth A to provide services for the SSGN.

**SSGN SHORE SUPPORT FACILITIES:**

Project will construct several new facilities: controlled humidity storage; open storage pad; and billeting.

SSGN Refit Support Storage Facility - Controlled Humidity Storage Pre-Engineered Building (PEB) on reinforced concrete slab. Lighting and fire protection systems will be provided. Site preparation will include limited grading, clearing and grubbing. Site improvements will include concrete paving for access driveways and sidewalks.

Open Storage Area - Consolidated reinforced concrete slab for four uses: (1) ship maintenance items stowage/equipment lay down area; (2) ASDS stowage/lay down/work area; (3) DDS stowage/lay down/work area; and (4) battery maintenance covered work area. Overall site preparation will include limited grading, clearing and grubbing. Other site improvements will include outdoor lighting and fencing.

Billeting for up to 100 personnel, including SSGN Exchange Crew officers, enlisted personnel and Fly-Away Team personnel. Billeting facilities will be 2-story concrete structures built to the 1 + 1E BQ standard.

Road Improvements Five corners, at four locations will be upgraded to a 16.8 m (55 ft) turning radius to accommodate movements of the ASDS transporter between the storage area, north parking apron and the Deep Draft Wharf. Overall site preparation for primary facilities will include limited grading, clearing and grubbing. Site improvements will include concrete sidewalks, driveways and parking area, and landscaping improvements. Sewer, water supply, and fire protection systems will be connected to existing sewer and water mains serving the storage facility and BQ site. The BQ project will also include upgrades to the sewage pump stations and/or force mains as required to handle the increased load.



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61078 NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN			4. Project Title Wharf Improvement & SSGN Shore Sup Facilities	
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P160	8. Project Cost (\$000) 37,473	
<p>The original timber fender system was replaced with a foam-filled fender system in 1995. The existing fender system does not address the berthing requirements of the SSN or SSGN vessels. The fender system is suitable for the support of surface ships only. Additional fenders will be provided to accommodate the berthing of SSN and SSGN class submarines.</p> <p>The usable length for berthing is 601.8 m (1,974.6 ft). To support the two T-AKR vessels, the minimum recommended length is 725.7 m (2,381 ft). The existing facility is too short to support the berthing of two T-AKE vessels; making the existing facility inadequate to support future operational demands. Containers are handled by use of shipboard mounted cranes. This severely limits the rate of ship loading at the facility, and the types of ships that can call at the island.</p> <p>Electrical Power System - The electrical utility system provides electrical service to the western half of the island. The electrical system consists of two main power plants, North (NPP) and South (SPP), two 13.8 kV switching stations and a 13.8 kV distribution system, which consists of overhead lines and underground cables. The existing switchgear in the switching stations and power plants are old and obsolete.</p> <p>Summary - The existing facilities are not adequate to support the current mission requirements, and thus cannot be made available to support this new mission. Some supplies and material that should be stored within buildings that provide weather protection and climate control (where required) are instead being stored in open areas with only minimal protection. Doubling up in existing BQs is frequently required, and on occasion it has been necessary to convert the gymnasium and other facilities with large spaces to temporary shelters.</p> <p>No changes in the existing mission or reductions in existing loading, which could potentially free up existing facilities for the SSGN crew exchanges, are expected.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The Naval Support Facility does not currently have the capability to support SSN and SSGN vessels. If this project is not funded, NSF will not be able to support the forward deployed SSGN submarine berthing and crew exchanges.</p> <p>The existing wharf does not have the length to support berthing of 2 T-AKR vessels. These vessels are currently required to berth one at a time.</p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61078 NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN		4. Project Title Wharf Improvement & SSGN Shore Sup Facilities		
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P160	8. Project Cost (\$000) 37,473	
<p>Mooring platforms are planned at each end of the wharf.</p> <p>Doubling up in existing BQs, and/or conversion of large building spaces to temporary shelters, will be required to house some or all SSGN Exchange Crew and/or Fly-Away Team members. Related storage will either need to occur in open and unpaved areas, or displace other non-SSGN storage from existing facilities.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082005
(B) Date 35% Design or Parametric Cost Estimate Complete				012006
(C) Date Design Completed				062006
(D) Percent Completed as of SEPTEMBER 2005				3%
(E) Percent Completed as of JANUARY 2006				15%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$3,000,000
(A) Production of Plans and Specifications				\$1,000,000
(B) All other Design Costs				\$2,000,000
(C) Total				\$3,000,000
(D) Contract				\$2,500,000
(E) In-House				\$500,000
4. Contract Award				122006
5. Construction Start				012007
6. Construction Complete				012009
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procurring</u>	<u>FY Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Battery Maintenance Area Canopy	OPN	2007	27	
Bilge and Sewage Hoses	OPN	2007	73	
Brow and Utility Trays	OPN	2007	110	
Hydro-Pneumatic Fenders	OPN	2007	2,789	
Mobile Harbor Crane (Rubber Tires)	OPN	2007	3,950	
Mobile Utilities - Deminerlized Water	OPN	2007	248	
Mobile Utilities - LP & HP Air, HP Nitrogen	OPN	2007	256	

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61078 NSF DIEGO GARCIA DIEGO GARCIA, NAVAL FAC, BR INDIAN OCEAN		4. Project Title Wharf Improvement & SSGN Shore Sup Facilities		
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P160	8. Project Cost (\$000) 37,473	
Mobile Utilities - Potable Water		OPN	2007	248
Shore Power Cables		OPN	2007	73
JOINT USE CERTIFICATION: The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Butch Capili		Phone No: DSN 315-370-4513		

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N61755 NAVBASE GUAM AGANA, GUAM				4. Command Commander Navy Installations		5. Area Const Cost Index 2.64					
6. Personnel Strength:		PERMANENT			STUDENTS			SUPPORT		TOTAL	
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		483	3469	1641	0	0	0	71	544	0	6208
B. End FY 2012		439	3020	1410	0	0	0	71	544	0	5484
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(17100 Acres)											
B. INVENTORY AS OF 30 Sep 2005 ..... 4,705,126											
C. AUTHORIZATION NOT YET IN INVENTORY ..... 38,084											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ..... 29,772											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM ..... 36,900											
F. PLANNED IN NEXT THREE PROGRAM YEARS ..... 187,119											
G. REMAINING DEFICIENCY ..... 557,531											
H. <b>GRAND TOTAL</b> ..... <b>5,554,532</b>											
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>				
<u>Code</u>	<u>Project Title</u>	<u>Start</u>		<u>Complete</u>		<u>Scope</u>	<u>(\$000)</u>				
15220	Alpha & Bravo Wharf Improvements Inc 2 of 2	08/2003		09/2005		0 LS	29,772				
<b>TOTAL</b>							<b>29,772</b>				
9. Future Projects:											
A. Included In The Following Program:											
15210 Kilo Wharf Extension Inc 1 of 3 LS 36,900											
<b>TOTAL</b>							<b>36,900</b>				
B. Major Planned Next Three Years:											
81230 Harden Base Electrical Systems Inc 1 of 2 LS 24,982											
15210 Kilo Wharf Extension Inc 2 of 3 400 LF 43,089											
72111 Bachelor Quarters, Main Base 42690 SF 23,498											
16510 Dredge Romeo And Sierra Wharves LS 70,550											
81230 Harden Base Electrical Systems Inc 2 of 2 LS 25,000											
<b>TOTAL</b>							<b>187,119</b>				
C. R&M Unfunded Requirement (\$000): 498,305											
10. Mission or Major Functions:											
Provide shoreside logistics and maintenance support to pacific Fleet and other U.S. and allied shipping. Homeport for submarine tender supporting subamrines operating in the western pacific and for Military Sealift Command ships.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											
A. Pollution Abatement(*): 0											
B. Occupational Safety and Health(OSH)(#): 0											

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N61755 NAVBASE GUAM AGANA, GUAM	4. Command Commander Navy Installations	5. Area Const Cost Index 2.64

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1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM		4. Project Title Alpha & Bravo Wharf Improvements Inc 2 of 2		
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P431A	8. Project Cost (\$000) Auth 0 Approp 29,772 Auth for Approp 29,772	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
ALPHA & BRAVO WHARF IMPROVEMENTS INC 2 OF 2	LS			28,610
ALPHA WHARF	LS			(11,410)
BRAVO WHARF	LS			(16,400)
BUILT-IN EQUIPMENT	LS			(550)
TECHNICAL OPERATING MANUALS	LS			(240)
INFORMATION SYSTEMS	LS			(10)
SUPPORTING FACILITIES				21,140
MECHANICAL UTILITIES	LS			(3,850)
PAVING AND SITE IMPROVEMENTS	LS			(720)
DREDGING	LS			(16,570)
SUBTOTAL				49,750
CONTINGENCY (5%)				2,490
TOTAL CONTRACT COST				52,240
SIOH (6.2%)				3,240
SUBTOTAL				55,480
LESS INCREMENT I FUNDING	LS			-25,367
TOTAL REQUEST ROUNDED				30,113
TOTAL REQUEST				29,772
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(315)
<b>10. Description of Proposed Construction</b>				
<p>Construct eight new concrete supports for the existing floating foam fender system at Alpha wharf. Concrete supports will be 3.5 meters wide by 3.5 meters deep by 0.6 meter thick to match the concrete whaler on the east end of Alpha Wharf. Four new floating fenders will be installed at new supports.</p> <p>Construct a new 28 meters wide x 52 meters long pier extension at the north end of Bravo wharf. A new bulkhead will be constructed and four new floating fenders will be installed along the berthing face of the pier extension.</p> <p>Upgrade existing pier side water distribution system to meet pier side fire</p>				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM		4. Project Title Alpha & Bravo Wharf Improvements Inc 2 of 2	
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P431A	8. Project Cost (\$000) Auth 0 Approp 29,772 Auth for Approp 29,772

**(New Mission)**

**REQUIREMENT:**

Initial Operational Capability (IOC) for SSGNs is targeted for FY07. The required dredge depth is 12 meters. Existing design depth of Inner Apra Harbor is 10.7 meters. Project requirements to satisfy the IOC are:

- 1) Modifications to the face fenders at Alpha Wharf will allow safe adequate berthing of the USS Frank Cable (AS-40).
- 2) The 52-meter extension to Bravo Wharf will allow the safe berthing of CG-47 class vessels and Ohio class submarines (SSBNs converted to SSGNs and visiting SSBNs).
- 3) Dredging of inner Apra Harbor to allow the berthing of SSGNs/SSBNs to support 21-day voyage resupply, repair and crew changes at Guam as part of the SSGN/SSBN maintenance and modernization plan.
- 4) Upgrade of the pier side water distribution system will provide pier side fire protection.

**CURRENT SITUATION:**

In the U.S. Navy Apra Harbor Complex, Alpha Wharf serves as a berth for the homeported submarine tender USS Frank Cable (AS-40) and Bravo Wharf serves as a berth for support surface combatant ships. The current physical condition of the Alpha and Bravo Wharves limits its support versatility and presents a detriment and potential safety hazard to ships berthing at these wharves. The rehabilitation of the Alpha Wharf face fender system and extension of the Bravo Wharf will provide adequate berthing capability and significantly increase flexibility to support additional activity and future requirements.

As part of the SSBN refit program, the first four Ohio-class submarines are scheduled for conversion over the next 5-years to guided missile submarines (SSGN). Homeport facilities will be located at Kings Bay Georgia and Bangor, Washington. While forward deployed, Guam will serve as a forward deployed location for crew area exchanges and voyage repairs to allow converted SSBN (SSGN) to remain close to the theater of operation to maximize forward presence. Without the dredging of inner Apra Harbor, berthing of SSGN and visiting SSBNs is not possible since SSGN/SSBN minimum navigational draft is 10.9 m (35.9 ft).

**IMPACT IF NOT PROVIDED:**

Full and efficient use of dock facilities are precluded by needed repairs, rehabilitation, and insufficient draft to serve as SSGN forward deployed location for 21-day crew change and voyage repairs. Consequently, the ability to sustain readiness of the fleet and shore activities may be

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61755 NAVBASE GUAM AGANA, GUAM		4. Project Title Alpha & Bravo Wharf Improvements Inc 2 of 2		
5. Program Element 0203176N	6. Category Code 15220	7. Project Number P431A	8. Project Cost (\$000) Auth 0 Approp 29,772 Auth for Approp 29,772	
seriously compromised.				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082003
(B) Date 35% Design or Parametric Cost Estimate Complete				012005
(C) Date Design Completed				092005
(D) Percent Completed as of SEPTEMBER 2005				100%
(E) Percent Completed as of JANUARY 2006				100%
(F) Type of Design Contract	Design Bid Build			
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				No
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				NOT APPLICABLE
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$1,995
(A) Production of Plans and Specifications				\$1,496
(B) All other Design Costs				\$499
(C) Total				\$1,995
(D) Contract				\$1,247
(E) In-House				\$748
4. Contract Award				022006
5. Construction Start				032006
6. Construction Complete				042009
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>		<u>FY Approp</u>	
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Wharf Fenders	OMN	2008	315	
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Joint Use is recommended. Unilateral Construction is recommended. This facility can be used by other components on an as available basis; however, the scope of the project is based on Navy requirements.				
Activity POC: Lou Santos		Phone No: (671)339-5185		

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006				
3. Installation and Location: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY				4. Command Commander Navy Installations		5. Area Const Cost Index 1.19					
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL	
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. As Of 09/30/05		280	2253	859	0	0	0	105	590	0	4087
B. End FY 2012		281	2492	859	0	0	0	105	590	0	4327
<b>7. INVENTORY DATA (\$000)</b>											
A. TOTAL ACREAGE ..(571 Acres)											
B. INVENTORY AS OF 30 Sep 2005 .....										989,864	
C. AUTHORIZATION NOT YET IN INVENTORY .....										165,211	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										13,051	
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0	
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										138,497	
G. REMAINING DEFICIENCY .....										187,041	
<b>H. GRAND TOTAL .....</b>										<b>1,493,664</b>	
8. Projects Requested In This Program											
<u>Cat</u>		<u>Design Status</u>				<u>Cost</u>					
<u>Code</u>	<u>Project Title</u>	<u>Start</u>	<u>Complete</u>	<u>Scope</u>	<u>(\$000)</u>						
13122	Mobile User Objective System Installation	06/2005	11/2006	0	13,051						
<b>TOTAL</b>							<b>13,051</b>				
9. Future Projects:											
A. Included In The Following Program:											
B. Major Planned Next Three Years:											
61010	Base Operations Support				82710 SF	52,308					
74044	Base Operations Support IV				100933 SF	30,440					
21121	AIMD/GSE Shop				105777 SF	34,221					
14320	EOD Operations Facility				92397 SF	21,528					
<b>TOTAL</b>							<b>138,497</b>				
C. R&M Unfunded Requirement (\$000):										11,452	
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 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.											
Note: Block 9a Base Operations Support III reflects the combination of two FY2006 projects, Base Operations Support II(A) and Base Operations Support III.											
11. Outstanding Pollution and Safety Deficiencies (\$000):											

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY	4. Command Commander Navy Installations	5. Area Const Cost Index 1.19
A. Pollution Abatement(*):		0
B. Occupational Safety and Health(OSH)(#):		0

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY		4. Project Title Mobile User Objective System Installation		
5. Program Element 0301376N	6. Category Code 13122	7. Project Number P138	8. Project Cost (\$000) 13,051	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
MOBILE USER OBJECTIVE SYSTEM INSTALLATION		0		140
UHF/VHF COMMUNICATION FACILITY				( )
TECHNICAL OPERATING MANUALS	LS			(140)
SUPPORTING FACILITIES				11,160
SPECIAL FOUNDATION FEATURES	LS			(2,500)
ELECTRICAL UTILITIES	LS			(6,650)
PAVING AND SITE IMPROVEMENTS	LS			(1,000)
SITE PREPARATIONS	LS			(1,010)
SUBTOTAL				11,300
CONTINGENCY (5%)				570
TOTAL CONTRACT COST				11,870
SIOH (6.2%)				740
SUBTOTAL				12,610
DESIGN/BUILD - DESIGN COST				450
TOTAL REQUEST ROUNDED				13,060
TOTAL REQUEST				13,051
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(30,000)
<b>10. Description of Proposed Construction</b>				
<p>This project will provide the initial site preparation, utility work and supporting facilities for the Mobile User Objective System (MOUS) to be located at Naval Air Station, Sigonella, Sicily.</p> <p>Site preparation consists of reinforced concrete pads to support; two (2) Radio Access Facilities (RAFs) 1,600gsf (149sm), and three (3) 60-foot (18.4M) diameter Earth Terminals (antennas), and support structures for each terminal, and pads for generators and fuel tanks. Provide gravel surfacing for the area of the compound immediately adjacent to the earth terminals. Provide concrete ductbanks for extension of fiber optic communications between the antenna site and the connection nodes for terrestrial networks located in Building 585, Communication Center. Upgrade the electrical utilities to meet the increased power requirements for the MUOS antennas. Provide new transformers at the new antenna site and new underground duct banks and power cables between the antenna site and the existing substation. Provide standby generator and fuel tank.</p>				





1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY		4. Project Title Mobile User Objective System Installation		
5. Program Element 0301376N	6. Category Code 13122	7. Project Number P138	8. Project Cost (\$000) 13,051	
Objective System. Initial Operational Capability (IOC) is required in 2008. Full Operational Capability (FOC) is required in 2010. Site preparation must be completed by October 2007.				
<b>CURRENT SITUATION:</b>				
<p>The NCTSAMS, Sigonella located in Bldg. 585 at Naval Air Station, Sigonella does not require adequate space to accommodate the new operation and equipment since this is an unmanned operation. It does however have existing space for the Switching Facility and network management equipment and open portals. Adequate land is available to accommodate the three earth terminals and two Radio Access facilities and generators associated with the system. Existing utilities and infrastructure will require increased capacity to support this operations</p> <p>The existing Narrowband SATCOM system is nearing the end of its useful life. Existing satellites F2-F10 are currently in-orbit, the ULF follow on satellite F11 was launched in late 2003 to maintain UHF availability. The planned replacement Narrowband SATCOM constellation will be the Mobile User Objective System. The Navy's Communications Satellite Acquisition Program Office, at the Space and Naval Warfare Systems Command (SPAWAR) has conducted a global study to determine the most suitable locations for the MUOS receiver stations. These locations are strategically located around the globe to provide optimum coverage of passing satellites and efficient and effective use of existing communications infrastructure and terrestrial communications network connections.</p>				
<b>IMPACT IF NOT PROVIDED:</b>				
<p>If this project is not provided at NAS Sigonella an alternative site will be required to support the MUOS complex to coincide with the three other sites. This would introduce months or years of delay in the deployment of the MUOS system. In addition, other supporting facilities will be required which will significantly increase the cost of the project. No other site location meets the connection requirements as cost effective at this site. SPAWAR has undertaken several years of study to come up with this site.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				062005

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY		4. Project Title Mobile User Objective System Installation		
5. Program Element 0301376N	6. Category Code 13122	7. Project Number P138	8. Project Cost (\$000) 13,051	
(B) Date 35% Design or Parametric Cost Estimate Complete				092005
(C) Date Design Completed				112006
(D) Percent Completed as of SEPTEMBER 2006				5%
(E) Percent Completed as of JANUARY 2007				10%
(F) Type of Design Contract				Design Build
(G) Parametric Estimate used to develop cost				Yes
(H) Energy study/Life cycle analysis performed				Yes
2. Basis:				
(A) Standard or Definitive Design:				No
(B) Where Design Was Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$800
(A) Production of Plans and Specifications				\$80
(B) All other Design Costs				\$720
(C) Total				\$800
(D) Contract				\$720
(E) In-House				\$80
4. Contract Award				012007
5. Construction Start				022007
6. Construction Complete				122007
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp or Requested</u>		<u>Cost (\$000)</u>
Equipment Shelters/Equipment		RDT&E	2007	30,000
JOINT USE CERTIFICATION:				
The Installation Management Claimant certifies that this project has been considered for joint use potential. Joint Use is recommended.				
Activity POC: EMC Brett Picard		Phone No: 9-011-862914		

1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>					2. Date 06 FEB 2006			
3. Installation and Location: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN				4. Command Commander Navy Installations		5. Area Const Cost Index 1.43				
6. Personnel		PERMANENT			STUDENTS			SUPPORT		TOTAL
Strength:		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV
A. As Of 09/30/05		1028	8818	514	0	0	0	143	1369	0
B. End FY 2012		1004	9018	560	0	0	0	119	331	0
<b>7. INVENTORY DATA (\$000)</b>										
A. TOTAL ACREAGE ..(2938 Acres)										
B. INVENTORY AS OF 30 Sep 2005 .....										3,892,334
C. AUTHORIZATION NOT YET IN INVENTORY .....										0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM .....										44,360
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .....										0
F. PLANNED IN NEXT THREE PROGRAM YEARS .....										0
G. REMAINING DEFICIENCY .....										109,000
H. GRAND TOTAL .....										4,045,694
8. Projects Requested In This Program										
<u>Cat</u>		<u>Design Status</u>					<u>Cost</u>			
<u>Code</u>		<u>Project Title</u>			<u>Start Complete</u>		<u>Scope</u>		<u>(\$000)</u>	
15210		Wharf Upgrades Inc 2 of 3			09/2003 09/2005		0 LS		44,360	
									<b>TOTAL</b>	44,360
9. Future Projects:										
A. Included In The Following Program:										
B. Major Planned Next Three Years:										
C. R&M Unfunded Requirement (\$000):										0
10. Mission or Major Functions:										
Maintain and operate base facilities for the logistic, recreational, administrative support and service of the U.S. Naval Forces Japan, U.S. SEVENTH Fleet and other operating forces assigned in the Western Pacific.										
11. Outstanding Pollution and Safety Deficiencies (\$000):										
A. Pollution Abatement(*):										0
B. Occupational Safety and Health(OSH)(#):										0

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 06 FEB 2006
3. Installation and Location: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN	4. Command Commander Navy Installations	5. Area Const Cost Index 1.43

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Wharf Upgrades Inc 2 of 3		
5. Program Element 0203176N		6. Category Code 15210	7. Project Number P998A	8. Project Cost (\$000) Auth 0 Approp 44,360 Auth for Approp 44,360	
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
WHARF UPGRADES INC 2 OF 3		LS			50,740
PRODUCTION FACILITY		m2	480	3,390	(1,630)
DISTRIBUTION FACILITY		LS			(1,140)
FIRE ALARM		LS			(120)
WHARF UPGRADES		LS			(2,330)
60 HZ ELECTRICAL POWER PLANT		kw	30,000	1,154.32	(34,630)
EMERGENCY OPERATIONS CENTER		LS			(2,510)
BUILT-IN EQUIPMENT		LS			(7,150)
TECHNICAL OPERATING MANUALS		LS			(600)
INFORMATION SYSTEMS		LS			(630)
SUPPORTING FACILITIES					23,490
SPECIAL CONSTRUCTION FEATURES		LS			(360)
SPECIAL FOUNDATION FEATURES		LS			(6,240)
ELECTRICAL UTILITIES		LS			(8,260)
MECHANICAL UTILITIES		LS			(5,900)
PAVING AND SITE IMPROVEMENTS		LS			(1,140)
SITE PREPARATIONS		LS			(340)
DEMOLITION		LS			(1,250)
SUBTOTAL					74,230
CONTINGENCY (5%)					3,710
TOTAL CONTRACT COST					77,940
SIOH (6.5%)					5,070
SUBTOTAL					83,010
LESS FUTURE FUNDING OR FORECASTED ESPC COST AVOIDANCE		LS			-24,650
LESS INCREMENT I FUNDING		LS			-13,907
TOTAL REQUEST ROUNDED					44,453
TOTAL REQUEST					44,360
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(3,461)
<b>10. Description of Proposed Construction</b>					
This project proposes to upgrade the existing infrastructure at existing					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN		4. Project Title Wharf Upgrades Inc 2 of 3	
5. Program Element 0203176N	6. Category Code 15210	7. Project Number P998A	8. Project Cost (\$000) Auth 0 Approp 44,360 Auth for Approp 44,360

waterfront areas to support Naval Vessels and construct a new Utility Plant consisting of three (3) 10-MW Combustion Turbine Generators to generate 60 Hertz (Hz) electrical power. This project also provides shore utilities to the same waterfront areas in support of workshop and supply barges. Upgrade of waterfront structure includes installation of batter piles at various locations to reinforce the waterfront deck structure for the purpose of mooring vessels. Project includes removal of concrete deck structure, drilling into harbor bottom, pile driving, pile load testing, installing concrete pile caps, replacement of concrete deck structure, removal of cleats, installation of bollards and double bitts, installation of a fender backing system to accommodate floating pneumatic fenders. Installation of water production facility involves the construction of a one-story reinforced concrete building on pile foundation, reinforced concrete floor, minimum interior ceiling height of 10 meters, built-in foundations for equipment. Water distribution line from the water production facility to the waterfront structure. Electrical system installation includes retrofit and upgrade of the existing bus, addition of vacuum circuit breakers, installation of four electrical substations on a concrete foundations with associated switchgear, vacuum breakers, metering, wiring, tie-ins, trenching, ductwork, and cabling. Steam and condensate lines will include upgrade of existing steam distribution system in specific areas. Saltwater system improvements will include the addition of pumps, associated piping, valves, hardware, and outlets and specified locations. Wastewater upgrades include replacement of specific lines with a pressure manifold line and replacement of existing ship to shore receiving hose connections, some additional gravity flow appurtenances will be added for support craft. Water system improvements include reduced pressure backflow preventers, three buried water lines to support waterfront areas. Construct a compressed air system with outlets at specified areas. Information systems will include a communication cable system to support waterfront area. Install new security fence at waterfront, lighting, relocation of signage and bus stop, vehicle guard rails, and landscaping.

Construct emergency operations center including raised flooring, information systems connections, emergency generator, and utilities.

Utility plant work includes constructing a 2,500 M2 (26,900 SF), Power Plant (Combustion Turbine Generators) Facility with a high bay ceiling to clear the generators' stack (about 12 meters high). The building construction includes steel frame structure with metal-sided walls, metal

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN		4. Project Title Wharf Upgrades Inc 2 of 3		
5. Program Element 0203176N	6. Category Code 15210	7. Project Number P998A	8. Project Cost (\$000) Auth 0 Approp 44,360 Auth for Approp 44,360	
<p>roof, and concrete floor/foundation designed to meet wind and seismic requirements as specified in TI 809-04 Seismic Design for Buildings (Dec 98), Seismic Use Group IIIIE, Essential Facilities. Demolish existing buildings and relocate existing facilities to provide a clear sites for the new power plant.</p> <p>Utility plant includes the following: Generator Room for three (3) 10-MW Combustion Turbine Generators, including special reinforced concrete foundation to support weight of generators. Generator room includes space for gas turbine auxiliary and control panels, Feed Water Tanks, Fuel Gas Compressors, and Cooling Towers. Construct Building Entrance Telecommunications (BET) room, mechanical and electrical room, lobby, freight elevator, and interior and exterior stairs. Switchgear room, Supervisory Control and Data Acquisition (SCADA) room, control room, communications room, tool and storage rooms, restroom, break room, overhead cable trunk, walkway connecting bridge to adjacent central substation building, catwalk and stairs to access walkway connecting bridge.</p> <p>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.</p> <p>A separately funded Energy Saving Performance Contract (ESPC) project will be pursued by the Navy as a lower life-cycle cost alternative to MILCON for electrical power. The ESPC project will provide steam and electricity generation with a heat recovery system. 60 Hz power would be generated and steam produced will be used by ships when they are in port. When the ships are out on duty, 50 Hz power would be generated with excess power put back into the base grid. When this project is complete, the current base steam plant located in Building A-43 would be closed.</p>				
<p>11. Requirement: <u>240 m2</u> Adequate: <u>0 m2</u> Substandard: <u>0 m2</u></p> <p><b>PROJECT:</b> This project is required to support Naval Vessels. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> Adequate facilities and utilities are required to provide safe, sufficient, and reliable support for naval vessels and personnel at various locations.</p> <p><b>CURRENT SITUATION:</b></p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN			4. Project Title Wharf Upgrades Inc 2 of 3	
5. Program Element 0203176N	6. Category Code 15210	7. Project Number P998A	8. Project Cost (\$000) Auth 0 Approp 44,360 Auth for Approp 44,360	
<p>Existing facilities are insufficient for support of planned shipload. Significant infrastructure investment is necessary in order to support new ship classes.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The base will not be able to provide adequate shore-side utilities to certain ships and they will not be maintained as needed. Vessels will be required to use other locations for support and will incur a significant expense to the United States. Cost to maintain certain vessels at this location would be much greater than the cost of this project. Vessels will be unable to shut down their systems at this location with shore side support, therefore certain maintenance functions will be impossible at this site.</p> <p>The base power system will not have sufficient capacity to provide 60 Hz electrical power to all ships in port. Under a high vessel loading condition, some, if not most, vessels will need to operate their engine plants when the total demand exceeds plant capacity. Since Naval Vessels are often deployed, they rely heavily on their ability to shut down their engines and use shore power while in port to perform mandatory maintenance and repairs. Without this project, Naval Vessels would need to continue to run their engine plants since electrical demands from Naval Vessels will exceed the amount of 60Hz shore power that can be produced at the existing power plant. This is an unacceptable condition as it would result in Naval Vessels being at a reduced state of readiness (since Naval Vessel maintenance and repair work on the engine plant would not be accomplished), which can result in a mission failure.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				092003
(B) Date 35% Design or Parametric Cost Estimate Complete				022005
(C) Date Design Completed				092005
(D) Percent Completed as of SEPTEMBER 2005				2%
(E) Percent Completed as of JANUARY 2006				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 Previously Used:				N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$5,000



1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN		4. Project Title Wharf Upgrades Inc 2 of 3		
5. Program Element 0203176N	6. Category Code 15210	7. Project Number P998A	8. Project Cost (\$000) Auth 0 Approp 44,360 Auth for Approp 44,360	
(A) Production of Plans and Specifications				\$3,800
(B) All other Design Costs				\$1,200
(C) Total				\$5,000
(D) Contract				\$3,100
(E) In-House				\$1,900
4. Contract Award				042006
5. Construction Start				052006
6. Construction Complete				042009
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>	<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>	
Hoses, Assemblies	OPN	2006	250	
Power Plant Equipment	OPN	2006	11	
Ship Support Equipment	OPN	2006	2,000	
Waterfront Support Equipment	OPN	2006	1,200	
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: Roy Iwane		Phone No: 046-816-5365		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: N61028 COMFLEACT YOKOSUKA JA YOKOSUKA, JAPAN		4. Project Title Wharf Upgrades Inc 2 of 3	
5. Program Element 0203176N	6. Category Code 15210	7. Project Number P998A	8. Project Cost (\$000) Auth 0 Approp 44,360 Auth for Approp 44,360

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1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006	
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Unspecified Minor Construction			
5. Program Element	6. Category Code	7. Project Number P207	8. Project Cost (\$000) Auth 0 Approp 8,939 Auth for Approp 8,939		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
UNSPECIFIED MINOR CONSTRUCTION		LS			8,940
UNSPECIFIED MINOR CONSTRUCTION		LS			(8,940)
SUBTOTAL					8,940
CONTINGENCY (0%)					0
TOTAL CONTRACT COST					8,940
SIOH (0%)					0
SUBTOTAL					8,940
TOTAL REQUEST ROUNDED					8,940
TOTAL REQUEST					8,939
<b>10. Description of Proposed Construction</b>					
<p>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.</p>					
<b>11. Requirement:</b>					
<b>PROJECT:</b>					
Unspecified Minor Construction.					
<b>(Current Mission)</b>					
<b>REQUIREMENT:</b>					
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.					
<b>CURRENT SITUATION:</b>					
N/A					
<b>IMPACT IF NOT PROVIDED:</b>					
N/A					
<b>12. Supplemental Data:</b>					
A. Estimated Design Data:					

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Unspecified Minor Construction	
5. Program Element	6. Category Code	7. Project Number P207	8. Project Cost (\$000) Auth 0 Approp 8,939 Auth for Approp 8,939
<p>1. Status:</p> <p>(A) Date Design or Parametric Cost Estimate Started</p> <p>(B) Date 35% Design or Parametric Cost Estimate Complete</p> <p>(C) Date Design Completed</p> <p>(D) Percent Completed as of SEPTEMBER 2005</p> <p>(E) Percent Completed as of JANUARY 2006</p> <p>(F) Type of Design Contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy study/Life cycle analysis performed</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design:</p> <p>(B) Where Design Was Previously Used:</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$0</p> <p>(A) Production of Plans and Specifications</p> <p>(B) All other Design Costs</p> <p>(C) Total \$0</p> <p>(D) Contract</p> <p>(E) In-House</p> <p>4. Contract Award</p> <p>5. Construction Start</p> <p>6. Construction Complete</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: N/A</p> <p>Activity POC: CDR Michael Weaver Phone No: (202) 433-4616</p>			

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Planning and Design		
5. Program Element	6. Category Code	7. Project Number P217	8. Project Cost (\$000) Auth 0 Approp 67,861 Auth for Approp 67,861	
<b>9. COST ESTIMATES</b>				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PLANNING AND DESIGN	LS			67,860
DESIGN COSTS	LS			(67,860)
SUBTOTAL				67,860
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				67,860
SIOH (0%)				0
SUBTOTAL				67,860
TOTAL REQUEST ROUNDED				67,860
TOTAL REQUEST				67,861
<b>10. Description of Proposed Construction</b>				
<p>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, and land appraisals. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.</p>				
<b>11. Requirement:</b>				
<b>PROJECT:</b>				
Planning and design funds.				
<b>(Current Mission)</b>				
<b>REQUIREMENT:</b>				
<p>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.</p>				
<b>CURRENT SITUATION:</b>				
N/A				
<b>IMPACT IF NOT PROVIDED:</b>				
N/A				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Planning and Design	
5. Program Element	6. Category Code	7. Project Number P217	8. Project Cost (\$000) Auth 0 Approp 67,861 Auth for Approp 67,861
<p>(A) Date Design or Parametric Cost Estimate Started</p> <p>(B) Date 35% Design or Parametric Cost Estimate Complete</p> <p>(C) Date Design Completed</p> <p>(D) Percent Completed as of SEPTEMBER 2005</p> <p>(E) Percent Completed as of JANUARY 2006</p> <p>(F) Type of Design Contract</p> <p>(G) Parametric Estimate used to develop cost</p> <p>(H) Energy study/Life cycle analysis performed</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design:</p> <p>(B) Where Design Was Previously Used:</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$0</p> <p>(A) Production of Plans and Specifications</p> <p>(B) All other Design Costs</p> <p>(C) Total \$0</p> <p>(D) Contract</p> <p>(E) In-House</p> <p>4. Contract Award</p> <p>5. Construction Start</p> <p>6. Construction Complete</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>JOINT USE CERTIFICATION: N/A</p> <p>Activity POC: CDR Michael Weaver Phone No: (202) 433-4616</p>			

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Hockmuth Hall Addition, Quantico, VA	
5. Program Element	6. Category Code 61010	7. Project Number P340A	8. Project Cost (\$000) Auth 1,400 Approp 11,559 Auth for Approp 11,559

**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
HOCKMUTH HALL ADDITION, QUANTICO, VA (141,887 SF)	m2	13,181.78		10,580
MCIA ADMINISTRATIVE ADDITION (31,073 SF)	m2	2,886.78	1,727.36	(4,990)
MCIA WAREHOUSE ADDITION (4,004 SF)	m2	372	1,287.5	(480)
MCIA PARKING GARAGE (106,810 SF)	m2	9,923	339.81	(3,370)
BUILT-IN EQUIPMENT	LS			(330)
TECHNICAL OPERATING MANUALS	LS			(210)
INFORMATION SYSTEMS	LS			(360)
ANTI-TERRORISM/FORCE PROTECTION	LS			(840)
SUPPORTING FACILITIES				2,950
SPECIAL CONSTRUCTION FEATURES	LS			(470)
ELECTRICAL UTILITIES	LS			(330)
MECHANICAL UTILITIES	LS			(570)
PAVING AND SITE IMPROVEMENTS	LS			(1,220)
DEMOLITION	LS			(140)
ENVIRONMENTAL MITIGATION	LS			(120)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
SUBTOTAL				13,530
CONTINGENCY (5%)				680
TOTAL CONTRACT COST				14,210
SIOH (5.7%)				810
SUBTOTAL				15,020
DESIGN/BUILD - DESIGN COST				540
LESS INCREMENT 1 FUNDING	LS			-3,963
TOTAL REQUEST ROUNDED				11,597
TOTAL REQUEST				11,559

**10. Description of Proposed Construction**

This project constructs a multi-story brick-faced, cast stone, Georgian-style addition and Parking Garage to match existing architectural plan, with structural steel frame, standing seam metal roof and brick veneer.

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE			4. Project Title Hockmuth Hall Addition, Quantico, VA	
5. Program Element	6. Category Code 61010	7. Project Number P340A	8. Project Cost (\$000) Auth 1,400 Approp 11,559 Auth for Approp 11,559	
<p>Special costs include reinforced concrete slab-on-grade, elevated reinforced concrete slabs, spread footing foundation, and a simulation laboratory. Built in equipment includes a freight/passenger elevator, forklift charging station, and back-up power. Electrical systems include fire alarms and information systems, to include Local Area Network (LAN). Mechanical systems include EMCS, electrical and fire protection systems, plumbing, and HVAC. Sustainable principles will be included in the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders. Paving and site improvements include widening and realigning McCawly Ave and landscaping. Project will demolish Bldg 3040. Technical operating manuals will be provided. AT/FP features are also included.</p>				
<p><b>11. Requirement: Adequate: Substandard:</b></p> <p><b>PROJECT:</b></p> <p>Construct an administrative addition to accommodate up to 120 Military and Civilian personnel and publication storage. Realign and widen existing road infrastructure to provide adequate access and traffic flow to the site and surrounding activities.</p> <p><b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate administrative, storage, and road infrastructure, that is efficiently configured to provide Marine Corps Intelligence Activity (MCIA) with additional administrative and storage space needed to meet increased mission requirements.</p> <p><b>CURRENT SITUATION:</b></p> <p>The current authorized structure and anticipated growth of MCIA has dictated the additional request for space. The current facility is not large enough to adequately support existing manpower requirements. Continued growth and mission changes will continue based on the HQMC directed MCIA reorganization to accommodate the inclusion of Marine Corps Cryptologic Support Battalion and Counter-intelligence Support Company under the MCIA command structure.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p> <p>The MCIA will not be able to accommodate the additional personnel required by HQMC-directed MCIA reorganization. Their ability to support additional operational, training, and personnel requirements will be severely limited due to a lack of adequate space.</p>				
<p><b>12. Supplemental Data:</b></p> <p>A. Estimated Design Data:</p> <p>1. Status:</p>				



1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE			4. Project Title Hockmuth Hall Addition, Quantico, VA	
5. Program Element	6. Category Code 61010	7. Project Number P340A	8. Project Cost (\$000) Auth 1,400 Approp 11,559 Auth for Approp 11,559	
(A) Date Design or Parametric Cost Estimate Started		092004		
(B) Date 35% Design or Parametric Cost Estimate Complete		092005		
(C) Date Design Completed		062006		
(D) Percent Completed as of SEPTEMBER 2005		10%		
(E) Percent Completed as of JANUARY 2006		15%		
(F) Type of Design Contract		Design Build		
(G) Parametric Estimate used to develop cost		Yes		
(H) Energy study/Life cycle analysis performed		No		
2. Basis:				
(A) Standard or Definitive Design:		No		
(B) Where Design Was Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :		\$510		
(A) Production of Plans and Specifications		\$450		
(B) All other Design Costs		\$60		
(C) Total		\$510		
(D) Contract		\$450		
(E) In-House		\$60		
4. Contract Award		042006		
5. Construction Start		072006		
6. Construction Complete		032008		
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION:				
The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC:		Phone No:		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Hockmuth Hall Addition, Quantico, VA	
5. Program Element	6. Category Code 61010	7. Project Number P340A	8. Project Cost (\$000) Auth 1,400 Approp 11,559 Auth for Approp 11,559

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1. Component NAVY		<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006	
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE			4. Project Title Helicopter Support Facility		
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P612	8. Project Cost (\$000) 12,185		
<b>9. COST ESTIMATES</b>					
Item		UM	Quantity	Unit Cost	Cost(\$000)
HELICOPTER SUPPORT FACILITY (20,947 SF)		m2	1,946		8,090
PRESIDENTIAL HELICOPTER SUPPORT FACILITY (20,947 SF)		m2	1,946	2,501.37	(4,870)
TEMPORARY FACILITIES		LS			(630)
MAINTENANCE SUPPORT FACILITIES		LS			(300)
RESTRICTED SITE ACCESS		LS			(1,150)
BUILT-IN EQUIPMENT		LS			(490)
TECHNICAL OPERATING MANUALS		LS			(150)
INFORMATION SYSTEMS		LS			(390)
ANTI-TERRORISM/FORCE PROTECTION		LS			(110)
SUPPORTING FACILITIES					2,890
ELECTRICAL UTILITIES		LS			(510)
MECHANICAL UTILITIES		LS			(220)
DEMOLITION OF EXISTING APRON		LS			(510)
SITE IMPROVEMENTS		LS			(1,260)
DEMOLITION OF EXISTING HANGAR		LS			(390)
SUBTOTAL					10,980
CONTINGENCY (5%)					550
TOTAL CONTRACT COST					11,530
SIOH (5.7%)					660
SUBTOTAL					12,190
TOTAL REQUEST ROUNDED					12,190
TOTAL REQUEST					12,185
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)					(400)
<b>10. Description of Proposed Construction</b>					
<p>New construction of a modified Type I hangar module for two aircraft, including an 8-meter "high bay" with adjacent command and control station and Air Force weather room, telecommunications room, alert lounge, tool room, pack-up room, berthing area for 25 personnel (4 female) with head, shower, kitchen, and lounge facilities. Additionally, the project includes site utility development, utilization of sustainable design techniques, and landscaping. Built in equipment includes an aqueous film forming foam fire</p>					

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Helicopter Support Facility		
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P612	8. Project Cost (\$000) 12,185	
<p>suppression system.</p> <p>The apron area will include lighting, a drainage collection and treating system, and an under-slab heating system to prevent snow and ice accumulation. The project includes demolition of the existing hangar (1321 m2), erection of a temporary hangar, and demolition of the existing apron.</p> <p>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.</p>				
<p><b>11. Requirement:</b>    <u>1,946 m2</u>    <b>Adequate:</b>    <u>0 m2</u>    <b>Substandard:</b>    <u>0 m2</u></p> <p><b>PROJECT:</b></p> <p>Construct one module of a modified Type 1 Maintenance Hangar in support of a Marine Corps Helicopter Squadron.</p> <p><b>(New Mission)</b></p> <p><b>REQUIREMENT:</b></p> <p>Adequate and efficiently configured facilities are required to support current air operations and the maintenance of the future aircraft assigned to the squadron. The EH-101 is scheduled to replace the current helicopter. The new hangar must be available to support the new aircraft for Initial Operational Capability in Jan 2008. Two aircraft are to be parked inside the hangar facility (one in flight-ready condition and one with wings/rotors folded, both with tow bar and tug attached) and the hangar will have an 8 meter (minimum) vertical clearance. The apron shall have under-slab heating to preclude ice or snow. There shall be a holding tank/treatment system for drainage and run-off due to use of both the AFFF system in the hangar and decontamination washing on the apron.</p> <p><b>CURRENT SITUATION:</b></p> <p>The current hangar, while adequate for support of the current aircraft, is not adequate for the next aircraft, the EH-101 or SH-92. The door opening is not high enough to allow any of the three aircraft types to enter. Although the existing hangar is wide enough for two of the SH-92, it is not wide enough for two of the EH-101. The current hangar was built in the 1960s, and although refurbished in 1994, it requires continually increasing maintenance. Limited aircraft washing equipment, although not currently available, is a requirement for the next aircraft. Under-slab heating, although not currently available, is needed to prevent the accumulation of ice or snow on the apron. Aircraft fuel storage and an under-ground refueling station are currently available and have recently been refurbished.</p> <p><b>IMPACT IF NOT PROVIDED:</b></p>				

1. Component NAVY	FY 2007 MILITARY CONSTRUCTION PROGRAM			2. Date 06 FEB 2006
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<p>The planned transfer to the use of the EH-101 or SH-92 aircraft cannot be adequately accommodated in the current facility. The mission requirements for these aircraft are such that they must be hangared. The aircraft are valued at over \$100M each and must be appropriately maintained for long term operability. Building this facility is essential to maintain the current mission with the future aircraft of the Marine Corps Helicopter Squadron.</p>				
<b>12. Supplemental Data:</b>				
A. Estimated Design Data:				
1. Status:				
(A) Date Design or Parametric Cost Estimate Started				082003
(B) Date 35% Design or Parametric Cost Estimate Complete				012006
(C) Date Design Completed				092006
(D) Percent Completed as of SEPTEMBER 2005				2%
(E) Percent Completed as of JANUARY 2006				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 Previously Used:				
3. Total Cost (C) = (A) + (B) = (D) + (E) :				\$880
(A) Production of Plans and Specifications				\$660
(B) All other Design Costs				\$220
(C) Total				\$880
(D) Contract				\$550
(E) In-House				\$330
4. Contract Award				012007
5. Construction Start				042007
6. Construction Complete				082008
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>		<u>Procuring FY Approp</u>		
<u>Nomenclature</u>		<u>Approp</u>	<u>or Requested</u>	<u>Cost (\$000)</u>
PSE/IDS		OPN	2007	400
JOINT USE CERTIFICATION:				
The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.				
Activity POC: CDR Weaver		Phone No: 202 433 4616		

1. Component NAVY	<b>FY 2007 MILITARY CONSTRUCTION PROGRAM</b>		2. Date 06 FEB 2006
3. Installation and Location/UIC: NC1002 VARIOUS LOCATIONS WORLDWIDE		4. Project Title Helicopter Support Facility	
5. Program Element 0703676N	6. Category Code 21105	7. Project Number P612	8. Project Cost (\$000) 12,185

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