Department of the Navy

AD-A231 931

FY 1992/FY 1993 BIENNIAL BUDGET ESTIMATES

MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

FY 1992

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DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

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DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
SUMMARY OF LOCATIONS

STATE/COUNTRY	AUTH. REQUEST ($000)	APPRO. REQUEST ($000)
INSIDE THE UNITED STATES		
ALASKA	25,640	25,640
CALIFORNIA	126,552	126,552
CONNECTICUT	11,480	11,480
DISTRICT OF COLUMBIA	15,660	15,660
FLORIDA	40,430	40,430
GEORGIA	9,780	9,780
HAWAII	78,700	78,700
ILLINOIS	7,000	7,000
INDIANA	8,700	8,700
MARYLAND	27,390	27,390
NEVADA	2,500	2,500
NEW JERSEY	5,240	5,240
NORTH CAROLINA	28,050	28,050
OKLAHOMA	4,700	4,700
PENNSYLVANIA	4,000	4,000
SOUTH CAROLINA	21,970	21,970
TEXAS	1,500	1,500
VIRGINIA	73,910	73,910
WASHINGTON	32,810	32,810
SUBTOTAL	526,012	526,012
OUTSIDE THE UNITED STATES		
BAHRAIN ISLAND	1,300	1,300
CUBA	41,150	41,150
GUAM	2,000	2,000
ICELAND	10,600	10,600
ITALY	26,170	26,170
PUERTO RICO	7,660	7,660
SCOTLAND	1,400	1,400
SUBTOTAL	90,280	90,280
VARIOUS LOCATIONS	210,708	210,708
TOTAL - FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM	827,000	827,000
LESS FAMILY HOUSING	169,200	169,200
TOTAL - FY 1992 MILITARY CONSTRUCTION PROGRAM	657,800	657,800

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STATE/ COUNTRY	PROJ. NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH. REQUEST ($000)	APPROP. REQUEST ($000)	% DESIGN AS OF JAN 91	PAGE NO.
		INSIDE THE UNITED STATES				
ALASKA		NAVAL SECURITY GROUP ACTIVITY, ADAK, ALASKA				1
	069	BACHELOR ENLISTED QUARTERS	9,100	9,100	50	3
	076	CLASSIC WIZARD FACILITY ADDITION	3,600	3,600	45	5
		SUBTOTAL	12,700	12,700		
		FLEET SURVEILLANCE SUPPORT COMMAND, AMCHITKA ISLAND, ALASKA				7
	924	SUPPLY PIER	7,200	7,200	40	9
		SUBTOTAL	7,200	7,200		
		NAVAL SECURITY GROUP SUPPORT DETACHMENT, ANCHORAGE, ALASKA				11
	192	OPERATIONS BUILDING CLASSIC OWL	2,600	2,600	50	13
		SUBTOTAL	2,600	2,600		
		NAVAL SECURITY GROUP SUPPORT DETACHMENT, SHEMYA, ALASKA				15
	292	OPERATIONS BUILDING CLASSIC OWL	3,140	3,140	50	17
		SUBTOTAL	3,140	3,140		
		TOTAL - ALASKA	25,640	25,640		
CALIFORNIA		AMPHIBIOUS TASK FORCE CAMP PENDLETON, CALIFORNIA				19
	956	BACHELOR ENLISTED QUARTERS	5,750	5,750	50	21
	954	LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT IV)	12,000	12,000	35	23
		SUBTOTAL	17,750	17,750		
		MARINE CORPS AIR STATION, CAMP PENDLETON, CALIFORNIA				25
	439	AIRCRAFT FIRE AND RESCUE STATION ADDITION	650	650	80	346
	605	OPERATIONAL TRAINER FACILITY ADDITION	1,360	1,360	80	27
		SUBTOTAL	2,010	2,010		
		MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA				29
	522	ARMORY ADDITION AND MOTOR TRANSPORT FACILITY	1,460	1,460	80	31
	098A	FAMILY HOUSING	16,172	16,172	N/A	362
		SUBTOTAL	17,632	17,632		
		NAVAL AMPHIBIOUS BASE, CORONADO, CALIFORNIA				33
	187	SMALL CRAFT BERTHING PIER	1,600	1,600	40	35
		SUBTOTAL	1,600	1,600		

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		INSIDE THE UNITED STATES				
CALIFORNIA		NAVAL AIR STATION, LEMOORE, CALIFORNIA				366
	182	COMMUNITY CENTER	1,070	1,070	N/A	367
		SUBTOTAL	1,070	1,070		
		NAVAL AIR STATION, MIRAMAR, CALIFORNIA				37
	350	CASS TRAINING BUILDING ADDITION	2,000	2,000	40	39
	338	MAINTENANCE HANGAR ALTERATIONS	1,250	1,250	45	41
		SUBTOTAL	3,250	3,250		
		NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIFORNIA				43
	162	FIRE PROTECTION SYSTEM	2,900	2,900	45	45
		SUBTOTAL	2,900	2,900		
		NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CALIFORNIA				47
	486	BACHELOR ENLISTED QUARTERS (INCREMENT I)	6,880	6,880	50	49
	481	CONSTRUCTION BATTALION CENTER OPERATIONS FACILITY	8,300	8,300	50	51
	463	CHILD DEVELOPMENT CENTER ADDITION	2,070	2,070	40	53
	190	FAMILY HOUSING	11,160	11,160	N/A	370
		SUBTOTAL	28,410	28,410		
		FLEET COMBAT TRAINING CENTER PACIFIC, SAN DIEGO, CALIFORNIA				55
	034	APPLIED INSTRUCTION BUILDING ADDITION	640	640	100	346
		SUBTOTAL	640	640		
		NAVAL STATION, SAN DIEGO, CALIFORNIA				57
	288	MESS HALL IMPROVEMENTS	310	310	75	346
	294	SHIP DEMAGNETIZING FACILITY	2,800	2,800	80	59
		SUBTOTAL	3,110	3,110		
		NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA				61
	048	BACHELOR ENLISTED QUARTERS	14,130	14,130	100	63
		SUBTOTAL	14,130	14,130		
		NAVY PUBLIC WORKS CENTER, SAN DIEGO, CALIFORNIA				373
	188	FAMILY HOUSING	29,800	29,800	N/A	374
		SUBTOTAL	29,800	29,800		

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		INSIDE THE UNITED STATES				
CALIFORNIA		MARINE CORPS AIR-GROUND COMBAT CENTER, TWENTYNINE PALMS, CALIFORNIA				67
	480	FIRE FIGHTER TRAINING FACILITY	680	680	100	336
		SUBTOTAL	680	680		
		MARE ISLAND NAVAL SHIPYARD, VALLEJO, CALIFORNIA				69
	287	ROAD REALIGNMENT	3,570	3,570	35	71
		SUBTOTAL	3,570	3,570		
		TOTAL - CALIFORNIA	126,552	126,552		
CONNECTICUT		NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT				73
	320	FIRE STATION	770	770	60	347
	415	FUEL TANKS REPLACEMENT	3,650	3,650	85	75
	417	RELIGIOUS EDUCATION CENTER	1,260	1,260	60	77
		SUBTOTAL	5,680	5,680		
		SUBMARINE SUPPORT FACILITY, NEW LONDON, CONNECTICUT				79
	394	SUBMARINE INTERMEDIATE MAINTENANCE FACILITY MODERNIZATION	5,800	5,800	70	81
		SUBTOTAL	5,800	5,800		
		TOTAL - CONNECTICUT	11,480	11,480		
DISTRICT OF COLUMBIA		COMMANDANT NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA				83
	306	CHILD DEVELOPMENT CENTER	3,700	3,700	70	85
	092	DEMOLITION	9,910	9,910	N/A	378
	304	HAZARDOUS WASTE STORAGE FACILITY	2,050	2,050	80	87
		SUBTOTAL	15,660	15,660		
		TOTAL - DISTRICT OF COLUMBIA	15,660	15,660		
FLORIDA		NAVAL STATION, MAYPORT, FLORIDA				89
	736	CHILD DEVELOPMENT CENTER	2,150	2,150	50	91
	183	COMMUNITY CENTER	710	710	N/A	382
	836	HAZARDOUS WASTE STORAGE FACILITY	990	990	65	336
		SUBTOTAL	3,850	3,850		
		NAVAL TRAINING CENTER, ORLANDO, FLORIDA				93
	479	BARRACKS	7,980	7,980	50	95
	175	CHILD DEVELOPMENT CENTERS	4,000	4,000	60	97
	202	COLD STORAGE WAREHOUSE	2,150	2,150	100	99
	240	MESS HALL	7,300	7,300	40	101
		SUBTOTAL	21,430	21,430		

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		INSIDE THE UNITED STATES				
FLORIDA		NAVAL COASTAL SYSTEMS CENTER, PANAMA CITY, FLORIDA				103
	303	BACHELOR ENLISTED QUARTERS	9,000	9,000	35	105
	311	MESS HALL	2,150	2,150	35	107
		SUBTOTAL	11,150	11,150		
		NAVAL AIR STATION, PENSACOLA, FLORIDA				109
	047	BRIG	4,000	4,000	100	111
		SUBTOTAL	4,000	4,000		
		TOTAL - FLORIDA	40,430	40,430		
GEORGIA		NAVAL SUBMARINE BASE, KINGS BAY, GEORGIA				113
	442	GENERATOR TEST BUILDING ADDITION	580	580	100	347
	444	TRIDENT TRAINING COMPLEX ADDITION	9,200	9,200	50	115
		SUBTOTAL	9,780	9,780		
		TOTAL - GEORGIA	9,780	9,780		
HAWAII		NAVAL AIR STATION, BARBERS POINT, HAWAII				117
	225	BACHELOR ENLISTED QUARTERS MODERNIZATION	3,300	3,300	40	119
		SUBTOTAL	3,300	3,300		
		NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII				121
	130	BACHELOR ENLISTED QUARTERS MODERNIZATION	1,500	1,500	50	123
		SUBTOTAL	1,500	1,500		
		NAVAL MAGAZINE, LUALUALEI, HAWAII				125
	140	TORPEDO MAINTENANCE FACILITIES	8,700	8,700	60	127
		SUBTOTAL	8,700	8,700		
		NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PEARL HARBOR, HAWAII				129
	351	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	3,200	3,200	40	131
		SUBTOTAL	3,200	3,200		
		NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII				133
	120	BERTHING WHARF	23,000	23,000	40	135
	115	SHORE INTERMEDIATE MAINTENANCE ACTIVITY	39,000	39,000	35	137
		SUBTOTAL	62,000	62,000		
		TOTAL - HAWAII	78,700	78,700		

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ILLINOIS		NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS				141
	550	MESS HALL MODERNIZATION	7,000	7,000	40	143
		SUBTOTAL	7,000	7,000		
		TOTAL - ILLINOIS	7,000	7,000		
INDIANA		NAVAL WEAPONS SUPPORT CENTER, CRANE, INDIANA				145
	246	ELECTRONICS MAINTENANCE SHOP	8,700	8,700	50	147
		SUBTOTAL	8,700	8,700		
		TOTAL - INDIANA	8,700	8,700		
MARYLAND		D.W. TAYLOR NAVAL SHIP RESEARCH & DEV CEN, ANNAPOLIS, MARYLAND				149
	172	COMPOSITE MATERIALS LABORATORY	3,450	3,450	60	151
		SUBTOTAL	3,450	3,450		
		NAVAL RADIO TRANSMITTING FACILITY, ANNAPOLIS, MARYLAND				153
	810	ANTENNA MODIFICATIONS	2,400	2,400	100	155
	963	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	1,900	1,900	80	157
	965	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	920	920	90	347
		SUBTOTAL	5,220	5,220		
		NATIONAL NAVAL MEDICAL CENTER, BETHESDA, MARYLAND				159
	923	BACHELOR ENLISTED QUARTERS MODERNIZATION	3,500	3,500	40	161
	932	SANITARY SEWAGE SYSTEM IMPROVEMENTS	970	970	100	337
		SUBTOTAL	4,470	4,470		
		NAVAL AIR TEST CENTER, PATUXENT RIVER, MARYLAND				163
	494	ALERT FORCE FACILITY	5,800	5,800	35	165
		SUBTOTAL	5,800	5,800		
		NAVAL ELECTRONIC SYSTEMS ENGINEERING ACT, ST. INIGOES, MARYLAND				167
	712	ACLS INTEGRATION AND TEST FACILITY	1,750	1,750	35	169
	720	ELECTRONICS SYSTEMS INTEGRATION LABORATORY	5,800	5,800	80	171
	725	SANITARY WASTEWATER SYSTEM	900	900	100	337
		SUBTOTAL	8,450	8,450		
		TOTAL - MARYLAND	27,390	27,390		

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		INSIDE THE UNITED STATES				
NEVADA		NAVAL AIR STATION, FALLON, NEVADA				173
	282	RANGE AIR SURVEILLANCE FACILITY	2,500	2,500	40	175
		SUBTOTAL	2,500	2,500		
		TOTAL - NEVADA	2,500	2,500		
NEW JERSEY		NAVAL WEAPONS STATION, EARLE, NEW JERSEY				177
	871	CHILD DEVELOPMENT CENTER	1,250	1,250	80	179
	931	ROAD IMPROVEMENTS	3,650	3,650	50	181
		SUBTOTAL	4,900	4,900		
		NAVAL AIR ENGINEERING CENTER, NAS, LAKEHURST, NEW JERSEY				383
	184A	HOUSING OFFICE	340	340	N/A	384
		SUBTOTAL	340	340		
		TOTAL - NEW JERSEY	5,240	5,240		
NORTH CAROLINA		MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA				183
	853	VEHICLE READY FUEL STORAGE FACILITY	2,500	2,500	50	185
		SUBTOTAL	2,500	2,500		
		MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA				187
	031	AIRCRAFT BOMBING RANGE SUPPORT FACILITIES	1,450	1,450	35	189
	014	WASTEWATER TREATMENT PLANT IMPROVEMENTS	17,000	17,000	60	337
		SUBTOTAL	18,450	18,450		
		MARINE CORPS AIR STATION, NEW RIVER, NORTH CAROLINA				191
	545	AIRCRAFT DIRECT FUELING FACILITY MODIFICATIONS	7,100	7,100	40	193
		SUBTOTAL	7,100	7,100		
		TOTAL - NORTH CAROLINA	28,050	28,050		
OKLAHOMA		NAVAL AIR DETACHMENT, TINKER AIR FORCE BASE, OKLAHOMA				195
	062	BACHELOR ENLISTED QUARTERS (INCREMENT II)	4,700	4,700	60	197
		SUBTOTAL	4,700	4,700		
		TOTAL - OKLAHOMA	4,700	4,700		

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PENNSYLVANIA		NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PHILADELPHIA, PENNSYLVANIA				199
	587	OBSTRUCTION REMOVAL AND ELECTRICAL POWER	4,000	4,000	40	201
		SUBTOTAL	4,000	4,000		
		TOTAL - PENNSYLVANIA	4,000	4,000		
SOUTH CAROLINA		MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA				203
	380	AIR TRAFFIC CONTROL TOWER	2,250	2,250	80	205
		SUBTOTAL	2,250	2,250		
		FLEET AND MINE WARFARE TRAINING CENTER, CHARLESTON, SOUTH CAROLINA				207
	624	FIRE FIGHTING TRAINER FACILITY	14,620	14,620	50	209
		SUBTOTAL	14,620	14,620		
		MARINE CORPS RECRUIT DEPOT, PARRIS ISLAND, SOUTH CAROLINA				211
	304	COMBAT TRAINING FACILITY	5,100	5,100	40	213
		SUBTOTAL	5,100	5,100		
		TOTAL - SOUTH CAROLINA	21,970	21,970		
TEXAS		NAVAL AIR STATION, KINGSVILLE, TEXAS				215
	206	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	1,500	1,500	65	217
		SUBTOTAL	1,500	1,500		
		TOTAL - TEXAS	1,500	1,500		
VIRGINIA		NAVAL SECURITY GROUP ACTIVITY NORTHWEST, CHESAPEAKE, VIRGINIA				219
	832	BACHELOR ENLISTED QUARTERS AND MESS HALL ADDITION	8,100	8,100	50	221
	864	COMM/SEC MATERIAL ISSUING OFFICE ADDITION	1,400	1,400	50	223
	841	ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	4,300	4,300	50	225
		SUBTOTAL	13,800	13,800		
		NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA				227
	338	LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT III)	10,500	10,500	70	229
	204	SURFACE WARFARE DEVELOPMENT GROUP OPERATIONS FACILITIES	2,230	2,230	100	231
		SUBTOTAL	12,730	12,730		

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VIRGINIA		NAVAL AIR STATION, NORFOLK, VIRGINIA				233
	519	AIRCRAFT MAINTENANCE HANGAR	8,270	8,270	35	235
	300	ALERT FORCE FACILITY	1,100	1,100	35	237
		SUBTOTAL	9,370	9,370		
		NAVAL COMMUNICATION AREA MASTER STA LANT NORFOLK, VIRGINIA				239
	401	SATELLITE TERMINAL AND COMMUNICATION CENTER ADDITIONS	6,550	6,550	40	241
		SUBTOTAL	6,550	6,550		
		NAVAL STATION, NORFOLK, VIRGINIA				243
	638	FIRE ALARM SYSTEM IMPROVEMENTS	340	340	35	348
		SUBTOTAL	340	340		
		OCEANOGRAPHIC SYSTEM ATLANTIC, NORFOLK, VIRGINIA				245
	332	SURTASS SUPPORT CENTER	3,250	3,250	35	247
		SUBTOTAL	3,250	3,250		
		NAVAL AIR STATION, OCEANA, VIRGINIA				249
	179	OPERATIONAL FLIGHT TRAINER BUILDING ADDITION	2,020	2,020	50	251
	718	SQUADRON TRAINING BUILDING ADDITION	5,250	5,250	100	253
		SUBTOTAL	7,270	7,270		
		NAVAL HOSPITAL, PORTSMOUTH, VIRGINIA				255
	025	BACHELOR ENLISTED QUARTERS	6,600	6,600	40	257
		SUBTOTAL	6,600	6,600		
		SHORE INTERMEDIATE MAINTENANCE ACTIVITY, PORTSMOUTH, VIRGINIA				259
	320	SHORE INTERMEDIATE MAINTENANCE FACILITY	14,000	14,000	95	261
		SUBTOTAL	14,000	14,000		
		TOTAL - VIRGINIA	73,910	73,910		
WASHINGTON		COMMANDER SUBMARINE GROUP 9, BANGOR, WASHINGTON				265
	409	SATELLITE TERMINAL ADDITION	2,050	2,050	40	267
		SUBTOTAL	2,050	2,050		
		TRIDENT REFIT FACILITY, BANGOR, WASHINGTON				269
	031	DATA PROCESSING CENTER ADDITION	2,170	2,170	40	271
		SUBTOTAL	2,170	2,170		

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WASHINGTON		NAVAL STATION, EVERETT, WASHINGTON				273
	103	ADMINISTRATION FACILITY	4,500	4,500	45	275
	081	MESS HALL	2,400	2,400	45	277
	130	UTILITIES AND SITE IMPROVEMENTS	14,890	14,890	50	279
		SUBTOTAL	21,790	21,790		
		NAVAL AIR STATION, WHIDBEY ISLAND, WASHINGTON				281
	511	FLEET AREA CONTROL AND SURVEILLANCE FACILITY	6,800	6,800	100	283
		SUBTOTAL	6,800	6,800		
		TOTAL - WASHINGTON	32,810	32,810		
		SUBTOTAL - MILITARY CONSTRUCTION	456,850	456,850		
		SUBTOTAL - MILITARY CONSTRUCTION FOR FAMILY HOUSING	69,162	69,162		
		TOTAL - INSIDE THE UNITED STATES	526,012	526,012		
		OUTSIDE THE UNITED STATES				
BAHRAIN ISLAND		ADMINISTRATIVE SUPPORT UNIT, BAHRAIN ISLAND, BAHRAIN				285
	800	COMMUNICATION BUILDING ADDITION	1,300	1,300	35	287
		SUBTOTAL	1,300	1,300		
		TOTAL - BAHRAIN ISLAND	1,300	1,300		
CUBA		NAVAL STATION, GUANTANAMO BAY, CUBA				289
	088	FAMILY HOUSING	38,400	38,400	N/A	386
	381	WATERFRONT OPERATIONS BUILDING	2,750	2,750	40	291
		SUBTOTAL	41,150	41,150		
		TOTAL - CUBA	41,150	41,150		
GUAM		NAVAL COMM AREA MASTER STATION WESTPAC, GUAM				293
	234	CLASSIC WIZARD UPGRADE	900	900	100	348
	237	FIRE PROTECTION SYSTEM	1,100	1,100	50	295
		SUBTOTAL	2,000	2,000		
		TOTAL - GUAM	2,000	2,000		

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INDEX OF LOCATIONS

STATE/ COUNTRY	PROJ. NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH. REQUEST ($000)	APPROP. REQUEST ($000)	% DESIGN AS OF JAN 91	PAGE NO.
		OUTSIDE THE UNITED STATES				
ICELAND		NAVAL COMMUNICATION STATION, KEFLAVIK, ICELAND				297
	802	COMMUNICATION CENTER	10,600	10,600	35	299
		SUBTOTAL	10,600	10,600		
		TOTAL - ICELAND	10,600	10,600		
ITALY		NAVAL SUPPORT ACTIVITY, NAPLES, ITALY				301
	112	AIR CARGO TERMINAL	4,770	4,770	100	303
	137	UTILITIES SYSTEM UPGRADE	6,500	6,500	45	305
		SUBTOTAL	11,270	11,270		
		NAVAL COMMUNICATION STATION, SICILY, ITALY				307
	407	SATELLITE TERMINAL	2,750	2,750	35	309
		SUBTOTAL	2,750	2,750		
		NAVAL AIR STATION, SIGONELLA, ITALY				311
	220	ENGINE MAINTENANCE SHOP ADDITION	2,300	2,300	50	313
	144	OPERATIONS CONTROL CENTER	9,850	9,850	35	317
		SUBTOTAL	12,150	12,150		
		TOTAL - ITALY	26,170	26,170		
PUERTO RICO		NAVAL STATION, ROOSEVELT ROADS, PUERTO RICO				319
	495	SANITARY WASTEWATER SYSTEM UPGRADE	7,660	7,660	40	338
		SUBTOTAL	7,660	7,660		
		TOTAL - PUERTO RICO	7,660	7,660		
SCOTLAND		NAVAL SECURITY GROUP ACTIVITY, EDZELL, SCOTLAND				321
	063	CLASSIC WIZARD FACILITIES UPGRADE	1,400	1,400	35	323
		SUBTOTAL	1,400	1,400		
		TOTAL - SCOTLAND	1,400	1,400		
		SUBTOTAL - MILITARY CONSTRUCTION	51,880	51,880		
		SUBTOTAL - MILITARY CONSTRUCTION FOR FAMILY HOUSING	38,400	38,400		
		TOTAL - OUTSIDE THE UNITED STATES	90,280	90,280		
VARIOUS		VARIOUS LOCATIONS				
	VAR	A&E SERVICES & CONST DESIGN (FAMILY HOUSING)	6,200	6,200	N/A	453

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF LOCATIONS

STATE/ COUNTRY	PROJ. NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH. REQUEST ($000)	APPROP. REQUEST ($000)	% DESIGN AS OF JAN 91	PAGE NO.
VARIOUS		VARIOUS LOCATIONS				
	092	POST ACQUISITION CONSTRUCTION (IMPROVEMENTS)	55,438	55,438	N/A	390
	405	SATELLITE TERMINAL	1,800	1,800	45	325
	109	SATELLITE TERMINAL	8,770	8,770	45	327
	192	ACCESS ROADS	1,000	1,000	N/A	343
	092	LAND ACQUISITION	45,900	45,900	N/A	331
	092	UNSPECIFIED MINOR CONSTRUCTION	12,400	12,400	N/A	339
	VAR	ARCHITECTURAL AND ENGINEERING SERVICES & CONSTRUCTION DESGN	77,200	77,200	N/A	341
	092	HOST NATION INFRASTRUCTURE SUPPORT	2,000	2,000	N/A	329
		SUBTOTAL - MILITARY CONSTRUCTION	149,070	149,070		
		SUBTOTAL - MILITARY CONSTRUCTION FOR FAMILY HOUSING	61,638	61,638		
		TOTAL - VARIOUS LOCATIONS	210,708	210,708		
TOTAL - FY 1992 MILITARY CONSTRUCTION PROGRAM			657,800	657,800		
TOTAL - FY 1992 MILITARY CONSTRUCTION FAMILY HOUSING PROGRAM			169,200	169,200		
GRAND TOTAL			827,000	827,000		

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
MISSION STATUS INDEX

INSTALLATION/ LOCATION	PROJ. NO.	PROJECT TITLE	COST ($000)	MISSION STATUS
		INSIDE THE UNITED STATES		
ADAK AK NSGA	069	BACHELOR ENLISTED QUARTERS	9,100	N
	076	CLASSIC WIZARD FACILITY ADDITION	3,600	N
AMCHITKA IS AK FLTSURSPCD	924	SUPPLY PIER	7,200	N
ANCHORAGE AK NSGSD	192	OPERATIONS BUILDING CLASSIC OWL	2,600	N
SHEMYA AK NSGSD	292	OPERATIONS BUILDING CLASSIC OWL	3,140	N
CAMP PENDLETON CA PHIBTSF	956	BACHELOR ENLISTED QUARTERS	5,750	N
	954	LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT IV)	12,000	N
CAMP PENDLETON CA MCAS	439	AIRCRAFT FIRE AND RESCUE STATION ADDITION	650	C
	605	OPERATIONAL TRAINER FACILITY ADDITION	1,360	N
CAMP PENDLETON CA MCB	522	ARMORY ADDITION AND MOTOR TRANSPORT FACILITY	1,460	N
	098A	FAMILY HOUSING	16,172	C
CORONADO CA NAVPHIBASE	187	SMALL CRAFT BERTHING PIER	1,600	N
LEMOORE CA NAS	182	COMMUNITY CENTER	1,070	C
MIRAMAR CA NAS	35C	CASS TRAINING BUILDING ADDITION	2,000	N
	338	MAINTENANCE HANGAR ALTERATIONS	1,250	C
MONTEREY CA NPGS	162	FIRE PROTECTION SYSTEM	2,900	C
PORT HUENEME CA NCBC	486	BACHELOR ENLISTED QUARTERS (INCREMENT I)	6,880	C
	481	CONSTRUCTION BATTALION CENTER OPERATIONS FACILITY	8,300	C
	463	CHILD DEVELOPMENT CENTER ADDITION	2,070	C
	190	FAMILY HOUSING	11,160	C
SAN DIEGO CA FCTCPAC	034	APPLIED INSTRUCTION BUILDING ADDITION	640	N
SAN DIEGO CA NS	288	MESS HALL IMPROVEMENTS	310	C
	294	SHIP DEMAGNETIZING FACILITY	2,800	C
SAN DIEGO CA NSB	048	BACHELOR ENLISTED QUARTERS	14,130	C
SAN DIEGO CA PWC	188	FAMILY HOUSING	29,800	C
TWENTYNINE PALMS CA MAGCC	480	FIRE FIGHTER TRAINING FACILITY	680	C
VALLEJO CA MARE IS NSY	287	ROAD REALIGNMENT	3,570	C
NEW LONDON CT NSB	320	FIRE STATION	770	C
	415	FUEL TANKS REPLACEMENT	3,650	C
	417	RELIGIOUS EDUCATION CENTER	1,260	C
NEW LONDON CT SUBSUPPFAC	394	SUBMARINE INTERMEDIATE MAINTENANCE FACILITY MODERNIZATION	5,800	N
WASHINGTON DC COMNAVDIST	306	CHILD DEVELOPMENT CENTER	3,700	C
	092	DEMOLITION	9,910	C
	304	HAZARDOUS WASTE STORAGE FACILITY	2,050	C
MAYPORT FL NS	736	CHILD DEVELOPMENT CENTER	2,150	C
	183	COMMUNITY CENTER	710	C
	836	HAZARDOUS WASTE STORAGE FACILITY	990	C
ORLANDO FL NTC	479	BARRACKS	7,980	C
	175	CHILD DEVELOPMENT CENTERS	4,000	C
	202	COLD STORAGE WAREHOUSE	2,150	C
	240	MESS HALL	7,300	C
PANAMA CITY FL NCSC	303	BACHELOR ENLISTED QUARTERS	9,000	C
	311	MESS HALL	2,150	C
PENSACOLA FL NAS	047	BRIG	4,000	C

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
MISSION STATUS INDEX

INSTALLATION/ LOCATION	PROJ. NO.	PROJECT TITLE	COST ($000)	MISSION STATUS
		INSIDE THE UNITED STATES		
KINGS BAY GA NSB	442	GENERATOR TEST BUILDING ADDITION	580	C
	444	TRIDENT TRAINING COMPLEX ADDITION	9,200	N
BARBERS POINT HI NAS	225	BACHELOR ENLISTED QUARTERS MODERNIZATION	3,300	C
HONOLULU HI NAVCAMS EPAC	130	BACHELOR ENLISTED QUARTERS MODERNIZATION	1,500	C
LUALUALEI HI NM	140	TORPEDO MAINTENANCE FACILITIES	8,700	N
PEARL HARBOR HI NISMF	351	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	3,200	C
PEARL HARBOR HI NSB	120	BERTHING WHARF	23,000	C
	115	SHORE INTERMEDIATE MAINTENANCE ACTIVITY	39,000	C
GREAT LAKES IL NTC	550	MESS HALL MODERNIZATION	7,000	C
CRANE IN NAVWPNSUPPCEN	246	ELECTRONICS MAINTENANCE SHOP	8,700	N
ANNAPOLIS MD DTRC	172	COMPOSITE MATERIALS LABORATORY	3,450	C
ANNAPOLIS MD NRTF	810	ANTENNA MODIFICATIONS	2,400	C
	963	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	1,900	C
	965	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	920	C
BETHESDA MD NATNAVMEDCEN	923	BACHELOR ENLISTED QUARTERS MODERNIZATION	3,500	C
	932	SANITARY SEWAGE SYSTEM IMPROVEMENTS	970	C
PATUXENT RIVER MD NATC	494	ALERT FORCE FACILITY	5,800	N
ST INIGOES MD NAVELEXSYS	712	ACLS INTEGRATION AND TEST FACILITY	1,750	C
	720	ELECTRONICS SYSTEMS INTEGRATION LABORATORY	5,800	C
	725	SANITARY WASTEWATER SYSTEM	900	C
FALLON NV NAS	282	RANGE AIR SURVEILLANCE FACILITY	2,500	C
EARLE NJ NWS	871	CHILD DEVELOPMENT CENTER	1,250	N
	931	ROAD IMPROVEMENTS	3,650	N
LAKEHURST NJ AIRENGCEN	184A	HOUSING OFFICE	340	C
CAMP LEJEUNE NC MCB	853	VEHICLE READY FUEL STORAGE FACILITY	2,500	C
CHERRY POINT NC MCAS	031	AIRCRAFT BOMBING RANGE SUPPORT FACILITIES	1,450	C
	014	WASTEWATER TREATMENT PLANT IMPROVEMENTS	17,000	C
NEW RIVER NC MCAS	545	AIRCRAFT DIRECT FUELING FACILITY MODIFICATIONS	7,100	N
TINKER AFB OK NAVAIRDET	062	BACHELOR ENLISTED QUARTERS (INCREMENT II)	4,700	N
PHILADELPHIA PA NISMF	587	OBSTRUCTION REMOVAL AND ELECTRICAL POWER	4,000	C
BEAUFORT SC MCAS	380	AIR TRAFFIC CONTROL TOWER	2,250	N
CHARLESTON SC FMWTC	624	FIRE FIGHTING TRAINER FACILITY	14,620	N
PARRIS ISLAND SC MCRD	304	COMBAT TRAINING FACILITY	5,100	C
KINGSVILLE TX NAS	206	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	1,500	C
CHESAPEAKE VA NSGA NW	832	BACHELOR ENLISTED QUARTERS AND MESS HALL ADDITION	8,100	N
	864	COMM/SEC MATERIAL ISSUING OFFICE ADDITION	1,400	N

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
MISSION STATUS INDEX

INSTALLATION/ LOCATION	PROJ. NO.	PROJECT TITLE	COST ($000)	MISSION STATUS
		INSIDE THE UNITED STATES		
	841	ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	4,300	C
LITTLE CREEK VA NAVPHIBSE	338	LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT III)	10,500	N
	204	SURFACE WARFARE DEVELOPMENT GROUP OPERATIONS FACILITIES	2,230	C
NORFOLK VA NAS	519	AIRCRAFT MAINTENANCE HANGAR	8,270	C
	300	ALERT FORCE FACILITY	1,100	C
NORFOLK VA NAVCAMS LANT	401	SATELLITE TERMINAL AND COMMUNICATION CENTER ADDITIONS	6,550	C
NORFOLK VA NS	638	FIRE ALARM SYSTEM IMPROVEMENTS	340	C
NORFOLK VA COMOSYSLANT	332	SURTASS SUPPORT CENTER	3,250	N
OCEANA VA NAS	179	OPERATIONAL FLIGHT TRAINER BUILDING ADDITION	2,020	N
	718	SQUADRON TRAINING BUILDING ADDITION	5,250	C
PORTSMOUTH VA NH	025	BACHELOR ENLISTED QUARTERS	6,600	C
PORTSMOUTH VA SIMA	320	SHORE INTERMEDIATE MAINTENANCE FACILITY	14,000	C
BANGOR WA COMSUBGRU 9	409	SATELLITE TERMINAL ADDITION	2,050	N
BANGOR WA TRIDENT REFITFA	031	DATA PROCESSING CENTER ADDITION	2,170	N
PUGET SOUND WA NS	103	ADMINISTRATION FACILITY	4,500	C
	081	MESS HALL	2,400	C
	130	UTILITIES AND SITE IMPROVEMENTS	14,890	C
WHIDBEY IS WA NAS	511	FLEET AREA CONTROL AND SURVEILLANCE FACILITY	6,800	N
		OUTSIDE THE UNITED STATES		
BAHRAIN ISLAND ADMINSUPU	800	COMMUNICATION BUILDING ADDITION	1,300	N
GUANTANAMO BAY CUBA NS	088	FAMILY HOUSING	38,400	C
	381	WATERFRONT OPERATIONS BUILDING	2,750	C
GUAM NAVCAMS WESTPAC	234	CLASSIC WIZARD UPGRADE	900	N
	237	FIRE PROTECTION SYSTEM	1,100	C
KEFLAVIK ICELAND NCS	802	COMMUNICATION CENTER	10,600	C
NAPLES ITALY NSA	112	AIR CARGO TERMINAL	4,770	C
	137	UTILITIES SYSTEM UPGRADE	6,500	C
SICILY IT NAVCOMMSTA	407	SATELLITE TERMINAL	2,750	N
SIGONELLA ITALY NAS	220	ENGINE MAINTENANCE SHOP ADDITION	2,300	C
	144	OPERATIONS CONTROL CENTER	9,850	C
ROOSEVELT RDS PR NS	495	SANITARY WASTEWATER SYSTEM UPGRADE	7,660	C
EDZELL SCOTLAND NSGA	063	CLASSIC WIZARD FACILITIES UPGRADE	1,400	N
VARIOUS LOCATIONS	VAR	A&E SERVICES & CONST DESIGN (FAMILY HOUSING)	6,200	N/A
	092	POST ACQUISITION CONSTRUCTION (IMPROVEMENTS)	55,438	N/A
	405	SATELLITE TERMINAL	1,800	N/A
	109	SATELLITE TERMINAL	8,770	N/A
	192	ACCESS ROADS	1,000	N/A
	092	LAND ACQUISITION	45,900	N/A

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
MISSION STATUS INDEX

INSTALLATION/ LOCATION	PROJ. NO.	PROJECT TITLE	COST ($000)	MISSION STATUS
	092	UNSPECIFIED MINOR CONSTRUCTION	12,400	N/A
	VAR	ARCHITECTURAL AND ENGINEERING SERVICES & CONSTRUCTION DESGN	77,200	N/A
	092	HOST NATION INFRASTRUCTURE SUPPORT	2,000	N/A
TOTAL - VARIOUS LOCATIONS			210,708	
TOTAL - CURRENT MISSION			451,432	
TOTAL - NEW MISSION			164,860	
TOTAL - FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM			827,000	

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONTRUCTION PROGRAM

INSTALLATIONS INDEX

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	A	
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MARINE CORPS BASE,	CAMP LEJEUNE, NORTH CAROLINA	183
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MARINE CORPS AIR STATION,	CHERRY POINT, NORTH CAROLINA	187
NAVAL SECURITY GROUP ACTIVITY NORTHWEST,	CHESAPEAKE, VIRGINIA	219
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NAVAL COMMUNICATION STATION,	KEFLAVIK, ICELAND	297
NAVAL SUBMARINE BASE,	KINGS BAY, GEORGIA	113
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NAVAL SUPPORT ACTIVITY.	NAPLES, ITALY	301
NAVAL SUBMARINE BASE.	NEW LONDON, CONNECTICUT	73
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NAVAL AIR STATION.	NORFOLK, VIRGINIA	233
NAVAL COMMUNICATION AREA MASTER STA LANT	NORFOLK, VIRGINIA	239
NAVAL STATION.	NORFOLK, VIRGINIA	243
OCEANOGRAPHIC SYSTEM ATLANTIC.	NORFOLK, VIRGINIA	245
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NAVAL AIR STATION.	OCEANA, VIRGINIA	249
NAVAL TRAINING CENTER.	ORLANDO, FLORIDA	93
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NAVAL COASTAL SYSTEMS CENTER.	PANAMA CITY, FLORIDA	103
MARINE CORPS RECRUIT DEPOT.	PARRIS ISLAND, SOUTH CAROLINA	211
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NAVAL INACTIVE SHIP MAINTENANCE FACILITY.	PEARL HARBOR, HAWAII	129
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NAVAL INACTIVE SHIP MAINTENANCE FACILITY.	PHILADELPHIA, PENNSYLVANIA	199
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MILITARY CONSTRUCTION, NAVY

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [$1,132,606,000] $657,800,000, to remain available until September 30, [1995] 1996: Provided, that of this amount, not to exceed [$74,451,000] $77,200,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

Military Construction, Navy
Program and Financing (in Thousands of dollars) SUMMARY

Identification code 17-1205-0-1-051		Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			
		1990 actual	1991 est.	1992 est.	1993 est.
	Program by activities:				
	Direct program:				
00.0101	Major construction	1,043,060	1,040,827	567,200	87,800
00.0201	Minor construction	14,000	13,311	12,400	577,400
00.0301	Planning	90,000	74,451	77,200	79,900
00.0401	Supporting activities	5,810	4,017	1,000	
00.9101	Total direct program	1,152,870	1,132,606	657,800	745,100
01.0101	Reimbursable program	212,288	300,000	310,800	321,056
10.0001	Total	1,365,158	1,432,606	968,600	1,066,156
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-186,631	-204,800	-215,600	-225,856
14.0001	Non-Federal sources(-)	-25,657	-95,200	-95,200	-95,200
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans	-10,000	-6,200		
21.4009	Reprograming from/to prior year budget plans	-11,114			
22.4001	Unobligated balance transferred to other accounts	-12,780			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans				
24.4003	Available to finance subsequent year budget plans	6,200			
25.0001	Unobligated balance lapsing	874			
39.0001	Budget authority	1,126,050	1,126,406	657,800	745,100
	Budget authority:				
40.0001	Appropriation	1,139,250	1,132,606	657,800	745,100
40.3501	Appropriation rescinded (-)	-10,650			
40.3601	Appropriation rescinded (unob bal)	-10,000	-6,200		
41.0001	Transferred to other accounts (-)	-1,500			
42.0001	Transferred from other accounts	8,950			
43.0001	Appropriation (adjusted)	1,126,050	1,126,406	657,800	745,100
	Relation of obligations to outlays:				
71.0001	Obligations incurred, net				
72.4001	Obligated balance, start of year				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
78.0001	Adjustments in unexpired accounts				
90.0001	Outlays				

Military Construction, Navy

Program and Financing (in Thousands of dollars) SUMMARY

Identification code 17-1205-0-1-051		Obligations			
		1990 actual	1991 est.	1992 est.	1993 est.
	Program by activities:				
	Direct program:				
00.0101	Major construction	553,502	791,529	1,330,973	307,865
00.0201	Minor construction	11,750	14,280	12,225	520,996
00.0301	Planning	98,318	73,371	78,103	79,966
00.0401	Supporting activities	4,971	5,249	1,371	230
00.9101	Total direct program	668,541	884,429	1,422,672	909,057
01.0101	Reimbursable program	244,426	300,000	310,800	321,056
10.0001	Total	912,967	1,184,429	1,733,472	1,230,113
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-211,849	-204,800	-215,600	-225,856
14.0001	Non-Federal sources(-)	-18,193	-95,200	-95,200	-95,200
17.0001	Recovery of prior year obligations	-9,996			
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-430,374	-899,201	-1,147,378	-382,506
21.4003	Available to finance new budget plans	-10,000	-6,200		
21.4009	Reprograming from/to prior year budget plans				
22.4001	Unobligated balance transferred to other accounts	-12,780			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	899,201	1,147,378	382,506	218,549
24.4003	Available to finance subsequent year budget plans	6,200			
25.0001	Unobligated balance lapsing	874			
39.0001	Budget authority	1,126,050	1,126,406	657,800	745,100
	Budget authority:				
40.0001	Appropriation	1,139,250	1,132,606	657,800	745,100
40.3501	Appropriation rescinded (-)	-10,650			
40.3601	Appropriation rescinded (unob bal)	-10,000	-6,200		
41.0001	Transferred to other accounts (-)	-1,500			
42.0001	Transferred from other accounts	8,950			
43.0001	Appropriation (adjusted)	1,126,050	1,126,406	657,800	745,100
	Relation of obligations to outlays:				
71.0001	Obligations incurred, net	682,925	884,429	1,422,672	909,057
72.4001	Obligated balance, start of year	1,553,719	847,041	591,819	928,132
74.4001	Obligated balance, end of year	-847,041	-591,819	-928,132	-987,149
77.0001	Adjustments in expired accounts (net)	-3,414			
78.0001	Adjustments in unexpired accounts	-9,996			
90.0001	Outlays	1,376,193	1,139,651	1,086,359	850,040

Military Construction, Navy
Object Classification (in Thousands of dollars) SUMMARY

Identification code 17-1205-0-1-051		1990 actual	1991 est.	1992 est.	1993 est.
	Direct obligations:				
	Personnel compensation:				
111.101	Full-time permanent	88,377	82,966	78,589	76,575
111.301	Other than full-time permanent	3,267	2,407	2,257	2,185
111.501	Other personnel compensation	3,009	3,024	2,763	2,635
111.901	Total personnel compensation	94,653	88,397	83,609	81,395
112.101	Personnel Benefits: Civilian personnel	19,116	17,436	16,469	16,858
113.001	Benefits for former personnel	198			
121.001	Travel and transportation of persons	4,388	4,471	4,245	4,178
122.001	Transportation of things	1,186	2,277	2,049	1,844
123.201	Rental payments to others	5,757	5,256	5,260	5,275
124.001	Printing and reproduction	2,832	1,238	1,114	1,003
	Other services:				
125.001	Payments to foreign national indirect hire personnel	2,002	2,024	2,103	2,182
125.003	Contracts	36,140	24,524	22,072	19,864
126.001	Supplies and materials	2,803	1,955	1,760	1,584
131.001	Equipment	3,826	1,536	1,382	1,244
132.001	Land and structures	490,670	730,066	1,281,238	772,500
199.001	Total Direct obligations	663,571	879,180	1,421,301	907,927
	Reimbursable obligations:				
	Personnel Compensation:				
211.101	Full-time permanent	27,048	26,573	23,847	22,841
211.301	Other than full-time permanent	936	785	736	707
211.501	Other personnel compensation	947	1,157	1,084	1,045
211.901	Total personnel compensation	28,931	28,515	25,667	24,593
212.101	Personnel Benefits: Civilian Personnel	6,033	9,285	10,071	10,092
221.001	Travel and transportation of persons	2,202	2,522	2,367	2,298
222.001	Transportation of things	24	28	27	27
223.201	Rental payments to others	554	116	117	118
224.001	Printing and reproduction	809	2,800	2,520	2,268
	Other services:				
225.003	Contracts	1,417	1,020	1,020	1,020
226.001	Supplies and materials	211	60	60	60
231.001	Equipment	611	100	100	100
232.001	Land and structures	203,634	255,554	268,851	280,480
299.001	Total Reimbursable obligations	244,426	300,000	310,800	321,056
	Allocation Accounts				
	Personnel compensation:				
311.101	Full-time permanent	24	26	26	26
311.301	Other than full-time permanent	11	11	11	11
311.501	Other personnel compensation	5	5	5	5
311.901	Total personnel compensation	40	42	42	42

Military Construction, Navy
Object Classification (in Thousands of dollars) SUMMARY

Identification code 17-1205-0-1-051		1990 actual	1991 est.	1992 est.	1993 est.
312.101	Personnel benefits: Civilian personnel	4	4	4	4
321.001	Travel and transportation of persons	24	24	24	24
322.001	Transportation of things	12	12	12	12
	Other services:				
325.004	Other	125	125	125	125
326.001	Supplies and materials	4	4	4	4
332.001	Land and structures	4,761	5,038	1,160	919
399.001	Total Allocation Accounts	4,970	5,249	1,371	1,130
999.901	Total obligations	912,967	1,184,429	1,733,472	1,230,113
	Obligations are distributed as follows:				
	Defense-Military:Navy	907,997	1,179,180	1,732,101	1,228,983
	Department of Transportation	4,970	5,249	1,371	1,130
	Total Obligations	912,967	1,184,429	1,733,472	1,230,113

Military Construction, Navy
(Rescission Proposal)
Program and Financing (in Thousands of dollars) SUMMARY

Identification code 17-1205-5-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)			
	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:				
10.0001 Total		-37,000		
Financing:				
Unobligated balance available, start of year:				
21.4002 For completion of prior year budget plans				
Unobligated balance available, end of year:				
24.4002 For completion of prior year budget plans				
40.3001 Budget authority (Appropriation rescission p		-37,000		
Relation of obligations to outlays:				
71.0001 Obligations incurred, net				
72.4001 Obligated balance, start of year				
74.4001 Obligated balance, end of year				
90.0001 Outlays				

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION PROGRAM

SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT
The military construction projects in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at Naval and Marine Corps installations 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 Nos. 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 DD Form 1391.

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

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

ECONOMIC ANALYSIS
Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a primary economic analysis was prepared and the results indicated on the DD Form 1391.

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

CONGRESSIONAL REPORT REQUIREMENTS

a. NSY Mare Island, Vallejo, CA. Navy is directed to expedite design for the following projects:

Naval Electronics Engineering Center, P-296
Marine Corps Bachelor Enlisted Quarters, P-076
Entrance Road Realignment, P-287
Computer Building, P-295
Hazardous/Flammable Storage Building, P-282

P-296 and P-282 are unprogrammed. P-076 and P-295 are programmed for FY 1994. Project 287 on page 71 is in response to the HAC requirement contained on page 13 of the HAC Report 101-608, dated July 19, 1990.

b. NAS Keflavik, Iceland, Communication Center. Navy is directed to pursue funding under Fiscal Year 1990 authority to complete project. CASC Report 101-922, dated October 23, 1990, page 687. NAVFAC to pursue

SPECIAL PROGRAM CONSIDERATIONS

reprogramming to complete remaining antenna work.

c. Camp Covington, Guam, Messhall. Navy is directed to execute this project in a timely manner. CAC Report 101-888, dated October 16, 1990, page 8. Design complete. Waiver not being pursued.

d. MCAS Iwakuni, Japan, Hangar Conversion. Navy directed to seek Japanese Facilities Improvement Program (JFIP) funds for this project. HAC Report 101-608, dated July 19, 1990, page 14. CMC investigating JFIP funding.

e. NESEA, St. Inigoes, MD, Sanitary Wastewater System. Navy directed to include this project in FY 1992 budget request. Page 337 is in response to the SAC Committee requirement contained on page 17 of the SAC Report 101-410, dated August 1, 1990.

f. Green Bank, WV, Various Facilities. Navy is directed to proceed with design of Radio Telescope Facility and Master Clock Facility and include projects in the FY 1992 budget request. SAC Report 101-410, dated August 1, 1990, page 17. MILCON requirement being determined.

NON-MILCON CONSTRUCTION

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

a. Operation and Maintenance, Navy
   Minor Construction, $58,286,000
b. Operation and Maintenance, Marine Corps
   Minor Construction, $26,589,000
c. Aircraft Procurement, Navy, $22,900,000

RESOLUTION TRUST CORPORATION

Following guidance provided in the Senate Armed Services Committee Report No. 101-384 on the National Defense Authorization Act for FY 1991, a review was accomplished with the results that the requirements of the projects contained in this budget request could not be more economically met through the purchase of assets of the Resolution Trust Corporation or any similar entity.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL SECURITY GROUP ACTIVITY, ADAK, ALASKA	NAVAL SECURITY GROUP COMMAND	2.93

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	22	564	14	0	0	0	0	0	0	600
b. END FY 1996	22	600	14	0	0	0	0	0	0	636

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(8,820)	
b. INVENTORY TOTAL AS OF 30 SEP 90		67,680
c. AUTHORIZATION NOT YET IN INVENTORY		3,000
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		12,700
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		17,000
h. **GRAND TOTAL**		100,380

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BACHELOR ENLISTED QUARTERS	23,000	SF	9,100	06/90	11/91
143.80	CLASSIC WIZARD FAC ADDN	8,200	SF	3,600	05/90	10/91
	TOTAL			12,700		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
This activity is part of the worldwide telecommunications system providing tactical ship-to-shore and point-to-point communications for the Navy Defense Communications Systems and Naval Security Group operations.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GROUP ACTIVITY, ADAK, ALASKA	BACHELOR ENLISTED QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0305896N	721.11	P-069	9,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS	SF	23,000	-	5,670
BUILDING	SF	23,000	229.00	(5,270)
ARCTIC CORRIDOR	LS	-	-	(400)
SUPPORTING FACILITIES	-	-	-	2,460
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(110)
ELECTRICAL UTILITIES	LS	-	-	(930)
MECHANICAL UTILITIES	LS	-	-	(180)
PAVING AND SITE IMPROVEMENT	LS	-	-	(500)
DEMOLITION	LS	-	-	(740)
SUBTOTAL	-	-	-	8,130
CONTINGENCY (5.0%)	-	-	-	410
TOTAL CONTRACT COST	-	-	-	8,540
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	560
TOTAL REQUEST	-	-	-	9,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three-story wood frame building, pile foundation, concrete slab, wood frame modules, preformed metal roofing and siding with precast concrete wainscot, upgrade primary electrical distribution system, new transformer and switchgear, fire protection system, heating and mechanical ventilation, utilities; 30 two-bedroom modules with private bathrooms, lounge areas, laundry, vending and storage areas; demolition of one building, asbestos removal, removal of two underground fuel tanks and contaminated soil. Grade mix: 56 E1-E4; 32 E5-E6. Total: 88.

11. REQUIREMENT: 357 PN ADEQUATE: 0 PN SUBSTANDARD: (257) PN

PROJECT:
Provides adequate billeting for 88 enlisted personnel. (New mission.)

REQUIREMENT:
Adequate housing for 357 enlisted personnel assigned to the station.

CURRENT SITUATION:
Existing berthing capacity of 257 spaces, consisting of 257 substandard spaces requiring modernization, are insufficient, resulting in overcrowding. Because of Adak's extreme isolation, there are no civilian facilities which can be utilized to assist in minimizing the requirements of this project. A new construction deficiency of 100 adequate billeting spaces exists. After construction of this project, the remaining projected space deficit will be satisfied by a follow-on project.

IMPACT IF NOT PROVIDED:
Overcrowding of adequate facilities will continue, with personnel berthed in facilities below the minimum standards of adequacy, to the detriment of morale and career retention efforts.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP ACTIVITY, ADAK, ALASKA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS	P-069

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(420)
(B) ALL OTHER DESIGN COSTS	(700)
(C) TOTAL	1,120
(D) CONTRACT	(920)
(E) IN-HOUSE	(200)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GROUP ACTIVITY, ADAK, ALASKA	CLASSIC WIZARD FACILITY ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0304114N N F I P	143.80	P-076	3,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
OCEAN SURVEILLANCE BUILDING ADDITION	SF	8,200	-	2,650
BUILDING ADDITION	SF	8,200	308.00	(2,530)
BUILT-IN EQUIPMENT	LS	-	-	(120)
SUPPORTING FACILITIES	-	-	-	570
UTILITIES	LS	-	-	(280)
PAVING AND SITE IMPROVEMENT	LS	-	-	(290)
SUBTOTAL	-	-	-	3,220
CONTINGENCY (5.0%)	-	-	-	160
TOTAL CONTRACT COST	-	-	-	3,380
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	220
TOTAL REQUEST	-	-	-	3,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel framed, precast concrete tilt-up panel building addition to match existing, concrete foundation and floor, metal roof, design for seismic zone 4, computer flooring, shielding, sound cover system, grounding system, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 33,200 SF ADEQUATE: 25,000 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an addition to the Classic Wizard facility. (New mission.)

REQUIREMENT:
Space to house new mission essential electronic systems and personnel in support of the Classic Wizard mission. Advances in communications technology and an increased demand for communications support dictate the need for additional space.

CURRENT SITUATION:
The existing facility does not have the capacity to support additional modern electronic equipment and support personnel in a sensitive compartmented information facility (SCIF) environment.

IMPACT IF NOT PROVIDED:
This activity will not be able to accommodate new equipment or support personnel to meet an expanding mission.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	45
(C)	DATE DESIGN 35% COMPLETE	10-90

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP ACTIVITY, ADAK, ALASKA

4. PROJECT TITLE	5. PROJECT NUMBER
CLASSIC WIZARD FACILITY ADDITION	P-076

12. SUPPLEMENTAL DATA: (CONTINUED)

(D) DATE DESIGN COMPLETE 10-91

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (171)
(B) ALL OTHER DESIGN COSTS . . . . . (121)
(C) TOTAL. 292
(D) CONTRACT . . . . . (281)
(E) IN-HOUSE . . . . . (11)

(4) CONSTRUCTION START. 12-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
FLEET SURVEILLANCE SUPPORT COMMAND, AMCHITKA ISLAND, ALASKA	CHIEF OF NAVAL OPERATIONS	3.98

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	7	34	2	0	0	0	0	0	72	115
b. END FY 1996	15	135	2	0	0	0	0	0	210	362

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(37,653)	
b. INVENTORY TOTAL AS OF 30 SEP 90		76,380
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		7,200
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		31,000
h. **GRAND TOTAL**		114,580

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
151.60	SUPPLY PIER	LS	7,200	08/90	07/91
	TOTAL		7,200		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Surveillance, early warning, and target identification. Effective management of air intercept capability.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FLEET SURVEILLANCE SUPPORT COMMAND, AMCHITKA ISLAND, ALASKA	SUPPLY PIER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204577N	151.60	P-924	7,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SUPPLY PIER	LS	-	-	5,910
PIER	LS	-	-	(4,890)
RETAINING WALL	LS	-	-	(710)
DOLPHINS	LS	-	-	(310)
SUPPORTING FACILITIES	-	-	-	560
UTILITIES	LS	-	-	(250)
DEMOLITION	LS	-	-	(310)
SUBTOTAL	-	-	-	6,470
CONTINGENCY (5.0%)	-	-	-	320
TOTAL CONTRACT COST	-	-	-	6,790
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	410
TOTAL REQUEST	-	-	-	7,200
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Concrete piles, pile caps, beams, bents, decking and wood fender system, retaining wall with access, lighting, fire protection system, fuel line, utilities; demolition of existing pier.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Replaces the existing supply pier. (Current mission.)

REQUIREMENT:
A supply pier is required at Amchitka to accommodate berthing for the transfer of material and supplies between barge and shore. This activity supports the Relocatable Over-the-Horizon Radar (ROTHR).

CURRENT SITUATION:
Pier inspection completed on 27 February 1990 discovered structural piles supporting the Amchitka pier are severely eroded and buckled. As a consequence, pier operations are currently limited to a 10-foot wide path and must be inspected prior to each use. In addition, the activity's crane and forklift, which are normally used to offload barges, cannot be used on the pier due to the reduced load-bearing capability. Delays in off-loading due to limited pier use result in additional demurrage cost.

IMPACT IF NOT PROVIDED:
The only pier on Amchitka Island will continue to deteriorate, and complete failure of the pier is imminent. The pier would be closed to all supply operations essential to ROTHR logistics and operational support. Delivery of materials and supplies would require air delivery. The cost of air shipment is prohibitive and large bulk cargo or equipment could not be delivered to this remote island. Failure or delays in delivering equipment and material to support the remote island would severely impair the Fleet's ability to preserve the free use of the sea lanes and carry out joint support agreements for defense in the Pacific.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

FLEET SURVEILLANCE SUPPORT COMMAND, AMCHITKA ISLAND, ALASKA

4. PROJECT TITLE	5. PROJECT NUMBER
SUPPLY PIER	P-924

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	08-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___NO_X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(300)
(B)	ALL OTHER DESIGN COSTS	(270)
(C)	TOTAL	570
(D)	CONTRACT	(530)
(E)	IN-HOUSE	(40)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL SECURITY GROUP SUPPORT DETACHMENT, ANCHORAGE, ALASKA	NAVAL SECURITY GROUP COMMAND	1.69

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	0	0	0	0	0	0	0	0	0	0
b. END FY 1996	2	22	0	0	0	0	0	0	0	24

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	TENANT OF ELMEN AFB
b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	2,600
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	0
g. REMAINING DEFICIENCY	0
h. **GRAND TOTAL**	2,600

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131.56	OPS BLDG CLASSIC OWL	LS	2,600	05/90	10/91
	TOTAL		2,600		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
To support the Classic Owl operation.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GROUP SUPPORT DETACHMENT, ANCHORAGE, ALASKA	OPERATIONS BUILDING CLASSIC OWL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0305896N N F I P	131.56	P-192	2,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
OPERATIONS BUILDING CLASSIC OWL	LS	-	-	1,820
SUPPORTING FACILITIES	-	-	-	500
ELECTRICAL UTILITIES	LS	-	-	(50)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING, SITE IMPROVEMENT, AND DEMOLITION	LS	-	-	(300)
CONTAMINATED SOIL REMOVAL	LS	-	-	(100)
SUBTOTAL	-	-	-	2,320
CONTINGENCY (5.0%)	-	-	-	120
TOTAL CONTRACT COST	-	-	-	2,440
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	160
TOTAL REQUEST	-	-	-	2,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, reinforced concrete foundation and floor slab on grade, cast-in-place reinforced concrete exterior walls, reinforced concrete roof deck with membrane roofing, design for Sensitive Compartmented Information Facility (SCIF), air conditioning, fire protection system, utilities; potable water well, septic system, replace underground fuel storage tank, security fencing, outdoor vehicle wash pad with oil/water separator, access road and parking; demolition of one building, asbestos removal.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Constructs an operations building to sensitive compartmented information facility (SCIF) standards in support of Classic OWL operations. (New mission.)

REQUIREMENT:
Adequate facility to provide operational capability for a new classified mission with initial operating capability (IOC) of September 1992.

CURRENT SITUATION:
Facilities do not exist at this activity to support this new mission.

IMPACT IF NOT PROVIDED:
IOC for this essential new mission with "BRICKBAT" priority cannot be met.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
(A) DATE DESIGN STARTED 05-90

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP SUPPORT DETACHMENT, ANCHORAGE, ALASKA

4. PROJECT TITLE	5. PROJECT NUMBER
OPERATIONS BUILDING CLASSIC OWL	P-192

12. SUPPLEMENTAL DATA: (CONTINUED)

(B) PERCENT COMPLETE AS OF JANUARY 1991 50
(C) DATE DESIGN 35% COMPLETE 11-90
(D) DATE DESIGN COMPLETE 10-91

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___NO_X__
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (40)
(B) ALL OTHER DESIGN COSTS . . . . . (10)
(C) TOTAL 50
(D) CONTRACT . . . . . (0)
(E) IN-HOUSE . . . . . (50)

(4) CONSTRUCTION START 01-92
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL SECURITY GROUP SUPPORT DETACHMENT, SHEMYA, ALASKA	NAVAL SECURITY GROUP COMMAND	3.21

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	0	0	0	0	0	0	0	0	0	0
b. END FY 1996	1	14	0	0	0	0	0	0	0	15

7. INVENTORY DATA ($000)

	TENANT OF AFB
a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	3,140
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	0
g. REMAINING DEFICIENCY	0
h. GRAND TOTAL	3,140

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131.56	OPS BLDG CLASSIC OWL	LS	3,140	05/90	10/91
	TOTAL		3,140		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Support the Classic Owl operation.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GROUP SUPPORT DETACHMENT, SHEMYA, ALASKA	OPERATIONS BUILDING CLASSIC OWL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0305896N N F I P	131.56	P-292	3,140

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
OPERATIONS BUILDING CLASSIC OWL	LS	-	-	2,350
SUPPORTING FACILITIES	-	-	-	460
ELECTRICAL UTILITIES	LS	-	-	(110)
MECHANICAL UTILITIES	LS	-	-	(100)
PAVING AND SITE IMPROVEMENT	LS	-	-	(150)
REMOVAL	LS	-	-	(100)
SUBTOTAL	-	-	-	2,810
CONTINGENCY (5.0%)	-	-	-	140
TOTAL CONTRACT COST	-	-	-	2,950
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	190
TOTAL REQUEST	-	-	-	3,140
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, reinforced concrete foundation and floor slab on grade, pre-cast concrete exterior wall panels, mono-slope steel roof deck with rigid insulation and standing seam aluminum roofing, 14-foot high heavy-duty overhead vehicular doors, underground fuel storage tank, fire protection system, mechanical ventilation, utilities; gravel storage yard, security fencing; demolition of one building, asbestos removal.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Constructs an operations building in support of Classic Owl operations. (New mission.)

REQUIREMENT:
Adequate facility to provide operational capability for a new classified mission with initial operating capability (IOC) of September 1992.

CURRENT SITUATION:
Facilities do not exist at this activity to support this new mission.

IMPACT IF NOT PROVIDED:
IOC for this essential new mission with "BRICKBAT" priority cannot be met.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	11-90

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP SUPPORT DETACHMENT, SHEMYA, ALASKA

4. PROJECT TITLE	5. PROJECT NUMBER
OPERATIONS BUILDING CLASSIC OWL	P-292

12. SUPPLEMENTAL DATA: (CONTINUED)

(D) DATE DESIGN COMPLETE 10-91

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (40)
(B) ALL OTHER DESIGN COSTS . . . . . (10)
(C) TOTAL 50
(D) CONTRACT . . . . . (0)
(E) IN-HOUSE . . . . . (50)

(4) CONSTRUCTION START 01-92
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
AMPHIBIOUS TASK FORCE CAMP PENDLETON, CALIFORNIA	COMMANDER IN CHIEF, PACIFIC FLEET	1.18

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	7	124	0	0	0	0	0	0	0	131
b. END FY 1996	7	124	0	0	0	0	0	0	0	131

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(985)	
b. INVENTORY TOTAL AS OF 30 SEP 90		74,700
c. AUTHORIZATION NOT YET IN INVENTORY		17,490
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		17,750
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		8,800
h. GRAND TOTAL		118,740

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.12	BACHELOR ENLISTED QUARTERS	38,520 SF	5,750	05/90	08/91
213.75	LCAC COMPLEX INCREMENT IV	LS	12,000	09/90	06/91
	TOTAL		17,750		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provides logistic support for commands of the surface forces, amphibious warfare forces, and training commands at Coronado.

Commander Surface Forces, U.S. Pacific Fleet	Landing Ship Flotilla
Commander Amphibious Training Command, Pacific	Amphibious School
Amphibious Construction Battalion	SEAL Teams
Underwater Demolition Teams	Beach Groups and Units

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
AMPHIBIOUS TASK FORCE CAMP PENDLETON, CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	721.12	P-956	5,750

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS	SF	38,520	97.00	3,740
SUPPORTING FACILITIES	-	-	-	1,420
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(400)
UTILITIES	LS	-	-	(680)
PAVING AND SITE IMPROVEMENT	LS	-	-	(340)
SUBTOTAL	-	-	-	5,160
CONTINGENCY (5.0%)	-	-	-	260
TOTAL CONTRACT COST	-	-	-	5,420
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	330
TOTAL REQUEST	-	-	-	5,750
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three-story reinforced concrete frame and masonry building, concrete spread footings, concrete floors, built-up roof over insulation over concrete slab, mechanical ventilation, utilities and parking; boiler and fuel oil storage tank in existing mechanical building; fire protection system, water storage tank; outside playing court; paved mustering and drill area; 48 two-bedroom modules with private bathrooms, lounges, laundry, vending, storage.
Grade mix: 22 E1-E4, 85 E5-E6. Total: 107.

11. REQUIREMENT: 350 PN ADEQUATE: 106 PN SUBSTANDARD: 0 PN

PROJECT:
Provides adequate billeting for 107 enlisted personnel, assigned to Assault Craft Unit 5 (ACU-5) at this activity. (New mission.)
REQUIREMENT:
Adequate housing for 350 ACU-5 enlisted personnel.
CURRENT SITUATION:
Existing adequate berthing capacity of 106 spaces is insufficient. No additional berthing is available at the Landing Craft Air Cushion (LCAC) training site. A new, separate complex to support the LCAC program was started in the mid-1990's. Incremental construction of support facilities has been programmed concurrent with the build-up of the number of craft assigned. A new construction deficiency of 244 spaces exists. After construction of the spaces requested by this project, the remaining projected space deficit will be programmed to match the remaining delivery schedule as additional personnel and LCAC's are brought into the Navy's inventory.
IMPACT IF NOT PROVIDED:
Space will not be available to accommodate personnel assigned to the LCAC complex.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

AMPHIBIOUS TASK FORCE CAMP PENDLETON, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS	P-956

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	08-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES X NO
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(170)
(B)	ALL OTHER DESIGN COSTS	(90)
(C)	TOTAL	260
(D)	CONTRACT	(30)
(E)	IN-HOUSE	(230)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
AMPHIBIOUS TASK FORCE CAMP PENDLETON, CALIFORNIA	LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT IV)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	213.75	P-954	12,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
LANDING CRAFT AIR CUSHION COMPLEX	LS	-	-	8,760
MAINTENANCE BAY	SF	24,620	149.00	(3,670)
MAINTENANCE/WAREHOUSE/DINING EXPANSION	SF	17,690	79.00	(1,400)
SECURITY FORCE HEADQUARTERS	SF	3,200	88.00	(280)
HOT FUEL STATION/FUEL TANK/HALON STORAGE	LS	-	-	(260)
PARKING APRON	SY	78,860	40.00	(3,150)
SUPPORTING FACILITIES	-	-	-	2,020
ENVIRONMENTAL MITIGATION	LS	-	-	(600)
UTILITIES	LS	-	-	(440)
PAVING AND SITE IMPROVEMENT	LS	-	-	(980)
SUBTOTAL	-	-	-	10,780
CONTINGENCY (5.0%)	-	-	-	540
TOTAL CONTRACT COST	-	-	-	11,320
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	680
TOTAL REQUEST	-	-	-	12,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame and masonry high-bay building, metal walls and built-up roof, concrete floor; includes maintenance bay, security force headquarters facility, warehouse expansion, maintenance support building expansion, dining facility expansion, halon storage facility, 250,000-gallon fuel storage tank, hot fuel station, fire protection system, paving, utility improvements.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides the fourth increment of the West Coast Landing Craft Air Cushion (LCAC) facilities at Marine Corps Base, Camp Pendleton. (New mission.)

REQUIREMENT:

Adequate and properly-configured facilities to accommodate and support the incremental procurement of additional LCAC vehicles arriving after 1993. The LCAC is an advanced landing craft that rides on a cushion of air and is capable of delivering personnel and equipment over sea and land. They are high-speed vehicles less restricted by surf and beach conditions and are capable of lifting heavy equipment such as battle tanks across the beach from amphibious well-deck ships lying over-the-horizon. LCAC's are highly complex craft powered by four marine gas turbine engines and require unique maintenance and support facilities not available outside the LCAC complex. There were delays in the initial development of the LCAC causing a delivery slip. However, operational tests and evaluation reports indicate that the LCAC's can now meet mission specifications. Deliveries to the Fleet began in 1986 and continue. There will be 28 craft assigned to the West and East Coasts by the end of 1990. The Navy is requesting funds for 12 more in FY 1992 bringing the total approved to 84. The inventory objective is 107 craft. Ultimate base development is planned to support 53 craft at Camp Pendleton.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

AMPHIBIOUS TASK FORCE CAMP PENDLETON, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT IV)	P-954

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION:

Development of the LCAC complex at Camp Pendleton began in the mid-1980's. The first two increments approved provided maintenance facilities, parking apron, operations and training facilities, and personnel support facilities. The third increment was approved in the FY 1991 budget. This project provides additional facilities to support the growing number of craft planned by 1993. Total facilities cost through FY 1992 is about $50 million. The final project, planned for the mid-1990's, will complete the parking apron and utilities to support the final deliveries. The first "flight" of craft have been delivered and are successfully operating.

IMPACT IF NOT PROVIDED:

The west coast LCAC base at Camp Pendleton will not have the capacity to support the planned number of craft or meet training requirements. The orderly development of the base to support the craft as they are delivered will be disrupted. Maintenance and support functions for the complex craft will be lacking, affecting the operating tempo and readiness of the Assault Craft Unit.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	09-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	35
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES__ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(540)
(B)	ALL OTHER DESIGN COSTS	(353)
(C)	TOTAL	893
(D)	CONTRACT	(813)
(E)	IN-HOUSE	(80)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
MARINE CORPS AIR STATION, CAMP PENDLETON, CALIFORNIA	COMMANDANT OF THE MARINE CORPS	1.18

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	10	100	14	80	70	0	380	2475	6	3*35
b. END FY 1996	10	120	14	80	75	0	384	2675	6	3364

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(411)	
b. INVENTORY TOTAL AS OF 30 SEP 90		54,380
c. AUTHORIZATION NOT YET IN INVENTORY		13,730
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,010
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		11,775
g. REMAINING DEFICIENCY		15,500
h. GRAND TOTAL		97,395

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141.20	ACFT FIRE & RESCUE STA ADD	1,980	SF	650	05/87	05/91
171.35	OPER TRAINER FAC ADDN	7,000	SF	1,360	04/90	05/91
	TOTAL			2,010		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

851.10	ROADS & PARKING	70,000	SY	2,500
133.72	RATCF CENTER	LS		2,200
111.10	RUNWAY OVERRUN IMPVS	44,440	SY	3,000
441.12	AVIATION SUPPLY WAREHOUSE	59,000	SF	4,075

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:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS AIR STATION, CAMP PENDLETON, CALIFORNIA	OPERATIONAL TRAINER FACILITY ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0206496M	171.35	P-605	1,360

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
OPERATIONAL TRAINER FACILITY ADDITION	SF	7,000	130.00	910
SUPPORTING FACILITIES	-	-	-	310
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(90)
UTILITIES, PAVING, SITE IMPROVEMENT	LS	-	-	(220)
SUBTOTAL	-	-	-	1,220
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,280
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,360
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(16,500)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Reinforced concrete and masonry building addition, concrete floor, metal roof, raised computer flooring, sound attenuation, fire protection system, air conditioning, electrical substation, utilities; design to seismic zone 4.

11. REQUIREMENT: 7,000 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs an addition to the attack helicopter (AH-1W) trainer facility to house the UH-1N utility helicopter operational flight trainer. (New mission.)

REQUIREMENT:
Adequate facility to house a UH-1N trainer for training new pilots and aircrew and to maintain the flight proficiency of personnel currently operating these aircraft.

CURRENT SITUATION:
This station does not have a UH-1N utility helicopter trainer, and there are no facilities available to house the one scheduled for delivery in FY 1992.

IMPACT IF NOT PROVIDED:
This station will be unable to provide safe, effective, and less expensive UH-1N training. Cost of training will increase because of additional in-flight training hours required to qualify aircrew in the UH-1N. Also, the safety factor provided by the trainer will not be realized. Costs would be incurred to either cancel the simulator contract or store the training device.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARINE CORPS AIR STATION, CAMP PENDLETON, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
OPERATIONAL TRAINER FACILITY ADDITION	P-605

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	04-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	80
(C) DATE DESIGN 35% COMPLETE	09-90
(D) DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___	NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:		

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(69)
(B) ALL OTHER DESIGN COSTS	(76)
(C) TOTAL	145
(D) CONTRACT	(118)
(E) IN-HOUSE	(27)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
OPERATIONAL TRAINER	APN-7	1991	16,500
		TOTAL	16,500

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	COMMANDANT OF THE MARINE CORPS	1.18

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	192	1365	1413	0	149	0	0	0	0	3119
b. END FY 1996	225	1719	1413	0	118	0	0	0	0	3475

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(186,061)	
b. INVENTORY TOTAL AS OF 30 SEP 90		625,150
c. AUTHORIZATION NOT YET IN INVENTORY		143,316
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		1,460
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		23,100
f. PLANNED IN NEXT THREE PROGRAM YEARS		3[illegible],146
g. REMAINING DEFICIENCY		1[illegible],330
h. GRAND TOTAL		9[illegible],502

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143.45	ARMORY ADDN/MOTR TRAN FAC	4,540	SF	1,460	04/90	05/91
	TOTAL			1,460		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):

813.20	ELEC DISTR SYS UPGRADE	LS		3,360	05/90	01/92
831.10	SEWAGE TREATMNT PLANT MODS	LS		19,740	01/91	09/91
	TOTAL			23,100		

B. MAJOR PLANNED NEXT THREE YEARS:

179.40	AUTOMATED FLD FIRING RANGE	LS		1,471
421.48	AMMO SEG HOLD FAC	1,400	SF	1,190
143.41	AMPHIBIOUS OPS COMPLEX	LS		1,500

10. MISSION OR MAJOR FUNCTIONS:

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

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	19,710
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	ARMORY ADDITION AND MOTOR TRANSPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0206496M	143.45	P-522	1,460

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ARMOR ADDITION AND MOTOR TRANSPORT FACILITY	SF	4,540	-	560
ARMORY ADDITION	SF	1,730	120.00	(210)
MOTOR TRANSPORT FACILITY	SF	2,810	125.00	(350)
SUPPORTING FACILITIES	-	-	-	750
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(120)
ELECTRICAL UTILITIES	LS	-	-	(120)
MECHANICAL UTILITIES	LS	-	-	(110)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(400)
SUBTOTAL	-	-	-	1,310
CONTINGENCY (5.0%)	-	-	-	70
TOTAL CONTRACT COST	-	-	-	1,380
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,460
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Single-story concrete and masonry motor transport facility for 140 vehicles, three-bay garage, offices and head, paving, fencing, lighting and utility connections; single-story concrete and masonry addition to the armory, issue ports, relocation of security fence, paving and canopied cleaning areas with lights; alterations to existing head; fire protection system, utilities, engineered fill.

11. REQUIREMENT: 14,100 SF ADEQUATE: 9,560 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs a motor transport facility and an addition to an existing armory for the School of Infantry. (New mission.)

REQUIREMENT:

Support the Marine Combat Training phase of Marine Battle Skills Training (MBST) by accommodating 2,150 individual M-16s, 250 crew-served weapons, 350 night vision devices and an assortment of mortars, grenade launchers and machine guns. Provide a motor transport maintenance facility for 120 pieces of equipment used primarily to support this phase of training.

CURRENT SITUATION:

The number of weapons required to effectively support the Marine Combat Training Phase of MBST exceeds the capabilities of the existing armory at the School of Infantry (SOI) thereby necessitating the use of five temporary interim shelters. This shortfall requires extraordinary means to maintain, repair and securely store the necessary weapons. The motor transport funtion is now scattered in various World War II quonset huts. Currently, much of the maintenance must be performed outdoors.

IMPACT IF NOT PROVIDED:

Weapons cannot be accommodated and will have to be stored in temporary shelters and stacked in inadequate space in the armory, compromising security and complicating inventory, issue, control and maintenance of the weapons. Motor transport operations will remain fragmented. Maintenance will have to be accomplished outdoors, exposing equipment and personnel to the elements. Safety and reliability of equipment will be

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
ARMORY ADDITION AND MOTOR TRANSPORT FACILITY	P-522

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED: (CONTINUED)
jeopardized. Motor transport parking will remain dispersed to unimproved, unsecured areas.

ADDITIONAL:
An economic analysis was conducted comparing the proposed project with building a complete new armory and providing 24-hour guards on the vehicles. The proposed project provides 93 percent more benefits per $1000 annual cost.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
- (A) DATE DESIGN STARTED 04-90
- (B) PERCENT COMPLETE AS OF JANUARY 1991 80
- (C) DATE DESIGN 35% COMPLETE 09-90
- (D) DATE DESIGN COMPLETE 05-91

(2) BASIS:
- (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO X
- (B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
- (A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (69)
- (B) ALL OTHER DESIGN COSTS . . . . . (72)
- (C) TOTAL 141
- (D) CONTRACT . . . . . (116)
- (E) IN-HOUSE . . . . . (25)

(4) CONSTRUCTION START . . . . . 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AMPHIBIOUS BASE, CORONADO, CALIFORNIA	CHIEF OF NAVAL EDUCATION AND TRAINING	1.16

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	274	1181	195	30	247	0	31	255	0	2213
b. END FY 1996	312	1257	201	123	673	0	60	1025	0	3651

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(985)	
b. INVENTORY TOTAL AS OF 30 SEP 90		74,700
c. AUTHORIZATION NOT YET IN INVENTORY		8,640
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		1,600
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		61,850
h. GRAND TOTAL		146,790

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
155.20	SMALL CRAFT BERTHING PIER	920 FB	1,600	08/90	06/91
	TOTAL		1,600		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provides logistic support for commands of the surface forces, amphibious warfare forces, and training commands at Coronado.

Commander Surface Forces, U.S. Pacific Fleet	Landing Ship Flotilla
Commander Amphibious Training Command, Pacific	Amphibious School
Amphibious Construction Battalion	SEAL Teams
Underwater Demolition Teams	Beach Groups and Units

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AMPHIBIOUS BASE, CORONADO, CALIFORNIA	SMALL CRAFT BERTHING PIER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	155.20	P-187	1,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SMALL CRAFT BERTHING PIER	FB	920	990.00	910
SUPPORTING FACILITIES	-	-	-	530
UTILITIES	LS	-	-	(530)
SUBTOTAL	-	-	-	1,440
CONTINGENCY (5.0%)	-	-	-	70
TOTAL CONTRACT COST	-	-	-	1,510
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	90
TOTAL REQUEST	-	-	-	1,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Reinforced concrete pier with cast-in-place reinforced concrete deck and pile caps on precast piles and deck panels; wood pile fendering system; electrical and fire protection utility services.

11. REQUIREMENT: 920 FB ADEQUATE: 0 FB SUBSTANDARD: 0 FB

PROJECT:

Project provides berthing and maintenance facilities for Maritime prepositioning barge and ferry craft. (New mission.)

REQUIREMENT:

Pier to support eighteen causeway Barge and Ferry training craft. The strategic sealift, maritime prepositioning shipping system achieves the DoD objective of a time-phased sealift capability in balance with the Marine Corps and Army logistics program to support contingency amphibious and logistic prepositioning operations. The causeway barge and ferry craft is the means of transporting amphibious or maritime prepositioned logistics materiel to support contingency operations ashore where shore-based logistics support sources are not available. The Amphibious School at Coronado is responsible for training sailors to operate and maintain the craft. Five of the craft have on-board propulsion systems, the others do not. They are large and difficult to maneuver and extensive operator training is required to ensure safe operation. The barges are used for transport of the Container Offload and Discharge System (COLDS), a modern containerized method of moving materiel ashore. Projects which support the strategic sealift program take on added importance as arms negotiations begin reducing the oversea presence of U.S. forces. The ability to resupply overseas locations through sealift assets will be critical if the U.S. must return to support allies in a contingency. Trained sealift specialists are vital to the timely off-load of materiel.

CURRENT SITUATION:

The causeway craft are currently berthed at the regular berthing piers which are better suited for amphibious assault craft, special warfare

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AMPHIBIOUS BASE, CORONADO, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
SMALL CRAFT BERTHING PIER	P-187

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)

craft, and patrol boats. Pier space is becoming more in demand as the Special Operations Command acquires additional Special Warfare craft. These craft are displacing the barges and causeways. Some of the causeways are now moored in the bay making them much less accessible for training. The craft are large (90' by 21') and difficult to move from berth to berth and mooring point to shore. Also, they present a hazard to navigation when moored in the bay. Considerable recreational and commercial boating and shipping activities move through the bay adjacent to the base. This project is part of a construction program to move the Amphibious School waterfront operations from the middle of the operational waterfront activities to a separate area.

IMPACT IF NOT PROVIDED:

The strategic sealift program causeway training and maintenance function will continue to be restricted. Training craft will be berthed in the center of operational activities. Causeway craft will be berthed in the bay causing access problems, presenting hazards to navigation, and in an area where no physical security can be provided.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	08-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(82)
(B)	ALL OTHER DESIGN COSTS	(130)
(C)	TOTAL	212
(D)	CONTRACT	(188)
(E)	IN-HOUSE	(24)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AIR STATION, MIRAMAR, CALIFORNIA	COMMANDER IN CHIEF, PACIFIC FLEET	1.16

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	891	5707	1935	81	271	0	125	183	0	9193
b. END FY 1996	901	5890	1935	97	271	0	135	215	0	9444

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(23,606)	
b. INVENTORY TOTAL AS OF 30 SEP 90		219,230
c. AUTHORIZATION NOT YET IN INVENTORY		9,010
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		3,250
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		8,050
g. REMAINING DEFICIENCY		46,650
h. **GRAND TOTAL**		286,190

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171.20	CASS TRAINING BUILDING ADD	14,420	SF	2,000	08/89	07/91
211.05	MAINT HANGAR ALTERATIONS	LS		1,250	06/90	05/91
	TOTAL			3,250		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

171.10	CAEWWS ACADEMIC FACILITY	8,000	SF	1,400
721.11	BACHELOR ENLISTED QUARTERS	LS		2,950
721.11	BEQ/MESS HALL MODERN	LS		3,700

10. MISSION OR MAJOR FUNCTIONS:

Maintain and operate facilities and provide services and materials to support operations of aviation activities of the Pacific Fleet. Homeport of west coast fleet fighter squadrons.

Three Replacement Training Squadron
Four Naval Air Reserve Squadrons
Four Airborne Early Warning (E-28) Squadrons
Ten Fleet Fighter Squadrons
Fighter Weapons School
Reserve Center

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	1,700
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, MIRAMAR, CALIFORNIA	CASS TRAINING BUILDING ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	171.20	P-350	2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CASS TRAINING BUILDING ADDITION	SF	14,420	96.00	1,380
SUPPORTING FACILITIES	-	-	-	420
UTILITIES, PAVING AND SITE IMPROVEMENT	LS	-	-	(420)
SUBTOTAL	-	-	-	1,800
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,890
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	110
TOTAL REQUEST	-	-	-	2,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(30,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete building addition, spread footings, concrete floor, built-up roof on insulation over metal decking, two 3-ton monorails, helium-nitrogen system, filtered air system, air conditioning, 400 HZ power, hydraulic systems, fire sprinkler system, utilities, energy monitoring and control system; design to seismic zone 4.

11. REQUIREMENT: 14,420 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides an addition to house the Consolidated Automated Support System (CASS) equipment, classrooms, and support spaces. (New mission.)

REQUIREMENT:

Adequate and properly-configured facilities to accommodate CASS, which will provide the Navy's electronic testing capability at the intermediate and depot levels of maintenance into the twenty-first century. CASS is an outgrowth of the automatic test equipment (ATE) system technology designed to provide support to Naval aircraft avionics systems and to electronic systems on Naval ships. ATE's have evolved into unique test-boxes for each avionics and electronics package used, resulting in a need for 90 or more major pieces of ATE at each of the intermediate maintenance activities (IMA) and on aircraft carriers. This many units are expensive to maintain and require large areas for storage, operation, and intense sailor training. CASS will be a collection of common assets that can be configured and reconfigured to each specific avionics and electronics package. It will use a common test display for all testing, thus allowing the maintenance person to test a wide variety of packages. CASS will eventually reduce the amount of space required for test equipment by as much as 50% at shore activities and on-board ship. This is particularly important on ships where space allocation is of great importance. For example, on an aircraft carrier CASS will allow a reduction of avionics maintenance personnel from 250 to 150; training courses from 185 to 5; test equipment types from 95 to 5; facility space from 15,000 SF to 10,000 SF; line item spares from 30,000 to 3,800; and

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, MIRAMAR, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
CASS TRAINING BUILDING ADDITION	P-350

11. REQUIREMENT: (CONTINUED)

REQUIREMENT: (CONTINUED)

contractor technical personnel from 21 to zero. Initial deployment will be in support of avionics for aircraft at the intermediate and deppt levels of maintenance. In addition, the CASS assets will be configurable to meet testing requirements for all new Navy electronics. The training workload at Miramar will consist of courses lasting from five to fifty days each, training an average of six students per class. Courses will teach the students to set up, test various packages, and maintain the CASS system itself. A student will spend a minimum of five to six months taking a combination of several CASS courses. Once this training is complete, the sailor will be assigned to an IMA either at a major air activity or on-board aviation ships. Miramar will be the first West Coast CASS training site providing CASS operator and maintenance training to meet the needs of Fleet air arm.

CURRENT SITUATION:

No existing training space is available to house and support CASS. Existing training space is being fully utilized and is scheduled to remain in use.

IMPACT IF NOT PROVIDED:

CASS cannot be implemented at this master jet base. The advantages of the CASS system will not be realized.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	08-89
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	01-90
(D)	DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(125)
(B)	ALL OTHER DESIGN COSTS	(93)
(C)	TOTAL	218
(D)	CONTRACT	(173)
(E)	IN-HOUSE	(45)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
CASS TEST STATIONS	APN-7	1991	30,000
		TOTAL	30,000

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, MIRAMAR, CALIFORNIA	MAINTENANCE HANGAR ALTERATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	211.05	P-338	1,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MAINTENANCE HANGAR ALTERATIONS	LS	-	-	1,180
SUBTOTAL	-	-	-	1,180
CONTINGENCY (5.0%)	-	-	-	[illegible]
TOTAL CONTRACT COST	-	-	-	1,[illegible]
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Aircraft hangar building alterations, noise pollution abatement features, forced air ventilation system.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Provide acoustical treatment to two hangars to meet Navy Occupational Safety and Health (NAVOSH) standards. (Current mission.)

REQUIREMENT:
Adequate acoustical environment for aircraft maintenance and administrative support personnel servicing and supporting Carrier Air Groups and other aircraft units at this activity.

CURRENT SITUATION:
Outside the buildings where administrative and support personnel work, jets run-up engines at the end of the runway creating noise levels in excess of 100 dBA. Inside the offices, with the windows closed, noise levels of 85 dBA occur. With the windows open, the noise level reaches 95 dBA in some offices. Personnel are continuously exposed to this jet noise.

IMPACT IF NOT PROVIDED:
Possibility of severe injury or adverse effects on the health of personnel.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
(A) DATE DESIGN STARTED 06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991 45

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, MIRAMAR, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
MAINTENANCE HANGAR ALTERATIONS	P-338

12. SUPPLEMENTAL DATA: (CONTINUED)

(C) DATE DESIGN 35% COMPLETE 11-90
(D) DATE DESIGN COMPLETE 05-91

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (66)
(B) ALL OTHER DESIGN COSTS . . . . . (54)
(C) TOTAL 120
(D) CONTRACT . . . . . (102)
(E) IN-HOUSE . . . . . (18)

(4) CONSTRUCTION START 10-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONST COST INDEX
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIFORNIA	CHIEF OF NAVAL OPERATIONS	1.20

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	106	97	1005	1097	0	30	80	584	568	3567
b. END FY 1996	106	97	1005	1370	0	30	80	584	568	3840

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(625)	
b. INVENTORY TOTAL AS OF 30 SEP 90		64,090
c. AUTHORIZATION NOT YET IN INVENTORY		30,718
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,900
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		30,635
g. REMAINING DEFICIENCY		39,961
h. **GRAND TOTAL**		168,304

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610.10	FIRE PROTECTION SYSTEM	LS	2,900	06/90	10/91
	TOTAL		2,900		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

610.10	ADMIN BUILDING	54,000	SF	6,979
171.10	ACADEMIC BUILDING	LS		8,558
730.10	FIRE STATION	4,600	SF	2,067
724.11	BLDG CONVER & SEISMIC UPGR	LS		7,473
730.83	CHAPEL	14,955	SF	1,449

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

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIFORNIA	FIRE PROTECTION SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	610.10	P-162	2,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FIRE PROTECTION SYSTEM	LS	-	-	2,610
SUBTOTAL	-	-	-	2,610
CONTINGENCY (5.0%)	-	-	-	130
TOTAL CONTRACT COST	-	-	-	2,740
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	160
TOTAL REQUEST	-	-	-	2,900
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Install fire protection system in existing five-story concrete structure; wet pipe sprinkler system, fire alarm system, fire doors, fire water distribution lines.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Provides a fire protection system for the main building of this school. (Current mission.)

REQUIREMENT:
A modern and efficient fire protection system that conforms to National Fire Protection Association (NFPA) standards to protect the health and safety of personnel.

CURRENT SITUATION:
The main building of this school occupies the former Hotel Del Monte. The school moved into the old hotel in 1951 and constructed classroom facilities and laboratories in 1954. This 65-year old structure is used by the school for administration, officers quarters, chapel, clubs, dental clinic and some classrooms. The building has and will continue to retain its original architectural appearance and is on the register of historical structures. Because of its age, the building was constructed without a fire protection system, making the life safety hazard severe. There are numerous blind spaces, open pipe shafts, stairwells and corridors, where people could be trapped. The upper two floors, where officers are billeted, are beyond the reach of fire department ladders. If a fire started on any of the lower or upper floors, smoke would engulf the entire upper floors because of drafts and open stairwells.

IMPACT IF NOT PROVIDED:
Continued use of the building without a fire protection system, creating undue risk to the safety of personnel, as well as the potential loss of the building. Loss of this facility would be a severe setback to the school's academic support program, causing significant delays in the Navy's timetable for highly-qualified officer enrollment, graduation.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL POSTGRADUATE SCHOOL, MONTEREY, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
FIRE PROTECTION SYSTEM	P-162

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
and placement.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	45
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(150)
(B)	ALL OTHER DESIGN COSTS	(125)
(C)	TOTAL	275
(D)	CONTRACT	(245)
(E)	IN-HOUSE	(30)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CALIFORNIA	NAVAL FACILITIES ENGINEERING COMMAND	1.18

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	227	3351	1651	37	504	0	6	306	0	6082
b. END FY 1996	234	3169	1651	72	713	0	5	305	0	6149

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(1,638)	
b. INVENTORY TOTAL AS OF 30 SEP 90		140,160
c. AUTHORIZATION NOT YET IN INVENTORY		10,680
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		17,250
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		10,100
g. REMAINING DEFICIENCY		29,800
h. GRAND TOTAL		207,990

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BACH ENLISTED QTRS (INC I)	65,000	SF	6,880	03/90	10/91
610.10	CBC OPERATIONS FACILITY	73,500	SF	8,300	04/87	10/91
740.74	CHILD DEVELOP CENTER ADDN	15,000	SF	2,070	03/90	11/91
	TOTAL			17,250		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.11	BEQ REPLACEMENT	LS	4,100
219.10	PUBLIC WORKS SHOP COMPLEX	LS	6,000

10. MISSION OR MAJOR FUNCTIONS:

Support the Naval Construction Force, fleet units and assigned organizational units deployed from, or homeported at the center; support mobilization requirements of the Naval Construction Force; store, preserve, and ship advanced base and mobilization stocks.

Naval Construction Regiment
Four Naval Mobile Construction Battalions
Naval Ship Weapon Systems Engineering Station
Navy Civil Engineers Officers School
Naval Construction Training Center
Naval Civil Engineering Laboratory

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	4,900

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CALIFORNIA	BACHELOR ENLISTED QUARTERS (INCREMENT I)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702896N	721.11	P-486	6,880

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS	SF	65,000	85.00	5,530
SUPPORTING FACILITIES	-	-	-	650
ELECTRICAL UTILITIES	LS	-	-	(90)
MECHANICAL UTILITIES	LS	-	-	(160)
PAVING AND SITE IMPROVEMENT	LS	-	-	(200)
DEMOLITION	LS	-	-	(200)
SUBTOTAL	-	-	-	6,180
CONTINGENCY (5.0%)	-	-	-	310
TOTAL CONTRACT COST	-	-	-	6,490
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	390
TOTAL REQUEST	-	-	-	6,880
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three story reinforced concrete and masonry building, concrete foundation and floors, built-up roof, fire protection system, ventilation, utilities; 88 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending. Demolish five buildings.
Grade Mix: 244 E1-E4 30 E5-E6 12 E7-E9 Total 286.

11. REQUIREMENT: 2,269 PN ADEQUATE: 350 PN SUBSTANDARD: (492) PN

PROJECT:
Provides adequate billeting for 286 enlisted personnel. (Current mission.)

REQUIREMENT:
Adequate housing for 2,269 unaccompanied enlisted personnel. These personnel are assigned to the four mobile construction battalions currently homeported at Port Hueneme. While in homeport, specific battalion training requirements dictate students should reside on-station.

CURRENT SITUATION:
Existing berthing capacity of 1,130 spaces, including 492 substandard spaces requiring modernization and accommodations found by 288 personnel in the local community, is insufficient, resulting in overcrowding. A new construction deficiency of 1,139 adequate billeting spaces exists. Since restrictions do not allow all of these 1,139 service members to live off-base with compensation, the current space deficiency is being resolved by loading the rooms with more people than the standards dictate, or the individual Seabee is living off-station and paying for it without compensation. After construction of the spaces requested by this project, the remaining 853 projected space deficit will be satisfied by two follow-on projects. All projected space requirements are re-validated annually by a new survey which updates planning projections.

IMPACT IF NOT PROVIDED:
Adequate living quarters for unaccompanied enlisted personnel will continue to be unavailable, resulting in degradation of morale, training

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS (INCREMENT I)	P-486

11. REQUIREMENT: CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
and career retention efforts.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	03-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(270)
(B)	ALL OTHER DESIGN COSTS	(142)
(C)	TOTAL	412
(D)	CONTRACT	(50)
(E)	IN-HOUSE	(362)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CALIFORNIA	CONSTRUCTION BATTALION CENTER OPERATIONS FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702896N	610.10	P-481	8,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CONSTRUCTION BATTALION CENTER OPERATIONS FAC	SF	73,500	87.00	6,390
SUPPORTING FACILITIES	-	-	-	1,070
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(210)
UTILITIES	LS	-	-	(220)
PAVING AND SITE IMPROVEMENT	LS	-	-	(320)
DEMOLITION	LS	-	-	(320)
SUBTOTAL	-	-	-	7,460
CONTINGENCY (5.0%)	-	-	-	370
TOTAL CONTRACT COST	-	-	-	7,830
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	470
TOTAL REQUEST	-	-	-	8,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One two-story reinforced concrete and masonry building, engineered fill, concrete foundation and floors, built-up roof, fire protection system, ventilation, utilities; demolition of one building.

11. REQUIREMENT: 73,500 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs a logistics support facility essential for operations of the Pacific Naval Construction Force (NCF), other Fleet units, tenant commands and the Naval Facilities Engineering Command (NAVFACENGCOM). (Current mission.)

REQUIREMENT:

An adequate and properly-configured facility to accommodate the operations, logistics and administration for direct support of the NCF, Fleet units, assigned organizational units deployed from or homeported at this center and NAVFACENGCOM. The facility will house financial operations including payroll accounting for over 15,000 civilian employees and invoice payments to construction, service and supply contractors amounting to over $750,000,000 annually.

CURRENT SITUATION:

The existing deteriorated facility was built in 1942 as a semi-permanent barracks. It is structurally, electrically, and mechanically deficient and contains many fire and safety code violations. The building's power system is incapable of supporting the electrical demands of essential equipment. Extensive structural alterations would be required to provide the needed seismic safety and handicapped access. Complete replacement of the heating and ventilation system, the plumbing, lighting and windows is also necessary.

IMPACT IF NOT PROVIDED:

The center will continue to occupy and make costly repairs and alterations to inadequate facilities which are in violation of fire and safety codes. Continued risk of potential loss of life to personnel.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
CONSTRUCTION BATTALION CENTER OPERATIONS FACILITY	P-481

11. REQUIREMENT: (CONTINUED)

ADDITIONAL:

An economic analysis indicates the investment would be amortized in four years, with additional savings continuing to accrue over the economic life of the new facility.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	04-87
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(650)
(B)	ALL OTHER DESIGN COSTS	(155)
(C)	TOTAL	805
(D)	CONTRACT	(772)
(E)	IN-HOUSE	(33)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CALIFORNIA	CHILD DEVELOPMENT CENTER ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702896N	740.74	P-463	2,070

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CHILD DEVELOPMENT CENTER ADDITION	SF	15,000	100.00	1,500
SUPPORTING FACILITIES	-	-	-	360
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(80)
UTILITIES	LS	-	-	(110)
PAVING, SITE IMPROVEMENT, AND DEMOLITION	LS	-	-	(170)
SUBTOTAL	-	-	-	1,860
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,950
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,070
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete and masonry building, concrete foundation and floor, built-up roof, fire protection system, utilities; covered and uncovered fenced play areas; demolition of one building.

11. REQUIREMENT: 23,800 ADEQUATE: 8,800 SF SUBSTANDARD: 0

PROJECT:
Constructs an addition to the child development center. (Current mission.)

REQUIREMENT:
A child development center provides supervised care for infants, pre-school and school age children in a common facility when parents are at work or at times when the family is unable to care for them. The availability of child development facilities is considered necessary because it alleviates many problems incurred by military parents who are single, who both work or who have other special needs. These centers make the quality of service life more appealing to military personnel and their spouses.

CURRENT SITUATION:
Child development services are provided in one very undersized facility and one totally inadequate converted World War II barracks building. The former barracks is constructed of highly combustible materials with central restrooms. In the overcrowded, off-base, child care facilities, priority is given to children residing in the local community, since military families are considered transients. Therefore, many military dependents are being cared for in unlicensed and informal settings. Presently, there are 175 children on a waiting list for child care services.

IMPACT IF NOT PROVIDED:
Child care services will continue in unsatisfactory and inadequate facilities which fail to meet safety requirements. Increasing use of informal, substandard care arrangements and economic hardships for military families with the resulting impact on morale and retention.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL CONSTRUCTION BATTALION CENTER, PORT HUE' 'E, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
CHILD DEVELOPMENT CENTER ADDITION	P-463

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	03-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(110)
(B) ALL OTHER DESIGN COSTS	(84)
(C) TOTAL	194
(D) CONTRACT	(48)
(E) IN-HOUSE	(146)

(4) CONSTRUCTION START: 03-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
FLEET COMBAT TRAINING CENTER PACIFIC, SAN DIEGO, CALIFORNIA	CHIEF OF NAVAL EDUCATION AND TRAINING	1.16

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	164	581	338	49	146	0	8	1	0	1287
b. END FY 1996	164	581	348	56	179	0	8	1	0	1337

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(91)	
b. INVENTORY TOTAL AS OF 30 SEP 90		29,090
c. AUTHORIZATION NOT YET IN INVENTORY		4,110
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		640
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		18,950
h. **GRAND TOTAL**		52,790

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171.20	APPLIED INSTRUCT BLDG ADDN	3,580 SF	640	03/90	11/90
	TOTAL		640		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provide training in the operation and employment of specified tactical combat direction and control systems in naval warfare; support operational commanders in the evaluation, development, and analysis of naval warfare doctrines and tactics.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL STATION, SAN DIEGO, CALIFORNIA	COMMANDER IN CHIEF, PACIFIC FLEET	1.16

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	2133	25121	868	27	367	0	18	62	0	28596
b. END FY 1996	2141	25048	908	27	350	0	21	64	0	28559

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(1,500)	
b. INVENTORY TOTAL AS OF 30 SEP 90		274,250
c. AUTHORIZATION NOT YET IN INVENTORY		10,600
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		3,110
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		193,140
h. **GRAND TOTAL**		481,100

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
722.10	MESS HALL IMPROVEMENTS	33,060 SF	310	03/90	03/91
151.80	SHIP DEMAGNETIZING FAC	LS	2,800	04/90	04/91
	TOTAL		3,110		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provide homeport facilities for approximately 85 warships, amphibious ships, and auxiliaries of the Pacific Fleet. Provide harbor and waterfront facilities, exchange, personnel support, athletic, recreational, berthing, messing, morale, and other logistics facilities.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	36,800
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL STATION, SAN DIEGO, CALIFORNIA	SHIP DEMAGNETIZING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	151.80	P-294	2,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SHIP DEMAGNETIZING FACILITY	LS	-	-	2,380
SUPPORTING FACILITIES	-	-	-	130
UTILITIES, DEMOLITION AND REMOVAL	LS	-	-	(130)
SUBTOTAL	-	-	-	2,510
CONTINGENCY (5.0%)	-	-	-	130
TOTAL CONTRACT COST	-	-	-	2,640
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	160
TOTAL REQUEST	-	-	-	2,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

280-foot long concrete pier on precast concrete piles, trench cover plate, aluminum handrail, mooring bits, non-magnetic components, utilities; demolition and removal of the existing wood pier.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provide a new pier for a deperming (demagnetizing) facility. (Current mission.)

REQUIREMENT:

Safe, adequate mooring and support facilities for ocean mine sweeps and mine countermeasure ships while docked over the electromagnetic deperming cable array. During the course of operations, ships build up a magnetic field which can be detected by certain sensors and could possibly trigger ocean mines. To counteract this compromising natural occurrence, ships must be depermed. This is accomplished by berthing the ship within a looped array of cable through which a counteracting electrical current is transmitted. This removes the magnetic field and renders the ship neutral to sensors and mines capable of detecting the magnetic field. The deperming facility consists of a minimally outfitted pier isolated from other piers and operational activities. The cables are arrayed on the ocean floor under the berth and are looped over the top of the ship. A deperming facility processes an average of 10 to 12 ocean mine sweep (MSO) ships per year. With the introduction of the Avenger-class mine countermeasures ship (MCM) beginning in 1987, the deperming workload has increased to an averag of 20 to 25 ships per year. The MCM is larger than the older mine warfare ships and requires a pier capable of structurally supporting the greater tonnage of the new class ships. This San Diego facility also provides deperming service to ships homeported in Long Beach. Large ship deperming for the Pacific Fleet is performed at Pearl Harbor.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL STATION, SAN DIEGO, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
SHIP DEMAGNETIZING FACILITY	P-294

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION:

The San Diego Deperming Facility is the only one of its kind on the west coast. The existing narrow, wooden pier was constructed in 1954 and because of age and deterioration, continual maintenance is insufficient to maintain its structural integrity. No cold-iron utility capability exists. The pier is four feet wide with a net working area of less than three feet, and was designed to support MSO's which are 400 tons lighter and 45 feet shorter than the follow-on MCM ships. The pier is unable to handle gangways or any major movement of materials, and has no utilities except lighting for the berthed ships. Mooring ships to the pier requires four ropes, with two to three men per rope working on the narrow, restricted work area. To complete the mooring, personnel must climb over the deperming cable, which is an unsafe practice. Conditions are further complicated by the extremely slick deck which is covered with guano and is hazardous to personnel. No clean-up facilities are available on the pier for this purpose. Because of the the inadequate size of the deperming array, ships must be moved several times to get complete keel coverage.

IMPACT IF NOT PROVIDED:

Continued deterioration of the facility until it is incapable of performing its mission. Personnel will continue to be subjected to safety hazards. All ships utilizing the facility will have to be continually shifted over the array for complete keel coverage, reducing the availablity of the ship.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	04-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	80
(C)	DATE DESIGN 35% COMPLETE	08-90
(D)	DATE DESIGN COMPLETE	04-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(118)
(B)	ALL OTHER DESIGN COSTS	(183)
(C)	TOTAL	301
(D)	CONTRACT	(241)
(E)	IN-HOUSE	(60)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA	COMMANDER IN CHIEF, PACIFIC FLEET	1.16

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	48	1024	68	0	0	0	363	3577	0	5080
b. END FY 1996	47	1193	68	0	0	0	363	3577	0	5248

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(314)	
b. INVENTORY TOTAL AS OF 30 SEP 90		72,400
c. AUTHORIZATION NOT YET IN INVENTORY		18,620
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		14,130
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		21,490
g. REMAINING DEFICIENCY		21,450
h. **GRAND TOTAL**		148,090

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN START	STATUS COMPLETE
721.12	BACHELOR ENLISTED QUARTERS	192,060	SF	14,130	12/86	10/88
	TOTAL			14,130		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.12	BACHELOR ENLISTED QUARTERS	82,000	SF	11,200
890.20	COMPRESSED AIR	LS		1,100
842.10	DEMINERAL WTR SYS	LS		900
871.35	SLIDE PREVENTION	LS		6,600
730.83	CHAPEL/REL ED BLDG	9,850	SF	1,690

10. MISSION OR MAJOR FUNCTIONS:

Serves as homeport for operations attack submarines of the Pacific Fleet, providing refit, maintenance, replenishment, training and ordnance support.

Two Submarine Tenders	Commander, Submarine Group Five
Two Submarine Squadrons	Commander, Submarine Development Group One

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA	BACHELOR ENLISTED QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204896N	721.12	P-048	14,130

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS	SF	192,060	-	11,120
BUILDING	SF	106,400	80.00	(8,510)
VEHICLE PARKING GARAGE	SF	85,660	28.00	(2,400)
BUILT-IN EQUIPMENT	LS	-	-	(210)
SUPPORTING FACILITIES	-	-	-	1,570
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(130)
UTILITIES	LS	-	-	(500)
PAVING, SITE IMPROVEMENT, AND DEMOLITION	LS	-	-	(940)
SUBTOTAL	-	-	-	12,690
CONTINGENCY (5.0%)	-	-	-	640
TOTAL CONTRACT COST	-	-	-	13,330
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	800
TOTAL REQUEST	-	-	-	14,130
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Eight-story reinforced concrete and masonry building, pile foundation, concrete floors, built-up roof, fire protection system, elevators, utilities; 140 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment; three-story reinforced concrete parking garage; demolition of one building.
Grade mix: 280 E5-E6. Total: 280.

11. REQUIREMENT: 1,777 PN ADEQUATE: 1,383 PN SUBSTANDARD: 0 PN

PROJECT:
Provides adequate billeting for 280 enlisted personnel. (Current mission.)

REQUIREMENT:
Adequate housing for 1,777 enlisted personnel either assigned to this activity, stationed aboard submarines homeported here, or at tenant commands. Unlike surface ships, submarines are not used for sailor berthing while in port.

CURRENT SITUATION:
Existing adequate berthing capacity of 1,383 spaces, including 1,288 adequate spaces on base ar_ accommodations found by 95 personnel in the local community, is insufficient, resulting in overcrowding. A new construction deficiency of 394 adequate billeting spaces exists. After construction of this project, the remaining projected space deficit, which has increased because of a steady increase in submarine homeporting requirements, will be satisfied by a follow-on project. All projected space requirements are revalidated annually by a new survey, which updates planning projections.

IMPACT IF NOT PROVIDED:
Overcrowding of adequate facilities will continue. Personnel will be berthed in facilities below minimum standards of adequacy or they must seek off-base housing. Because of the shortage of affordable housing in this expensive San Diego area, this housing is sometimes more than 30 miles from the base. This situation adversely affects morale and

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS	P-048

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
retention and makes immediate mobilization difficult.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	12-86
(B)	PERCENT COMPLETE AS OF JANUARY 1991	100
(C)	DATE DESIGN 35% COMPLETE	10-87
(D)	DATE DESIGN COMPLETE	10-88

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES X NO
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(600)
(B)	ALL OTHER DESIGN COSTS	(200)
(C)	TOTAL	800
(D)	CONTRACT	(740)
(E)	IN-HOUSE	(60)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

(There are no pages 65 and 66.)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
MARINE CORPS AIR-GROUND COMBAT CENTER. TWENTYNINE PALMS, CALIFORNIA	COMMANDANT OF THE MARINE CORPS	1.38

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	116	1505	1329	30	1700	0	444	6078	41	11243
b. END FY 1996	241	1323	1312	30	1885	0	562	7409	164	12926

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(595,599)	
b. INVENTORY TOTAL AS OF 30 SEP 90		303,560
c. AUTHORIZATION NOT YET IN INVENTORY		43,965
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		680
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		4,600
f. PLANNED IN NEXT THREE PROGRAM YEARS		10,926
g. REMAINING DEFICIENCY		102,650
h. GRAND TOTAL		466,381

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
179.45	FIRE FIGHTER TRAINING FAC	LS	680	06/89	09/90
	TOTAL		680		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):

844.40	NON-POTABLE WTR SYS IMPVS	LS	4,600	01/91	03/92
	TOTAL		4,600		

B. MAJOR PLANNED NEXT THREE YEARS:

179.30	ANTI-ARMOR AIR TRCKING RGE	LS	2,126	
217.10	COMM/ELEC MAINT FAC	40,000 SF	3,200	
179.40	MULTI-PURP MECH GUN RANGE	LS	1,500	
740.74	CHILD DEVELOPMENT CENTER	25,550 SF	4,100	

10. MISSION OR MAJOR FUNCTIONS:

Provide housing, training facilities, logistical, and administrative support for Fleet Marine Force units and other units assigned. Operate the Communication-Electronics School, and administer and conduct the air-ground training program for combined training of Fleet Marine Force units, both active and reserve.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
MARE ISLAND NAVAL SHIPYARD, VALLEJO, CALIFORNIA	NAVAL SEA SYSTEMS COMMAND	1.34

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	204	1692	9018	32	1038	0	94	823	0	12901
b. END FY 1996	204	1692	9018	32	1038	0	94	823	0	12901

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(5,620)	
b. INVENTORY TOTAL AS OF 30 SEP 90		326,650
c. AUTHORIZATION NOT YET IN INVENTORY		15,450
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		3,570
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		14,100
g. REMAINING DEFICIENCY		178,520
h. GRAND TOTAL		538,290

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
851.10	ROAD REALIGNMENT	LS	3,570	07/90	07/91
	TOTAL		3,570		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

740.74	CHILD DEVELOPMENT CENTER	LS		1,000
610.20	COMPUTER OPERATIONS CENTER	78,750	SF	13,100

10. MISSION OR MAJOR FUNCTIONS:
Maintenance and overhaul of modern submarines, including attack and fleet ballistic missile submarines, and surface ships (except carriers). Logistic support provided includes conversion, overhaul, repair, alterations, and dry docking. This yard also provides support for submarine warfare weapons systems.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARE ISLAND NAVAL SHIPYARD, VALLEJO, CALIFORNIA	ROAD REALIGNMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702228N	851.10	P-287	3,570

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ROAD REALIGNMENT	LS	-	-	2,410
ROAD AND PARKING LOT	LS	-	-	(1,500)
TRAFFIC LANE CONTROL SIGNALS	LS	-	-	(280)
BADGE AND PASS OFFICE AND SENTRY POSTS	LS	-	-	(630)
SUPPORTING FACILITIES	-	-	-	800
UTILITIES	LS	-	-	(390)
PAVING AND SITE IMPROVEMENT	LS	-	-	(410)
SUBTOTAL	-	-	-	3,210
CONTINGENCY (5.0%)	-	-	-	160
TOTAL CONTRACT COST	-	-	-	3,370
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	200
TOTAL REQUEST	-	-	-	3,570
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

3,800 linear feet of asphalt roadway; one-story steel framed, pile-supported, tilt-up concrete badge and pass office with fire protection system, heating and ventilation and utilities, two sentry houses with utilities, canopy and toilet facilities; two electronic signs; four flagpoles; asphalt parking area; security fencing; traffic signals at two base intersections, eight lane control signals, and 25% of the cost of a city traffic signal at the causeway entrance; alterations to existing office space.

11. REQUIREMENT: AS REQUIRED

PROJECT

Provides new on-base roads, pass office, sentry houses, lane control signals and parking lot. (Current mission.)

REQUIREMENT:

Realignment of the causeway access road and new security facilities are required to permit access to and from the shipyard. Also, re-routing of heavy truck traffic from a residential and commercial area of Vallejo to a designated truck route is required. The City of Vallejo will realign the intersection of Mare Island Way, Tennessee Street and the causeway access road to Mare Island in 1991. This realignment will move Mare Island Way inside the existing security facilities rendering them useless. Coincident with the realignment, there is an urgent traffic safety requirement to install lane use control signals over the reversible three lane section of the causeway.

CURRENT SITUATION:

The realignment of Mare Island Way by the City of Vallejo in 1991 will inhibit access to Mare Island over the causeway unless this project is constructed. Traffic safety along the three lane section of the causeway is marginal and Military Traffic Management Command has recommended installation of lane use control signals. Relocation of the pass office to the North Gate entrance will permit re-routing of heavy industrial traffic over an approved truck route vice the causeway and a congested

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARE ISLAND NAVAL SHIPYARD, VALLEJO, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
ROAD REALIGNMENT	P-287

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
area of the City of Vallejo.

IMPACT IF NOT PROVIDED:
Access to the Shipyard over the causeway road will be severely impaired affecting the 4,000 vehicles which use it during peak traffic hours. Safety over the three lane section of the causeway will remain poor. Heavy industrial traffic will continue to come through a congested portion of the city with a high potential for accidents and toxic chemical spills in a built-up area.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	07-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	35
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(150)
(B)	ALL OTHER DESIGN COSTS	(30)
(C)	TOTAL	180
(D)	CONTRACT	(50)
(E)	IN-HOUSE	(130)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT	COMMANDER IN CHIEF, ATLANTIC FLEET	1.21

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	1055	9077	1418	391	2507	0	8	258	0	14714
b. END FY 1996	1144	9821	1477	446	2638	0	8	258	0	15792

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(1,387)	
b. INVENTORY TOTAL AS OF 30 SEP 90		247,530
c. AUTHORIZATION NOT YET IN INVENTORY		63,370
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		5,680
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		45,509
g. REMAINING DEFICIENCY		116,390
h. GRAND TOTAL		478,479

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730.10	FIRE STATION	3,850	SF	770	07/90	03/91
411.10	FUEL TANKS REPLACEMENT	LS		3,650	07/90	05/91
730.84	RELIGIOUS EDUCATION CENTER	7,900	SF	1,260	08/90	05/91
	TOTAL			5,680		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.11	BACHELOR ENLISTED QUARTERS	72,000	SF	6,700
740.74	CHILD DEV CTR ADDITION	LS		2,920
151.20	PIER REPLACEMENT	LS		4,500
219.10	PUBLIC WORKS SHOP	LS		5,250
213.30	SUPPORT FACILITY	LS		1,149

10. MISSION OR MAJOR FUNCTIONS:

Serves as homeport for operational attack submarines of the Atlantic Fleet, providing refit, maintenance, replenishment, training, and ordnance support. Serves as host to other commands located on the base. Training and other support of FBM submarine off-crews.

Submarine Support Facility
Submarine Squadron Two
Submarine Medical Center (Hospital)
Submarine School
Submarine Squadron Ten (State Pier)
Submarine Development Squadron 12
Submarine Medical Research Laboratory
Naval Undersea Medical Institute

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT	FUEL TANKS REPLACEMENT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204896N	411.10	P-415	3,650

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FUEL TANKS REPLACEMENT	LS	-	-	1,290
#2 DIESEL FUEL TANKS	LS	-	-	(480)
FUEL PUMPING STATIONS	LS	-	-	(630)
FUEL FACILITY	SF	1,760	102.00	(180)
SUPPORTING FACILITIES	-	-	-	1,990
UTILITIES	LS	-	-	(650)
PAVING AND SITE IMPROVEMENT	LS	-	-	(370)
DEMOLITION AND REMOVAL	LS	-	-	(970)
SUBTOTAL	-	-	-	3,280
CONTINGENCY (5.0%)	-	-	-	160
TOTAL CONTRACT COST	-	-	-	3,440
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	210
TOTAL REQUEST	-	-	-	3,650
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Replacement of four existing concrete diesel fuel storage tanks and one defueling tank with new cathodically protected double-walled steel tanks, new piping and supporting equipment, modification of existing tank truck loading/unloading facility, and construction of a pre-engineered fuel station; demolition of five tanks, removal of contaminated soil.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides for the replacement of fuel oil storage and defueling facilities. (Current mission.)

REQUIREMENT:

Connecticut underground storage regulations require replacement of all existing concrete No. 2 diesel fuel oil underground storage facilities over 15 years old. Since concrete is no longer considered an acceptable containment for No. 2 fuel oil, replacement with cathodically protected steel tanks is required to meet current regulations.

CURRENT SITUATION:

Existing fuel oil storage facilities are concrete and over 40 years old. They were designed for Navy Special fuel, a residual product that is self sealing and easy to contain. Because of their age and the fact that they are now used to store a lighter product, that is more difficult to contain, they are leaking and a threat to the environment. Leakage is confirmed by the amount of water in-leakage when the tanks are empty.

IMPACT IF NOT PROVIDED:

Since the conformance date has expired, the State of Connecticut will eventually shutdown the No. 2 fuel oil storage operations at this base. This will adversely impair fleet readiness by reducing fueling and defueling capability. This base will be unable to provide for the 90 day fuel storage requirement to meet operational needs in the event of energy supply interruption, another oil embargo or war.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT

4. PROJECT TITLE	5. PROJECT NUMBER
FUEL TANKS REPLACEMENT	P-415

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	85
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(105)
(B) ALL OTHER DESIGN COSTS	(120)
(C) TOTAL	225
(D) CONTRACT	(184)
(E) IN-HOUSE	(41)

(4) CONSTRUCTION START: 10-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT	RELIGIOUS EDUCATION CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204896N	730.84	P-417	1,260

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
RELIGIOUS EDUCATION CENTER	SF	7,900	108.00	850
SUPPORTING FACILITIES	-	-	-	280
UTILITIES AND SITE IMPROVEMENT	LS	-	-	(280)
SUBTOTAL	-	-	-	1,130
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,190
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,260
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story masonry load-bearing-wall building with a corridor connecting to existing chapel/administrative building; concrete foundation and floor, brick veneer exterior walls, built-up roof, fire protection system, air conditioning; fenced playground; paved parking; rock excavation; utilities; alterations to existing administrative building to convert nursery space into a choir room and a library.

11. REQUIREMENT: 7,900 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs a religious education center. (Current mission.)

REQUIREMENT:
Adequate and properly-configured facilities for religious education and support on all issues pertaining to spiritual and moral matters for military personnel and their dependents.

CURRENT SITUATION:
Space for adult and children's religious education is inadequate. During the school year, space in an elementary school is rented for religious education. The school is not available for holidays or summer vacation bible school. The school's location is remote, permanent displays cannot be set up, and there is no place to store training aids or educational material and equipment. Also, the school cannot be used in conjunction with chapel services or programs. The projected minimum usage of this center is approximately 600 people per week for religious instructions and special events. No alternative facilities exist in which to support these programs.

IMPACT IF NOT PROVIDED:
This base cannot offer military personnel and their dependents a complete ministry which develops and strengthens moral character and fosters spiritual growth.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT

4. PROJECT TITLE	5. PROJECT NUMBER
RELIGIOUS EDUCATION CENTER	P-417

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	08-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	60
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(62)
(B) ALL OTHER DESIGN COSTS	(60)
(C) TOTAL	122
(D) CONTRACT	(68)
(E) IN-HOUSE	(54)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. APPR. CONST. COST INDEX
SUBMARINE SUPPORT FACILITY, NEW LONDON, CONNECTICUT	COMMANDER IN CHIEF, ATLANTIC FLEET	1.21

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	290	2705	167	0	0	0	131	356	0	3649
b. END FY 1996	291	2709	75	0	0	0	131	356	0	3562

7. INVENTORY DATA ($000)

TENANT OF NAVSUBBAS

a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	5.800
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	14.850
g. REMAINING DEFICIENCY	9.500
h. GRAND TOTAL	30.150

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
213.30	SUB INTER MAINT FAC MOD	LS	5.800	06/90	05/91
	TOTAL		5.800		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93)
NONE

B. MAJOR PLANNED NEXT THREE YEARS

421.22	HIGH EXPLOSIVE MAGAZINE	LS		2.850
213.70	CONTROL INDUSTRIAL FAC	23.040	SF	12.000

10. MISSION OR MAJOR FUNCTIONS:
Provides direct fleet support to submarines, submarine rescue vessels and assigned service craft including maintenance, repair, and upkeep to improve readiness.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH)	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SUBMARINE SUPPORT FACILITY, NEW LONDON, CONNECTICUT	SUBMARINE INTERMEDIATE MAINT- ENANCE FACILITY MODERNIZATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204996N	213.30	P-394	5,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SUBMARINE INTERMEDIATE MAINTENANCE FAC MODN.	LS	-	-	3,530
BUILDING MODERNIZATION	LS	-	-	(2,650)
BUILDING ADDITIONS	SF	3,500	14.00	(50)
BUILT-IN EQUIPMENT	LS	-	-	(770)
TECHNICAL OPERATING MANUALS	LS	-	-	(60)
SUPPORTING FACILITIES	-	-	-	1,680
ELECTRICAL UTILITIES	LS	-	-	(470)
MECHANICAL UTILITIES	LS	-	-	(510)
PAVING AND SITE IMPROVEMENT	LS	-	-	(540)
REMOVAL	LS	-	-	(160)
SUBTOTAL	-	-	-	5,210
CONTINGENCY (5.0%)	-	-	-	260
TOTAL CONTRACT COST	-	-	-	5,470
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	330
TOTAL REQUEST	-	-	-	5,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modernizes two, two-story steel frame and masonry buildings with concrete floors; one-story steel frame and masonry building addition for hazardous storage, locker, bathroom and work center; bridge cranes, monorails, hoists, zoned air ventilation and removal system, fire protection system, air conditioning, utilities, asbestos removal.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides an addition to and modernization of submarine intermediate maintenance facilities. (New mission.)

REQUIREMENT:

Modernized and expanded intermediate maintenance facilities to accomplish a new maintenance workload. The Submarine Extended Operating Cycle (SEOC) maintenance concept, initiated in the middle 1980's, extends the interval between ship overhauls. This maximizes submarine operational availability by decreasing the time a ship must leave its homeport for maintenance. Revised maintenance policy and procedures associated with SEOC have increased the maintenance workload for the submarines homeported at this facility.

CURRENT SITUATION:

The SEOC concept involves two months of intensive maintenance in addition to routine upkeep maintenance. These maintenance periods, called Selected Restricted Availabilities (SRAs), occur approximately every 28 months for each ship and the work is accomplished at the ship's homeport. SRAs have increased from four per year to seven. Combined SRAs and routine maintenance workload have been force fitted into existing deteriorated facilities. Related functions have been dispersed, resulting in poor shop layout, crowding, safety deficiencies, inefficient operations and reduced productivity.

IMPACT IF NOT PROVIDED:

SRA schedules will not be met and submarine operational availability will be reduced.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

SUBMARINE SUPPORT FACILITY, NEW LONDON, CONNECTICUT

4. PROJECT TITLE	5. PROJECT NUMBER
SUBMARINE INTERMEDIATE MAINT- ENANCE FACILITY MODERNIZATIO	P-394

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	70
(C) DATE DESIGN 35% COMPLETE	09-90
(D) DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(300)
(B) ALL OTHER DESIGN COSTS	(103)
(C) TOTAL	403
(D) CONTRACT	(330)
(E) IN-HOUSE	(73)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
COMMANDANT NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA	CHIEF OF NAVAL OPERATIONS	1.05

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	1248	1923	5838	22	6	0	0	0	0	9037
b. END FY 1996	1187	1717	5839	22	6	0	0	0	0	8771

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(591)	
b. INVENTORY TOTAL AS OF 30 SEP 90		113,920
c. AUTHORIZATION NOT YET IN INVENTORY		38,520
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		5,750
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		20,794
g. REMAINING DEFICIENCY		11,860
h. **GRAND TOTAL**		190,844

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
740.74	CHILD DEVELOPMENT CENTER	23,000	SF	3,700	06/90	04/91
831.41	HAZARDOUS WASTE STORG FAC	17,280	SF	2,050	06/90	04/91
	TOTAL			5,750		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

610.10	ADMINISTRATIVE OFFC MODN	102.000	SF	10,350
740.74	CHILD DEVELOPMENT CENTER	LS		1,552
610.10	TRANSPORTATION SYS BLDG	LS		3,000
610.10	ADMIN BLDG MODERNIZATION	LS		5,892

10. MISSION OR MAJOR FUNCTIONS:

Provide personnel support and logistics for Naval commands in the Washington area, including personnel, administrative, public works, supply, waterfront and harbor services.

Chesapeake Division Naval Facilities Engineering Command
Naval Historical Center
Naval Weapons Engineering Support Activity
Naval Data Automation Command

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMMANDANT NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0901296N	740.74	P-306	3,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CHILD DEVELOPMENT CENTER	SF	23,000	99.00	2,280
SUPPORTING FACILITIES	-	-	-	1,040
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(390)
ELECTRICAL UTILITIES	LS	-	-	(130)
MECHANICAL UTILITIES	LS	-	-	(150)
PAVING AND SITE IMPROVEMENT	LS	-	-	(370)
SUBTOTAL	-	-	-	3,320
CONTINGENCY (5.0%)	-	-	-	170
TOTAL CONTRACT COST	-	-	-	3,490
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	210
TOTAL REQUEST	-	-	-	3,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story masonry load bearing wall building, pile foundation, concrete floor, built-up roof; multi-purpose room, playrooms, kitchen, laundry, administrative areas; storage, mechanical equipment room, outdoor play area; sprinkler fire protection system, air conditioning, utilities.

11. REQUIREMENT: 23,000 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a Child Development Center for 300 infants, toddlers, and pre-school children. (Current mission.)

REQUIREMENT:
Provides quality child development and care facilities for the military population within the Naval District Washington. Child development centers provide supervised care for pre-school children in a common facility on a regularly scheduled or drop-in basis when parents are employed or at times when the family is temporarily unable to care for them. Child development centers are a necessary element in today's volunteer force as their availability alleviates many problems incurred by parents who are single, who both work outside the home or who have other special needs. These centers make the quality of life more appealing to military personnel, and assist the Navy with its fundamental responsibility of maintaining force readiness by retaining trained and effective people in uniform.

CURRENT SITUATION:
The existing child development center at Bellevue Housing is filled to capacity. This center will remain in operation and serve the housing area; however, expansion at this site is not possible. Additional child care services will be located at Naval Annex Anacostia, a site closer to the employment center of the Naval District Washington which includes the Washington Navy Yard and Anacostia. The new center will provide the additional space needed to reduce the backlog of families waiting for openings at the existing center. These families currently utilize expensive private centers which are inconvenient to their workplace and

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

COMMANDANT NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA

4. PROJECT TITLE	5. PROJECT NUMBER
CHILD DEVELOPMENT CENTER	P-306

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
have operating hours not compatible with the work schedules of military personnel.

IMPACT IF NOT PROVIDED:
Deficiencies in the child care and development support for the military population of the Naval District will rise. Existing facilities will continue to operate at capacity with no ability to expand to meet the additional demand for child care services. Hardships on families with working spouses and single parents will result from the need to use expensive, schedule-restrictive private centers.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
- (A) DATE DESIGN STARTED 06-90
- (B) PERCENT COMPLETE AS OF JANUARY 1991 70
- (C) DATE DESIGN 35% COMPLETE 11-90
- (D) DATE DESIGN COMPLETE 04-91

(2) BASIS:
- (A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO X
- (B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
- (A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (179)
- (B) ALL OTHER DESIGN COSTS . . . . . (130)
- (C) TOTAL 309
- (D) CONTRACT . . . . . (291)
- (E) IN-HOUSE . . . . . (18)

(4) CONSTRUCTION START . . . . . 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMMANDANT NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA	HAZARDOUS WASTE STORAGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0901296N	831.41	P-304	2,050

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
HAZARDOUS WASTE STORAGE FACILITY	SF	17,280	81.00	1,400
SUPPORTING FACILITIES	-	-	-	440
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(130)
UTILITIES, PAVING AND SITE IMPROVEMENT	LS	-	-	(310)
SUBTOTAL	-	-	-	1,840
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,930
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,050
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story concrete frame building, pile foundation, concrete floor, brick and masonry walls; built-up roof; interior finished with epoxy coatings; depressed module floor system to contain spills and prevent mixing of spills; exterior spill containment; sprinkler fire protection system; utilities.

11. REQUIREMENT: 17,280 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a consolidated hazardous material and waste storage handling facility. (Current mission).

REQUIREMENT:
Adequate and properly configured facility constructed specifically for hazardous material and waste storage, consolidating all hazardous materials in one facility to ensure acceptable levels of safety and material control. The control of these materials is required by regulations of the Occupational Safety and Health Act, Environmental Protection Agency, National Electric Code, and National Fire Code.

CURRENT SITUATION:
Materials and wastes are stored in various areas under unsatisfactory conditions of safety and control. These deficiencies create serious hazards to personnel through fire, explosion, or exposure to hazardous substances.

IMPACT IF NOT PROVIDED:
Existing unacceptable risk to the environment, personnel injury, and property damage will continue as will loss of materials due to poor materials management. Facilities will continue to be used in violation of applicable laws and regulations.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

COMMANDANT NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA

4. PROJECT TITLE	5. PROJECT NUMBER
HAZARDOUS WASTE STORAGE FACILITY	P-304

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	80
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	04-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(109)
(B)	ALL OTHER DESIGN COSTS	(118)
(C)	TOTAL	227
(D)	CONTRACT	(200)
(E)	IN-HOUSE	(27)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL STATION, MAYPORT, FLORIDA	COMMANDER IN CHIEF, ATLANTIC FLEET	.90

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	1070	13627	590	42	189	0	79	328	0	15925
b. END FY 1996	978	12614	581	44	202	0	104	437	0	14960

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(3,404)	
b. INVENTORY TOTAL AS OF 30 SEP 90		168,680
c. AUTHORIZATION NOT YET IN INVENTORY		36,310
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		3,140
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		26,300
h. GRAND TOTAL		234,430

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
740.74	CHILD DEVELOPMENT CENTER	16,810 SF	2,150	07/90	04/91
831.41	HAZARDOUS WASTE STRG FAC	LS	990	06/90	08/91
	TOTAL		3,140		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Mayport is homeport for five LAMPS MK III Helicopter Squadrons (SH 60-B Helicopter) and one LAMPS MK I Helicopter Squadron. Major units homeported at Mayport include two aircraft carriers; 28 cruisers, destroyers and frigates; one destroyer tender; three reserve ships; SIMA; and a fleet training center.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL STATION, MAYPORT, FLORIDA	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	740.74	P-736	2,150

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CHILD DEVELOPMENT CENTER	SF	16,810	-	1,290
BUILDING	SF	15,750	79.00	(1,240)
COVERED ENTRANCE	SF	1,060	47.00	(50)
SUPPORTING FACILITIES	-	-	-	6[illegible]
ELECTRICAL UTILITIES	LS	-	-	(150)
MECHANICAL UTILITIES	LS	-	-	(140)
PAVING AND SITE IMPROVEMENT	LS	-	-	(350)
SUBTOTAL	-	-	-	1,930
CONTINGENCY (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,030
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,150
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, masonry walls, sloped metal roof, concrete foundation and floor, nursery, playrooms, kitchen, laundry, administrative, and storage space, fire protection system, air conditioning, utilities; playground.

11. REQUIREMENT: 16,810 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides a child care center for pre-school age children and infants. (Current mission.)

REQUIREMENT:

Child development centers provide care for infants, pre-school and school age children in a common facility, on a regularly scheduled or drop-in basis, when parents are employed or at times when the family is temporarily unable to care for them. Child development centers are a necessary element in today's volunteer force, as their availability alleviates many problems incurred by Navy parents who single, who both work, or who have other special needs. These centers make the quality of life more appealing to military personnel and their dependents. Navy Family Awareness Conferences have identified child care as a major factor in the Navy's readiness and retention efforts. GAO has attacked the condition of child development centers and called for priority attention in upgrading or replacing facilities.

CURRENT SITUATION:

The existing child development center, built in 1966 for other purposes, is inadequate in size. It has a capacity of 68 children, with a waiting list of 185 children needing full-time care. Planned station growth in the late 1990's will increase the number of homeported ships at this station and consequently increase the child care requirement to 268 children. The local community does not have facilities capable of absorbing the Navy requirement.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL STATION, MAYPORT, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
CHILD DEVELOPMENT CENTER	P-736

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:

The severe lack of adequate child care facilities will continue to have a negative impact on morale and retention.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	07-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	04-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES X NO
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	FY85 P-536, NAS PENSACOLA

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(100)
(B)	ALL OTHER DESIGN COSTS	(90)
(C)	TOTAL	190
(D)	CONTRACT	(170)
(E)	IN-HOUSE	(20)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA COST FACTOR
NAVAL TRAINING CENTER, ORLANDO, FLORIDA	CHIEF OF NAVAL EDUCATION AND TRAINING	82

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	345	2226	626	393	13314	0	0	212	0	17116
b. END FY 1996	338	2248	618	418	16405	0	0	215	0	20242

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(2,072)	
b. INVENTORY TOTAL AS OF 30 SEP 90		187,800
c. AUTHORIZATION NOT YET IN INVENTORY		53,170
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		21,430
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		37,282
g. REMAINING DEFICIENCY		24,610
h. GRAND TOTAL		324,292

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.14	BARRACKS	80,070	SF	7,980	05/90	09/91
740.74	CHILD DEVELOPMENT CENTERS	34,780	SF	4,000	06/90	06/91
431.10	COLD STORAGE WAREHOUSE	10,350	SF	2,150	04/90	09/90
722.10	MESS HALL	52,000	SF	7,300	05/89	10/90
	TOTAL			21,430		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.11	BACHELOR ENLISTED QUARTERS	LS		13,615
610.20	DATA PROCESSING CENTER	6,000	SF	2,085
872.10	ALTER SECURITY FENCE	34,450	LF	278
721.11	BACHELOR ENLISTED QUARTERS	LS		13,204
171.20	CBU COMPLEX	12,000	SF	1,350

10. MISSION OR MAJOR FUNCTIONS:

Provide basic indoctrination (recruit training) for enlisted personnel; primary, advanced, and specialized training for officer and enlisted personnel.

Recruit Training Command
Service School Command
Nuclear Power School

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL TRAINING CENTER, ORLANDO, FLORIDA	BARRACKS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	721.14	P-479	7,980

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BARRACKS	SF	80,070	-	5,790
BUILDING	SF	80,070	68.00	(5,440)
BUILT-IN EQUIPMENT	LS	-	-	(350)
SUPPORTING FACILITIES	-	-	-	1,380
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(110)
ELECTRICAL UTILITIES	LS	-	-	(270)
MECHANICAL UTILITIES	LS	-	-	(150)
PAVING AND SITE IMPROVEMENT	LS	-	-	(850)
SUBTOTAL	-	-	-	7,170
CONTINGENCY (5.0%)	-	-	-	360
TOTAL CONTRACT COST	-	-	-	7,530
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	450
TOTAL REQUEST	-	-	-	7,980
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Seven-story building with reinforced concrete frame, masonry exterior walls with brick exterior finish, soil compaction, elevators, emergency generator; utilities, air conditioning; covered walkway.
Grade Mix: 420 E1-E4. Total: 420.

11. REQUIREMENT: 5,604 PN ADEQUATE: 2,880 PN SUBSTANDARD: 0 PN

PROJECT:
Provides adequate billeting for 420 enlisted students assigned to Navy basic "A" schools. (Current mission.)

REQUIREMENT:
Adequate housing for 5,604 "A" school students in electronics technician (ET), and other technical rates either undergoing basic skills training after completion of recruit training or upgrading fleet skill training requirements. The successful consolidation of all ET training at Orlando depends on completion of this project. The Navy's training program is already in the process of consolidation to effect base closure plans. In order to execute consolidations, recipient activities, such as Orlando, must have additional facilities. ET spaces vacated at Great Lakes will be back-filled by programs now held at other locations. The need for ET training will most likely remain level in the future because of the expanding use of electronics systems in all the Navy's major weapons. There is a shortage of electronics technicians Navy-wide today.

CURRENT SITUATION:
Existing Service School Command students are adequately housed in three barracks which have a capacity of 2,160 students. With the consolidation of ET training at this center, by moving Phase II ET training from NTC Great Lakes, an additional 2,496 students will be added to the Service School Command. New barracks are required to accommodate this growth. Part of this requirement will be satisfied by the completion of FY 1991 MILCON Barracks for 720 spaces. This will bring the total adequate to 2,880. The total Service School loading will be 3,932 students at the completion of the consolidation. This project will bring the adequate

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL TRAINING CENTER, ORLANDO, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
BARRACKS	P-479

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
total to 3,300 spaces.

IMPACT IF NOT PROVIDED:
Overcrowding of adequate student berthing spaces will continue with some students housed in facilities below the minimum standards of adequacy to the detriment of morale, training and career retention efforts. Consolidation of ET training at this center will not be fully realized because of a lack of barracks spaces.

ADDITIONAL:
The Navy acquired the complex from the Air Force in 1968 and has since embarked on a program to replace the WWII era facilities with modern training and support buildings. This project continues the barracks program which will permit moving students from old barracks as well as to facilitate growth related to the transfer of students from NTC Great Lakes to Orlando.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	09-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(520)
(B)	ALL OTHER DESIGN COSTS	(57)
(C)	TOTAL	577
(D)	CONTRACT	(16)
(E)	IN-HOUSE	(561)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL TRAINING ...TER, ORLANDO, FLORI.	CHILD DEVELOPMENT CENTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	740.74	P-175	4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CHILD DEVELOPMENT CENTERS	SF	34,780	80.00	2,780
SUPPORTING FACILITIES	-	-	-	810
ELECTRICAL UTILITIES	LS	-	-	(170)
MECHANICAL UTILITIES	LS	-	-	(190)
PAVING AND SITE IMPROVEMENT	LS	-	-	(400)
DEMOLITION	LS	-	-	(50)
SUBTOTAL	-	-	-	3,590
CONTINGENCY (5.0%)	-	-	-	180
TOTAL CONTRACT COST	-	-	-	3,770
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	230
TOTAL REQUEST	-	-	-	4,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two one-story steel frame buildings, concrete spread footings, steel truss roofs, brick and masonry block cavity walls, utilities, air conditioning, fenced playground, asbestos removal, demolition of one building.

11. REQUIREMENT: 34,780 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs two separate child development centers, one at this center and the other at the McCoy Annex. (Current mission.)

REQUIREMENT:

Child development centers provide supervised care for infants, pre-school and school age children in a suitably designed facility, on a regularly scheduled or drop-in basis, when parents are at work or at times when the family is temporarily unable to care for them. These centers are a necessary element in today's volunteer force as their availability alleviates many problems incurred by Navy parents who are single, who both work, or who have other special needs. They make the quality of service life more appealing to military personnel and their spouses. Two adequate and properly-sized child development centers are required to provide care for the families at this center. The concept of two centers is to give the family the option of having the children near the workplace or near the home. McCoy Annex was acquired from the Air Force in 1973 and is located twelve miles south of the NTC. It is the site of family housing units and community support.

CURRENT SITUATION:

The existing child care facility at this center is undersized and can accommodate only 65 children. The building has had limited repairs and improvements made since it was constructed in 1943 and does not comply with current fire, sanitation, and safety requirements. The child care center at the McCoy Annex is a pre-engineered metal structure accommodating a maximum of 110 children. Its heating and air conditioning frequently is inoperative and unbalanced because of age and

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL TRAINING CENTER, ORLANDO, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
CHILD DEVELOPMENT CENTERS	P-175

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
the poor distribution layout of the building. The playground and supporting equipment area and the employee parking are inadequate, but cannot be expanded.

IMPACT IF NOT PROVIDED:
Both centers will continue to operate in overcrowded conditions which cannot meet current demands for child care. Children will continue to be cared for under unsanitary and unsafe conditions.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	60
(C) DATE DESIGN 35% COMPLETE	09-90
(D) DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(55)
(B) ALL OTHER DESIGN COSTS	(15)
(C) TOTAL	70
(D) CONTRACT	(10)
(E) IN-HOUSE	(60)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL TRAINING CENTER, ORLANDO, FLORIDA	COLD STORAGE WAREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	431.10	P-202	2,150

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COLD STORAGE WAREHOUSE	SF	10,350	-	1,530
BUILDING	SF	10,350	99.00	(1,020)
BUILT-IN EQUIPMENT	LS	-	-	(510)
SUPPORTING FACILITIES	-	-	-	400
UTILITIES	LS	-	-	(160)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(240)
SUBTOTAL	-	-	-	1,930
CONTINGENCY (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,030
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,150
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story concrete block building with brick fascia, raised concrete floors with hydraulic dock levelers, hydraulic pallet rack, demolition of one building.

11. REQUIREMENT: 10,350 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs a cold storage warehouse. (Current mission.)

REQUIREMENT:
Adequate and properly-configured cold storage warehouse capacity tc support the increased military personnel assigned to the Service School and Recruit Training Commands and sited on the station in accordance with the master plan.

CURRENT SITUATION:
The existing cold storage warehouse is located a mile from the main base and is the main receiving point for frozen and chilled food products supporting the three mess halls on base. The building has deteriorated refrigeration systems subject to frequent breakdowns, for which repairs are difficult to make. The loading docks and building structure have deteriorated beyond economical repair, and the facility is too small to provide adequate storage capacity for the increased student population. With the Orlando area's high temperature and humidity, inadequate storage of frozen products with an abnormally high amount of material handling results in spoilage and waste.

IMPACT IF NOT PROVIDED:
Existing cold storage warehouse will have to be supplemented by commercially leased space. This will be expensive, complicate deliveries, increase transportation costs, and reduce supply reliability. Orlando will continue to experience difficulty with inadequate cold storage, excessive food handling, product deterioration and spoilage, and unsatisfactory stock levels.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL TRAINING CENTER, ORLANDO, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
COLD STORAGE WAREHOUSE	P-202

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	04-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	100
(C) DATE DESIGN 35% COMPLETE	06-90
(D) DATE DESIGN COMPLETE	09-90

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(78)
(B) ALL OTHER DESIGN COSTS	(16)
(C) TOTAL	94
(D) CONTRACT	(16)
(E) IN-HOUSE	(78)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL TRAINING CENTER, ORLANDO, FLORIDA	MESS HALL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	722.10	P-240	7,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MESS HALL	SF	52,000	-	5,770
BUILDING	SF	52,000	109.00	(5,670)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	790
ELECTRICAL UTILITIES	LS	-	-	(180)
MECHANICAL UTILITIES	LS	-	-	(110)
PAVING AND SITE IMPROVEMENT, DEMOLITION	LS	-	-	(500)
SUBTOTAL	-	-	-	6,560
CONTINGENCY (5.0%)	-	-	-	330
TOTAL CONTRACT COST	-	-	-	6,890
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	410
TOTAL REQUEST	-	-	-	7,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel-frame building, concrete foundation and floor, masonry walls, built-up roof, fire protection system, air conditioning, utilities; loading ramp, emergency generator; equipment for kitchen, galley, dining, serving, storage; demolition of five buildings.

11. REQUIREMENT: 104,000 SF ADEQUATE: 52,000 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a centrally-located mess hall for more dining space, food service, and storage. (Current mission.)

REQUIREMENT:
Adequate additional dining capacity to support the NTC Orlando complex. This project supports the move of the Electronics Technician "A" School from Great Lakes to Orlando.

CURRENT SITUATION:
The existing mess hall is overloaded resulting in slow service at peak meal periods. This overuse causes personnel to spend excessive time waiting in line to enter the facility. Galley personnel must spend long periods of time preparing and serving food, reducing time allotted for clean-up and maintenance of equipment.

IMPACT IF NOT PROVIDED:
This center cannot accommodate the expanded mission with its associated workload.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
(A) DATE DESIGN STARTED 05-89

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL TRAINING CENTER, ORLANDO, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
MESS HALL	P-240

12. SUPPLEMENTAL DATA: (CONTINUED)

(B) PERCENT COMPLETE AS OF JANUARY 1991 40
(C) DATE DESIGN 35% COMPLETE 11-89
(D) DATE DESIGN COMPLETE 10-90

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (365)
(B) ALL OTHER DESIGN COSTS . . . . . (125)
(C) TOTAL 490
(D) CONTRACT . . . . . (440)
(E) IN-HOUSE . . . . . (50)

(4) CONSTRUCTION START 01-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
NAVAL COASTAL SYSTEMS CENTER, PANAMA CITY, FLORIDA	SPACE AND NAVAL WARFARE SYSTEMS COMMAND	.86

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	51	338	1383	54	152	0	0	0	0	1978
b. END FY 1996	48	346	1328	64	444	0	0	0	0	2230

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(1,112)	
b. INVENTORY TOTAL AS OF 30 SEP 90		76,440
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		11,150
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		10,220
h. GRAND TOTAL		97,810

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BACHELOR ENLISTED QUARTERS	92,160	SF	9,000	09/84	11/91
722.10	MESS HALL	8,900	SF	2,150	09/84	11/91
	TOTAL			11,150		

9. FUTURE PROJECTS

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
This center is to be the principal Navy research, development, test, and evaluation (RD&E) center for mine and undersea countermeasures, special warfare, amphibious warfare, diving, salvage, Marine Corps land mine warfare, and other naval missions that take place primarily in the coastal region.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL COASTAL SYSTEMS CENTER, PANAMA CITY, FLORIDA	BACHELOR ENLISTED QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	721.11	P-303	9,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS	SF	92,160	67.00	6,170
SUPPORTING FACILITIES	-	-	-	1,920
ELECTRICAL UTILITIES	LS	-	-	(300)
MECHANICAL UTILITIES	LS	-	-	(740)
PAVING AND SITE IMPROVEMENT	LS	-	-	(880)
SUBTOTAL	-	-	-	8,090
CONTINGENCY (5.0%)	-	-	-	410
TOTAL CONTRACT COST	-	-	-	8 500
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	500
TOTAL REQUEST	-	-	-	9,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three-story masonry load-bearing wall building, brick wall facing, sloped metal roof, concrete foundation and floors, air conditioning, fire protection system, utilities; 119 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment. Grade mix: 154 E1-E4, 141 E5-E6, 10 E7-E9. Total: 305.

11. REQUIREMENT: 537 PN ADEQUATE: 232 PN SUBSTANDARD: 0 PN

PROJECT:
Provides adequate billeting for 305 enlisted personnel. (Current mission.)

REQUIREMENT:
Adequate housing for 537 enlisted personnel assigned to the Naval Diving and Salvage Training Center.

CURRENT SITUATION:
Existing adequate berthing consists of 232 spaces on station. The remaining 305 enlisted personnel must be housed in motels and hotels throughout the surrounding civilian community. After construction of the 305 spaces requested by this project, all assigned personnel will be provided adequate billeting space on base.

IMPACT IF NOT PROVIDED:
Enlisted personnel will continue to be berthed off-base to the detriment of training, morale, and career retention efforts.

ADDITIONAL:
An economic analysis has been prepared that indicates a payback period of 2.8 years.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL COASTAL SYSTEMS CENTER, PANAMA CITY, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS	P-303

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	09-84
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	04-85
(D) DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(254)
(B) ALL OTHER DESIGN COSTS	(57)
(C) TOTAL	311
(D) CONTRACT	(300)
(E) IN-HOUSE	(11)

(4) CONSTRUCTION START 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL COASTAL SYSTEMS CENTER, PANAMA CITY, FLORIDA	MESS HALL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	722.10	P-311	2,150

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MESS HALL	SF	8,900	-	1,450
BUILDING	SF	8,900	140.00	(1,250)
BUILT-IN EQUIPMENT	LS	-	-	(200)
SUPPORTING FACILITIES	-	-	-	480
ELECTRICAL UTILITIES	LS	-	-	(120)
MECHANICAL UTILITIES	LS	-	-	(140)
PAVING AND SITE IMPROVEMENT	LS	-	-	(220)
SUBTOTAL	-	-	-	1,930
CONTINGENCY (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,030
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,150
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story masonry load-bearing wall building, brick wall facing, sloped metal roof, concrete foundation and floor, air conditioning, fire protection system, utilities.

11. REQUIREMENT: 8,900 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a dining facility for enlisted personnel. (Current mission.)

REQUIREMENT:
Adequate dining facilities for 537 enlisted personnel supported by this center, including personnel assigned to the Naval Diving and Salvage Training Center.

CURRENT SITUATION:
The existing dining facility was constructed along with a barracks and accommodates only 80 to 100 people. Space constraints and the diversity of functions make it impractical to expand the existing obsolete facility to satisfy new dining requirements. New construction is the only acceptable solution. Currently, 120 enlisted personnel subsist off-base.

IMPACT IF NOT PROVIDED:
Unable to efficiently and effectively feed the current and additional enlisted personnel being assigned to the Diving and Salvage Training Center with existing dining capability and capacity. Without this project, an additional 180 personnel will not be served, increasing off-base subsistance cost substantially.

ADDITIONAL:
An economic analysis has been prepared that indicates a payback of less than 1.9 years.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL COASTAL SYSTEMS CENTER, PANAMA CITY, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
MESS HALL	P-311

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	09-84
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	04-85
(D) DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	___

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(76)
(B) ALL OTHER DESIGN COSTS	(23)
(C) TOTAL	99
(D) CONTRACT	(92)
(E) IN-HOUSE	(7)

(4) CONSTRUCTION START: 01-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AIR STATION, PENSACOLA, FLORIDA	CHIEF OF NAVAL EDUCATION AND TRAINING	.84

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	718	3519	6498	2754	1398	0	27	152	0	15066
b. END FY 1996	833	5052	5778	2810	1412	0	27	151	0	16063

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(7,549)	
b. INVENTORY TOTAL AS OF 30 SEP 90		224,400
c. AUTHORIZATION NOT YET IN INVENTORY		15,100
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		4,000
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		3,470
g. REMAINING DEFICIENCY		12,230
h. GRAND TOTAL		259,200

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
730.15	BRIG	31,540	SF	4,000	03/88	01/91
	TOTAL			4,000		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

133.72	RADAR AIR TRAFFIC CTRL CTR	9,000	SF	1,650
116.15	AIRCRAFT RINSE FAC	910	SY	200
136.10	RUNWAY APPROACH LIGHTING	LS		730
136.45	WHEELS-UP/WAVE-OFF LGHT	6	EA	890

10. MISSION OR MAJOR FUNCTIONS:

Maintain and operate facilities and provide services and materials to support operations of aviation activities and units of the Naval Air Training Command.

Naval Aviation Depot
Aviation Training Carrier
Chief of Naval Education and Training
Training Wing Six
Three Training Squadrons
Naval Aviation School
Helicopter Support Squadron
Navy Aerospace Medical Institute

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, PENSACOLA, FLORIDA	BRIG

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	730.15	P-047	4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BRIG	SF	31,540	-	2,770
BUILDING	SF	29,000	89.00	(2,580)
STORAGE AND WORKSHOP	SF	2,540	55.00	(140)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	820
ELECTRICAL UTILITIES	LS	-	-	(180)
MECHANICAL UTILITIES	LS	-	-	(180)
PAVING AND SITE IMPROVEMENT	LS	-	-	(380)
DEMOLITION	LS	-	-	(80)
SUBTOTAL	-	-	-	3,590
CONTINGENCY (5.0%)	-	-	-	180
TOTAL CONTRACT COST	-	-	-	3,770
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	230
TOTAL REQUEST	-	-	-	4,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story building with concrete spread footings, concrete floor, steel roof bar joists with metal deck, rigid insulation and single ply membrane roofing, concrete masonry unit walls with brick veneer, utilities, compressed air, air conditioning, sprinkler system, smoke evacuation system, and security locking and monitoring systems; one-story pre-engineered metal storage building; asbestos removal, demolition of three buildings.

11. REQUIREMENT: 31,540 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs a brig meeting current criteria for this function, with areas for berthing, dining, training, religious, medical, recreation, library, administration, security, work programs and counseling. (Current mission.)

REQUIREMENT:

An adequate brig to hold prisoners awaiting trial and those with a minor sentence of up to 30 days. The brig will serve Navy personnel from both ships and shore activities, and from the middle Gulf Coast areas, including adjoining states. This waterfront brig is in line with Navy policy whereby sailors serving sentences up to 30 days remain at their homeport (if possible) near the ships, shore activities, and courts. The goal is for rehabilitation of the sailor and quick return to his unit. Those with sentences from 30 days to one year go to Navy consolidated brigs and beyond one year go to the federal prison system.

CURRENT SITUATION:

Existing facilities consist of five separate, antiquated buildings built in the early to mid-1900's. Since there are no messing facilities in the brig, minimum custody prisoners are marched to another building for food, and hot trays are brought in for medium and maximum security prisoners. There is no indoctrination for new prisoners. Cells are too small and lack toilet facilities. All five buildings lack sprinkler systems, posing a serious fire hazard. The guards' duty room is separate

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, PENSACOLA, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
BRIG	P-047

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
from the main cell building. The brig is inadequate, and its deficiencies cannot be corrected.

IMPACT IF NOT PROVIDED:
Overcrowding will continue. This activity will be unable to provide naval units in the area with brig support. Lack of adequate facilities will cause morale and discipline problems.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	03-88
(B)	PERCENT COMPLETE AS OF JANUARY 1991	100
(C)	DATE DESIGN 35% COMPLETE	05-90
(D)	DATE DESIGN COMPLETE	01-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(200)
(B)	ALL OTHER DESIGN COSTS	(120)
(C)	TOTAL	320
(D)	CONTRACT	(250)
(E)	IN-HOUSE	(70)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL SUBMARINE BASE, KINGS BAY, GEORGIA	COMMANDER IN CHIEF, ATLANTIC FLEET	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	465	4795	1945	0	85	0	26	268	108	7692
b. END FY 1996	636	6815	2414	0	291	0	38	400	127	10721

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(16,698)	
b. INVENTORY TOTAL AS OF 30 SEP 90		503,180
c. AUTHORIZATION NOT YET IN INVENTORY		192,343
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		9,780
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		38,195
g. REMAINING DEFICIENCY		26,350
h. GRAND TOTAL		769,848

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
213.30	GENERATOR TEST BLDG ADDN	LS		580	05/90	01/91
171.20	TRIDENT TRNG COMPLEX ADDN	55,100	SF	9,200	01/90	06/91
	TOTAL			9,780		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.11	BACHELOR ENLISTED QUARTERS	29,460	SF	5,720
171.20	CBU OPERATIONS CENTER	12,000	SF	2,350
165.10	DREDGING	LS		9,300
932.20	UTILITIES & SITE IMPROVES	LS		6,550
721.11	BACHELOR ENLISTED QUARTERS	65,000	SF	9,250

10. MISSION OR MAJOR FUNCTIONS:
Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUBMARINE BASE, KINGS BAY, GEORGIA	TRIDENT TRAINING COMPLEX ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0101228N	171.20	P-444	9,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TRIDENT TRAINING COMPLEX ADDITION	SF	55,100	-	6,170
APPLIED INSTRUCTION BUILDING ADDITION	SF	29,500	96.00	(2,830)
BARRACKS	SF	25,600	93.00	(2,380)
BUILT-IN EQUIPMENT	LS	-	-	(960)
SUPPORTING FACILITIES	-	-	-	2,100
UTILITIES	LS	-	-	(1,440)
PAVING AND SITE IMPROVEMENT	LS	-	-	(660)
SUBTOTAL	-	-	-	8,270
CONTINGENCY (5.0%)	-	-	-	410
TOTAL CONTRACT COST	-	-	-	8,680
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	520
TOTAL REQUEST	-	-	-	9,200
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel-frame building addition and single-story steel-frame building, concrete foundations and floors, masonry walls to match existing, built-up roofing systems, fire protection systems, environmental control systems, air conditioning and utilities.

11. REQUIREMENT: 577,100 SF ADEQUATE: 522,000 SF SUBSTANDARD: 0 SF

PROJECT:

Provides additional training facilities and a barracks for the basic submarine Strategic Weapon System (SWS) "A" school. (New mission.)

REQUIREMENT:

Adequate and properly-configured applied instruction and support spaces to accommodate the SWS "A" School. The mission of the SWS "A" School is to provide a basic knowledge of electricity, solid state electronics, inertial guidance theory, computer fundamentals, and digital logic principles. This knowledge is prerequisite to entering Fleet Ballistic Missile (FBM) and SWS replacement "C" Schools. The "C" School prepares personnel for their first assignment and provides them with minimum operational and maintenance qualification on their assigned system, sub-system, and equipment.

CURRENT SITUATION:

There is no available space in the TRIDENT Training Facility Complex, to provide SWS "A" School training or billeting. The current SWS "A" School spaces at the Guided Missile School, Dam Neck, Virginia, will be lost because of the need for expanded surface missile training, a primary mission of the Dam Neck school. With the loss of the Dam Neck training facilities, locating the SWS "A" School within close proximity to the TRIDENT Training Facility (TRITRAFAC) eliminates a major portion of the personnel transfer travel costs for the trainees. In addition, the TRITRAFAC was designed for expansion which provides extra cost savings over building the facilities at other locations.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUBMARINE BASE, KINGS BAY, GEORGIA

4. PROJECT TITLE	5. PROJECT NUMBER
TRIDENT TRAINING COMPLEX ADDITION	P-444

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:
TRIDENT training program will not be able to support the "A" School mission. Students will not be provided with the basic training necessary to transition into "C" School, resulting in higher student turnback and student dropout rates.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	01-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(323)
(B)	ALL OTHER DESIGN COSTS	(485)
(C)	TOTAL	808
(D)	CONTRACT	(621)
(E)	IN-HOUSE	(187)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL AIR STATION, BARBERS POINT, HAWAII	COMMANDER IN CHIEF, PACIFIC FLEET	1.40

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	666	3872	180	0	0	0	94	147	0	4959
b. END FY 1996	674	3791	180	0	0	0	94	147	0	4886

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(3,852)	
b. INVENTORY TOTAL AS OF 30 SEP 90		92,880
c. AUTHORIZATION NOT YET IN INVENTORY		7,113
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		3,300
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		7,580
g. REMAINING DEFICIENCY		104,529
h. GRAND TOTAL		215 402

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BACH ENL QTRS MODERN	28,100	SF	3,300	04/90	10/91
	TOTAL			3,300		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

740.74	CHILD DEVELOPMENT CENTER	3,380	SF	810
730.83	MULTI-FAITH FACILITY	15,000	SF	3,620
740.56	THEATER	11,200	SF	3,150

10. MISSION OR MAJOR FUNCTIONS:

To maintain and operate facilities and provide services and material to support operations of aviation activities and units of the Operating Forces of the Navy.

Transient Carrier Air Group
Fleet Composite Squadron
Five Land-Based ASW Squadrons (P-3)
Army Reserve Medium Lift Helicopter Squadron
LAMPS Helicopter Squadrons
Coast Guard Air Station
Oceanographic Naval Facility

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, BARBERS POINT, HAWAII	BACHELOR ENLISTED QUARTERS MODERNIZATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204660N	721.11	P-225	3,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS MODERNIZATION . . .	SF	28,100	96.00	2,700
SUPPORTING FACILITIES.	-	-	-	250
UTILITIES, PAVING AND SITE IMPROVEMENT . . .	LS	-	-	(250)
SUBTOTAL	-	-	-	2,950
CONTINGENCY (5.0%).	-	-	-	150
TOTAL CONTRACT COST.	-	-	-	3,100
SUPERVISION, INSPECTION & OVERHEAD (6.5%) . .	-	-	-	200
TOTAL REQUEST.	-	-	-	3,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modernization of existing open-bay barracks into apartment-type quarters; two and three-men rooms with bathrooms; air conditioning, lighting improvements, window replacement, utilities.
Grade mix: 148 E1-E4. Total: 148.

11. REQUIREMENT: 1,487 PN ADEQUATE: 1,227 PN SUBSTANDARD: (260) PN

PROJECT:
Modernizes billeting spaces to provide adequate billeting for 148 enlisted personnel assigned to this station. (Current mission.)

REQUIREMENT:
Adequate housing for 1,487 enlisted personnel.

CURRENT SITUATION:
Existing berthing capacity of 1,487 spaces, including 260 substandard spaces requiring modernization and accommodations found by 220 personnel in the local community, is insufficient and results in overcowding. After modernization of the spaces required by this project, a follow-on project will be required to complete modernization. All projected space requirements are validated annually by a new survey, which updates planning projections.

IMPACT IF NOT PROVIDED:
Adequate living quarters for enlisted personnel will continue to be unavailable, resulting in degradation of morale, training and career retention efforts.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, BARBERS POINT, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS MODERNIZATION	P-225

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	04-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(160)
(B) ALL OTHER DESIGN COSTS	(198)
(C) TOTAL	358
(D) CONTRACT	(0)
(E) IN-HOUSE	(358)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONST COST INDEX
NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII	NAVAL COMPUTER & TELE-COMMUNICATIONS COMM	1.36

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	47	1085	141	0	0	0	0	3	0	1276
b. END FY 1996	49	1120	141	0	0	0	0	3	0	1313

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(2.422)	
b. INVENTORY TOTAL AS OF 30 SEP 90		52.440
c. AUTHORIZATION NOT YET IN INVENTORY		8.000
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		1.500
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		1.400
f. PLANNED IN NEXT THREE PROGRAM YEARS		3.570
g. REMAINING DEFICIENCY		24.950
h. GRAND TOTAL		91.860

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN START	DESIGN COMPLETE
721.11	BEQ MODERNIZATION	14,670	SF	1,500	06/90	10/91
	TOTAL			1,500		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):

132.10	ANTENNA SAFETY IMPRVS	LS		1,400	06/85	06/86
	TOTAL			1,400		

B. MAJOR PLANNED NEXT THREE YEARS:

131.15	COMMUNICATION CENTER	18,900	SF	1,620
812.30	ELECTRICAL UPGRADE	LS		1,950

10. MISSION OR MAJOR FUNCTIONS:

This activity, as a part of the Naval telecommunications system, manages, operates, and maintains those facilities, systems, equipment, and devices necessary to provide requisite communications for the command, operational control, and administration of the Naval establishment. Manages, operates, and maintains those facilities and equipment of the Defense telecommunications system and the Coast Guard as assigned, and performs such other functions as may be directed by the Chief of Naval Operations.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	1,340

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII	BACHELOR ENLISTED QUARTERS MODERNIZATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303196N	721.11	P-130	1,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS MODERNIZATION	SF	14,670	82.00	1,200
SUPPORTING FACILITIES	-	-	-	140
UTILITIES AND SITE IMPROVEMENT	LS	-	-	(140)
SUBTOTAL	-	-	-	1,340
CONTINGENCY (5.0%)	-	-	-	70
TOTAL CONTRACT COST	-	-	-	1,410
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	90
TOTAL REQUEST	-	-	-	1,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modernize existing barracks to provide nineteen modules with private bathrooms, fire protection, air conditioning, lounges, laundry, storage and new utility services. Grade Mix: 76 E1-E4. Total: 76.

11. REQUIREMENT: 388 PN ADEQUATE: 16 PN SUBSTANDARD: (320) PN

PROJECT:
Provides adequate billeting for 76 enlisted personnel. (Current Mission).

REQUIREMENT:
Adequate housing for 388 bachelor enlisted personnel assigned to the station.

CURRENT SITUATION:
Existing berthing capacity of 46 spaces includes accommodations found by 30 personnel in the civilian community and 16 adequate spaces on base. There are 320 substandard spaces that are eligible for modernization. This project will modernize 76 in one building and a follow-on project will modernize the remaining three buildings of 244 spaces. A new construction requirement of 22 spaces is currently unprogrammed and will be satisfied by civilian community.

IMPACT IF NOT PROVIDED:
Sailors will continue to be housed in inadequate facilities or be forced to seek expensive off-base accommodations.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
(A) DATE DESIGN STARTED 06-90

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL COMM AREA MASTER STATION EASTPAC, HONOLULU, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS MODERNIZATION	P-130

12. SUPPLEMENTAL DATA: (CONTINUED)

(B) PERCENT COMPLETE AS OF JANUARY 1991. 50
(C) DATE DESIGN 35% COMPLETE 10-90
(D) DATE DESIGN COMPLETE 10-91

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (84)
(B) ALL OTHER DESIGN COSTS . . . . . (87)
(C) TOTAL. 171
(D) CONTRACT . . . . . (150)
(E) IN-HOUSE . . . . . (21)

(4) CONSTRUCTION START. 12-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL MAGAZINE, LUALUALEI, HAWAII	COMMANDER IN CHIEF, PACIFIC FLEET	1.43

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	39	308	143	0	0	0	0	0	0	490
b. END FY 1996	47	342	131	0	0	0	0	0	0	520

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(12,069)	
b. INVENTORY TOTAL AS OF 30 SEP 90		120,260
c. AUTHORIZATION NOT YET IN INVENTORY		6,660
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		8,700
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		1,300
h. GRAND TOTAL		136,920

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216.40	TORPEDO MAINTENANCE FACS	29,600 SF	8,700	06/90	06/91
	TOTAL		8,700		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Receives, transships, maintains, stores and issues ammunition, missiles and explosive ordnance for the military services in Hawaii and the Pacific Ocean area.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL MAGAZINE, LUALUALEI, HAWAII	TORPEDO MAINTENANCE FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204996N	216.40	P-140	8,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TORPEDO MAINTENANCE FACILITIES	SF	29,600	-	5,480
MAINTENANCE SHOP	SF	16,660	198.00	(3,300)
INERT STOREHOUSE	SF	12,500	107.00	(1,340)
READY SERVICE MAGAZINE	SF	440	277.00	(120)
BUILT-IN EQUIPMENT	LS	-	-	(630)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
SUPPORTING FACILITIES	-	-	-	2,300
ELECTRICAL UTILITIES	LS	-	-	(1,320)
MECHANICAL UTILITIES	LS	-	-	(220)
PAVING AND SITE IMPROVEMENT	LS	-	-	(760)
SUBTOTAL	-	-	-	7,780
CONTINGENCY (5.0%)	-	-	-	390
TOTAL CONTRACT COST	-	-	-	8,170
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	530
TOTAL REQUEST	-	-	-	8,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete building, built-up roofing, compressed air, fire protection and alarm system, weight handling equipment, emergency generator; one-story pre-engineered steel building; one-story reinforced concrete magazine; lightning protection, security fencing, utilities.

11. REQUIREMENT: 29,600 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs torpedo maintenance shop and ready service magazine and a new inert storehouse to support the introduction of the new Mk-50 weapon system. (New mission.)

REQUIREMENT:

Maintenance, storage and support facilities to support the introduction of the Mk-50 advanced lightweight torpedo scheduled to arrive in the Fleet in 1992. The Mk-50 torpedo will replace the Mk-46 as the Navy's only lightweight torpedo. It is designed to be launched from aircraft (including anti-submarine warfare (ASW) helicopters) and surface ships. Limited procurement of the Mk-50 torpedo began in 1987 and has reached a total of 265 in the FY 1991 WPN budget request. Navy inventory of Mk-50's is projected to reach over 7,000 by the year 2000 with about 2,800 assigned to the Pacific Fleet. The Torpedo Intermediate Maintenance Activity will have an annual workload of over 350 exercise and war shot Mk-50 torpedoes. This installation is one of the Pacific Fleet's principal weapons storage and maintenance facilities. The capability to test, maintain, repair and overhaul all stored weapons systems is required to ensure the availability of ready-issue systems to Fleet surface and air units. Existing torpedo maintenance facilities must be retained as long as the Mk-46 torpedo remains in the Fleet. The capability to support both systems will be required through the 1990's. The weapons must be disassembled, separated into hazardous and non-hazardous components, inspected, tested, repaired, reassembled and prepared for shipment. Torpedoes consist of search sonar, warhead, guidance and control systems, fuel tank, motor and propellers. Each

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL MAGAZINE, LUALUALEI, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
TORPEDO MAINTENANCE FACILITIES	P-140

11. REQUIREMENT: 'CONTINUED)

REQUIREMENT (CONTINUED)

section requires specialized handling, test, and repair facilities.

CURRENT SITUATION:

There are no available facilities to adequately support the introduction of the Mk-50 torpedo. In addition to being fully utilized, existing facilities are not suitable for the Mk-50 as currently configured and outfitted. The Mk-50 torpedo is the most technologically advanced torpedo in the inventory.

IMPACT IF NOT PROVIDED:

Intermediate maintenance of the Mk-50 torpedo will not be possible. There will be a continually increasing backlog of torpedoes unavailable for issue to the Fleet. Also, the lack of exercise torpedo turnaround capability will impact Fleet readiness certification and training which is critical during introduction of the torpedo to the Fleet.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	60
(C)	DATE DESIGN 35% COMPLETE	09-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___NC_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(419)
(B)	ALL OTHER DESIGN COSTS	(386)
(C)	TOTAL	805
(D)	CONTRACT	(719)
(E)	IN-HOUSE	(86)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PEARL HARBOR, HAWAII	NAVAL SEA SYSTEMS COMMAND	1.36

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	0	0	6	0	0	0	0	0	0	6
b. END FY 1996	0	0	6	0	0	0	0	0	0	6

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(2)	
b. INVENTORY TOTAL AS OF 30 SEP 90		1,520
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		3,200
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		2,400
h. GRAND TOTAL		7,120

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
812.30	ELECTRICAL DISTR SYS IMPRS	14,000	LF	3,200	09/90	11/91
	TOTAL			3,200		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provides inactivation, maintenance, security, and disposal or preparation for reactivation of ships.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PEARL HARBOR, HAWAII	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0708096N	812.30	P-351	3,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS. .	LF	14,000	-	2,860
ELECTRICAL DISTRIBUTION LINES.	LF	14,000	108.00	(1,510)
TRANSFORMER SUBSTATION	LS	-	-	(420)
DISTRIBUTION TRANSFORMER AND PANELS.	LS	-	-	(420)
POWER STATION PLATFORMS.	LS	-	-	(510)
SUBTOTAL	-	-	-	2,860
CONTINGENCY (5.0%).	-	-	-	140
TOTAL CONTRACT COST.	-	-	-	3,000
SUPERVISION, INSPECTION & OVERHEAD (6.5%) . .	-	-	-	200
TOTAL REQUEST.	-	-	-	3,200
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Replace electrical distribution lines, transformer substations, submarine cables and offshore transformers and distribution panels; replace semi-permanent power dolphins with permanent concrete platforms and piles; construct new permanent power stations.

11. REQUIREMENT: 14,000 LF ADEQUATE: 0 LF SUBSTANDARD: 0 LF

PROJECT:

Upgrades electrical distribution system and constructs permanent off-shore power station platforms. (Current mission.)

REQUIREMENT:

Adequate and reliable electrical service to this facility's inactive ships for lighting, dehumidification, and cathodic protection. This facility provides inactivation, maintenance, security and preparation for activation of ships moored off-shore in Middle Loch of Pearl Harbor. The Secretary of Defense recently approved the "Innovative Naval Surface Reserve Concept" which provides for the transition of 32 "Knox" class frigates into a reduced Ready-for-Sea (RFS) status, available in 180 days. These RFS frigates will be berthed at the Naval Inactive Ship Maintenance Facilities here and in Philadelphia. In addition to the approximately 40 ships and craft presently maintained, this facility will receive twelve guided missile destroyers and the RFS frigates by the end of Fiscal Year 1993. This project provides the supporting electrical distribution and permanent power station dolphins.

CURRENT SITUATION:

This facility's electrical distribution system consists of two separate and inadequate branches, installed approximately 43 years ago, to serve the off-shore power stations, piers, and industrial facilities. Load growth because of the additional assignment of deactivated ships will overburden both of these distribution systems as the electrical demand exceeds their rated capacities. The existing wooden pile power dolphins, also about 43 years old, are extremely deteriorated from age, exposure to saltwater and attack by marine organisms.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PEARL HARBOR, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	P-351

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:
This facility cannot provide sufficient or reliable electrical power for preservation of the additional inactive ships and the ability to maintain these valuable Navy assets will be severely jeopardized.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	09-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO_X_

(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(200)
(B) ALL OTHER DESIGN COSTS	(260)
(C) TOTAL	460
(D) CONTRACT	(400)
(E) IN-HOUSE	(60)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII	COMMANDER IN CHIEF, PACIFIC FLEET	1.36

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	453	4239	262	28	218	0	21	82	0	5303
b. END FY 1996	473	4657	262	47	324	0	26	172	0	5961

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(123)	
b. INVENTORY TOTAL AS OF 30 SEP 90		84,090
c. AUTHORIZATION NOT YET IN INVENTORY		31,860
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		62,000
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		103,067
g. REMAINING DEFICIENCY		75,970
h. **GRAND TOTAL**		356,987

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
152.20	BERTHING WHARF	LS		23,000	03/90	10/91
213.30	SIMA	182,020	SF	39,000	06/90	10/91
	TOTAL			62,000		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

610.10	ADMINISTRATIVE OFFICES	39,000	SF	8,400
740.74	CHILD DEV CTR ADDITION	13,700	SF	580
722.10	ENLISTED MESS HALL	1,031	PN	3,100
152.20	GENERAL PURPOSE BERTHING	LS		22,177
151.10	PIER RECONSTRUCTION	922	FB	14,000

10. MISSION OR MAJOR FUNCTIONS:
Maintain and operate shore facilities for training and experimental operations of the submarine forces; provide logistic support to submarines. Services the Commander, Submarine Forces, US Pacific Fleet and two submarine attack squadrons.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII	BERTHING WHARF

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204896N	152.20	P-120	23,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BERTHING WHARF	LS	-	-	10,380
WHARF	SF	33,600	228.00	(7,660)
DREDGING	CY	150,000	16.00	(2,400)
BUILT-IN EQUIPMENT	LS	-	-	(320)
SUPPORTING FACILITIES	-	-	-	9,870
UTILITIES	LS	-	-	(8,840)
DEMOLITION	LS	-	-	(1,130)
SUBTOTAL	-	-	-	20,350
CONTINGENCY (5.0%)	-	-	-	1,020
TOTAL CONTRACT COST	-	-	-	21,370
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	1,630
TOTAL REQUEST	-	-	-	23,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Pile supported concrete wharf, fender system, shore power boom, electric power; compressed air, low pressure (125-psi) compressed air; potable water; wastewater collection system; fire protection system; dredging to a depth of 40 feet of entrance/exiting channels and berthing area; and demolition of a portion of quaywall.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides a berthing wharf capable of accommodating advanced nuclear attack submarines. (Current mission.)

REQUIREMENT:

A berthing pier to support projected base loading of advanced-technology attack submarines. The base provides logistics support to homeported and transient submarines, including maintenance and repair. The submarine base is homeport to an average of 20 nuclear-powered attack submarines and provides support for an average of two transient submarines at any one time, including visiting Trident class ballistic missile submarines. The new wharf will provide one fully capable berth on the Kuahua Peninsula. Kuahua Peninsula is presently a Supply Center warehouse area onto which the Submarine Base will expand. The expansion will permit construction of additional berthing facilities, a new Shore Intermediate Maintenance Activity, and other new logistics and maintenance facilities. New facilities on Kuahua and the upgrading of existing base facilities will provide waterfront submarine force into the next century. This new wharf will be adjacent to the new Intermediate Maintenance Facility included in this budget request. Close proximity of submarines to the maintenance facilities is required to reduce transit times and improve efficiencies of maintenance and repair operations.

CURRENT SITUATION:

Pearl Harbor does not have sufficient waterfront berthing facilities to adequately support transient and homeported submarines. Ships are berthed close together along the w ves without adequate separation between them

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
BERTHING WHARF	P-120

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)

and nested when space along the wharves are fully occupied. The existing wharves and piers were constructed in the 1930's and 1940's and do not have the structural capacity to support the heavier mobile cranes required to service the new submarines. Only nine submarines can now be accommodated with full maintenance, repair, replenishment, and utility services. Nesting denies the outboard submarines crane access and replenishment is extremely difficult. As the larger, longer SSN-688 class submarine replaced early classes, spacing became more constricted, and it became necessary to nest submarines in order to berth those in port. Also, submarines are berthed on wharfs and piers which lack adequate deck-loading capacity to support mobile cranes used during maintenance and replenishment operations. The wharfs on Kuahua Peninsula are used but are not adequate because of insufficient utility support and remoteness from support facilities at the base industrial complex. The site of the project on Kuahua Peninsula is presently an abandoned quaywall which has been condemned due to extensive corrosion of the sheet pile. The water depth around the wharf varies from 22 feet to 40 feet at the channel. A project to construct a repair berth adjacent to this project was approved in the FY 1990 budget request.

IMPACT IF NOT PROVIDED:

Shortages of berths with adequate slip depth, shore power, slip widths and pier deck loading will continue to hinder maintenance and repair operations. Companion shore intermediate maintenance facility project will not have required dedicated maintenance berth. Wharf adjacent to new construction will continue to deteriorate and will remain a life safety hazard to maintenance personnel and submarine crews.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	03-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	09-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(725)
(B)	ALL OTHER DESIGN COSTS	(200)
(C)	TOTAL	925
(D)	CONTRACT	(200)
(E)	IN-HOUSE	(725)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII	SHORE INTERMEDIATE MAINTENANCE ACTIVITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204896N	213.30	P-115	39,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SHORE INTERMEDIATE MAINTENANCE ACTIVITY	SF	182,020	-	23,840
BUILDING	SF	169,770	128.00	(21,730)
COVERED STORAGE AREA	SF	11,050	64.00	(710)
FLAMMABLE STORAGE BUILDING	SF	1,200	106.00	(130)
BUILT-IN EQUIPMENT	LS	-	-	(890)
TECHNICAL OPERATING MANUALS	LS	-	-	(380)
SUPPORTING FACILITIES	-	-	-	11,040
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(3,650)
UTILITIES	LS	-	-	(5,990)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(1,400)
SUBTOTAL	-	-	-	34,880
CONTINGENCY (5.0%)	-	-	-	1,740
TOTAL CONTRACT COST	-	-	-	36,620
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	2,380
TOTAL REQUEST	-	-	-	39,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story building with reinforced concrete floors, concrete masonry unit exterior walls, steel truss roof, pile foundations, and built-up roofing; pre-engineered covered storage area and flammable storage buildings; parking lot and laydown area; utilities, relocation of on-site tenants, demolition of three buildings.

11. REQUIREMENT: 182,020 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides a facility including administrative offices, classrooms, and training spaces for intermediate level maintenance of nuclear-powered attack submarines homeported or in transit at this base. The facility will be sited on the Kuahua Peninsula as part of the expansion of the base. (Current mission.)

REQUIREMENT:

Present capabilities need to be expanded for performance of Selected Restricted Availability (SRA) in support of the Submarine Extended Operating Cycle (SEOC) program and to replace existing, inadequate buildings. This base is homeport to an average of 20 nuclear-powered attack submarines and supports an average of two transient submarines at any one time, including visiting Trident-class ballistic missile submarines. Intermediate maintenance cannot be performed by ship workforces, but does not require scheduling lengthy and expensive overhauls at the public shipyards. While there are some limited repair capabilities on the submarines, the crews do not have the shops and technical skills necessary to keep all shipboard systems running. Shore Intermediate Maintenance Activity (SIMA) personnel augment these capabilities. SIMA's provide shore billets for personnel in many ratings which are normally found only on ships. This keeps the personnel proficient in their mechanical and other skills while serving shore-duty. SIMA's provide both valuable training to these mechanics while assigned and a chance to update skills and learn new shipboard systems. A SIMA consists of many industrial shops and engineering spaces

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII

4. PROJECT TITLE	5 PROJECT NUMBER
SHORE INTERMEDIATE MAINTENANCE ACTIVITY	P-115

11. REQUIREMENT: (CONTINUED)

REQUIREMENT: (CONTINUED)

which perform maintenance on most of the heavy industrial shipboard systems. The capabilities include pipe manufacture and repair; propulsion system maintenance; electronics and sonar repair; steel and plate work, parts milling and manufacture; and pump, valve and hydraulic system maintenance. The implementation of the Extended Submarine Engineering Operating Cycle (ESEOC) which replaces the mid-cycle non-refueling overhaul in the shipyard with SRAs at the homeport, has resulted in a ten percent increase in SIMA workload. Another factor to impact the SIMA capabilities is the assignment of the SSN-688 (improved) class submarine to Pearl Harbor.

CURRENT SITUATION:

The activity does not have adequate facilities to accommodate the expanding intermediate maintenance activity workload in support of the ESEOC program. The majority of existing buildings were constructed between 1923 and 1933 to service diesel electric submarines. These facilities are inadequate in size and outdated for working on the larger, more complex, nuclear submarines. The facilities have received periodic upgrade, but the built-in inefficiencies in layout and material handling capabilities and the space restrictions on storage and support function areas have not been corrected. The increased workload of the SIMA has aggravated these problems and the new requirements have surpassed the facilities' ability to expand to accommodate the growth. Maintenance and controlled industrial functions are performed adjacent to personnel support activities. This intermingling of functions causes concern for safety and security. A facility survey determined that considering cost, time and new requirements, the inadequacies that presently exist make it virtually impossible to renovate the existing buildings to achieve an operationally efficient facility. The existing facilities have insufficient ventilation, improper lighting, antiquated electrical power distribution systems, unstable decks, termite/dry rot damage to structural members, and some structures have asbestos siding. The working areas around the machines barely meet minimum safety standards requiring the use of wire safety screens during machine operations, thus impairing operations. Welding and other hazardous operations are being performed in the main aisle due to the lack of space within the work centers. Low ceiling heights in some work centers inhibit material handling.

IMPACT IF NOT PROVIDED:

If satisfactory facilities are not provided to meet the increasing number of SRA's, schedules will not be met, and this will impact on operational deployments. Present shop functions will continue to be inefficient and unsafe. Fire safety, ventilation, and lighting improvements to the workplace will not be achieved. Fleet readiness will be seriously impaired.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	35
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
SHORE INTERMEDIATE MAINTENANCE ACTIVITY	P-115

12. SUPPLEMENTAL DATA: (CONTINUED)

(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

		($000)
(3)	TOTAL COST (C) = (A) + (B) OR (D) + (E):	
	(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(1,961)
	(B) ALL OTHER DESIGN COSTS	(1,255)
	(C) TOTAL	3,216
	(D) CONTRACT	(2,700)
	(E) IN-HOUSE	(516)
(4)	CONSTRUCTION START	11-91
		(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	CHIEF OF NAVAL EDUCATION AND TRAINING	1.28

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	258	3077	931	173	17453	0	0	269	0	22161
b. END FY 1996	248	3201	907	230	16828	0	0	269	0	21683

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(998)	
b. INVENTORY TOTAL AS OF 30 SEP 90		210,460
c. AUTHORIZATION NOT YET IN INVENTORY		21,510
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		7,000
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		42,140
g. REMAINING DEFICIENCY		58,211
h. GRAND TOTAL		339,321

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
722.10	MESS HALL MODERNIZATION	LS	7,000	08/90	08/91
	TOTAL		7,000		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

171.50	INDOOR SMALL ARMS RANGE	32,000	SF	2,400
730.10	FIRE STATION	7,300	SF	1,490
171.60	UNIFORM ISSUE BUILDING	76,510	SF	11,313
721.14	BARRACKS	720	PN	17,743
171.10	BUILDING REPLACEMENT	LS		1,200

10. MISSION OR MAJOR FUNCTIONS:
Provide basic indoctrination (recruit training) for enlisted personnel; primary, advanced, and specialized training for officer and enlisted personnel.

Recruit Training Command
Service School Command

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES ($000)

A.	POLLUTION ABATEMENT	0
B.	INSTALLATION RESTORATION	0
C.	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	MESS HALL MODERNIZATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	722.10	P-550	7,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MESS HALL MODERNIZATION	LS	-	-	5,530
SUPPORTING FACILITIES	-	-	-	760
UTILITIES	LS	-	-	(300)
REMOVAL	LS	-	-	(460)
SUBTOTAL	-	-	-	6,290
CONTINGENCY (5.0%)	-	-	-	320
TOTAL CONTRACT COST	-	-	-	6,610
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	390
TOTAL REQUEST	-	-	-	7,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modernization to include structural upgrade, built-up roof replacement, flooring, doors, windows, painting, kitchen equipment, fire protection system, ventilation, air conditioning, utilities, and asbestos and lead paint removal.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Provides for the reactivation of the mess hall at the Recruit Training Command (RTC). (Current mission.)

REQUIREMENT:
Provide adequate feeding capacity for up to 11,018 recruits and apprentice trainees.

CURRENT SITUATION:
There are two mess halls located in RTC. The operating mess hall has a capacity of 7,834 personnel and cannot be expanded. The other mess hall, which was shutdown in 1979, has a feeding capacity of 11,018 personnel. A recent increase of recruits and apprentice trainees significantly exceeds the capacity of the operating mess hall, extending mealtime periods and the overall training day. Training objectives try to maximize time during the eight-week recruit training period. Delays at the mess hall hinder this objective and expensive, much-needed training time is lost to long, non-productive waiting in meal lines. The mess hall is in poor condition with preparation and line equipment a continual maintenance problem. On the average, two of the eight lines in the mess hall are down for two days every week. When more then two lines are down, cold meals are served on paper plates. Since the mess hall must be kept open every day, year round, major repair and maintenance cannot be done. Constant use of the mess hall, without the benefit of maintenance upgrades, has created the worn-out condition of the equipment and structure with the potential for a major shutdown because of equipment failure. A third mess hall, the Service School Command mess hall, is located two and a half miles from this center and does not have

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS

4. PROJECT TITLE	5. PROJECT NUMBER
MESS HALL MODERNIZATION	P-550

11. REQUIREMENT: (CONTINUED)
CURRENT SITUATION: (CONTINUED)
the capacity to accommodate the recruits. No viable alternative exists for feeding recruits other than reactivating the mess hall at RTC.
IMPACT IF NOT PROVIDED:
Dining well beyond capacity will persist as a serious problem.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	08-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	08-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(310)
(B) ALL OTHER DESIGN COSTS	(400)
(C) TOTAL	710
(D) CONTRACT	(650)
(E) IN-HOUSE	(60)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL WEAPONS SUPPORT CENTER, CRANE, INDIANA	NAVAL SEA SYSTEMS COMMAND	1.06

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	14	47	4017	0	0	0	0	0	0	4078
b. END FY 1996	20	53	4017	0	0	0	0	0	0	4090

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(62,511)	
b. INVENTORY TOTAL AS OF 30 SEP 90		149,960
c. AUTHORIZATION NOT YET IN INVENTORY		17,520
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		8,700
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		18,620
h. GRAND TOTAL		194,800

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
217.10	ELECTRONICS MAINT SHOP	70,000 SF	8,700	02/91	04/92
	TOTAL		8,700		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provide material, technical and logistics support for ships and equipment, shipboard weapons systems and assigned expendable and nonexpendable ordnance items, including small arms, fire control, anti-submarine warfare, pyrotechnics, electronic warfare, fleet ballistic missile systems, electronic components such as batteries, microwave tubes, missile components, and rotating components (gyros), conventional ammunition, gun systems, and missiles.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS SUPPORT CENTER, CRANE, INDIANA	ELECTRONICS MAINTENANCE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	217.10	P-246	8,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRONICS MAINTENANCE SHOP	SF	70,000	87.00	6,090
SUPPORTING FACILITIES	-	-	-	1,730
UTILITIES	LS	-	-	(840)
PAVING AND SITE IMPROVEMENT	LS	-	-	(890)
SUBTOTAL	-	-	-	7,820
CONTINGENCY (5.0%)	-	-	-	390
TOTAL CONTRACT COST	-	-	-	210
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	490
TOTAL REQUEST	-	-	-	8,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, concrete foundation and floors, masonry walls, ballasted single-ply roof, computer flooring, fire protection and air conditioning systems, utilities.

11. REQUIREMENT: 70,000 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs an electronics system engineering and maintenance shop. (New mission.)

REQUIREMENT:
Adequate facilities are required to develop, evaluate and improve repair and maintenance technologies for electronic modules and components used in systems like the tactical imbedded computer, enhanced modular signal processor, gunfire control system, and mine hunting and neutralization systems. The high density state-of-the-art electronics in these systems must be inspected, tested, disassembled, repaired, cleaned, and retested as necessary. This center is the only depot level maintenance point for existing deployed systems and is the only Navy activity developing the capability to perform maintenance engineering and repair tasks on new modules.

CURRENT SITUATION:
Maintenance engineering and repair tasks on electronics modules and components are performed in old, scattered warehouse buildings. The buildings' configurations, combined with the lack of adequate floor space for existing test and maintenance equipment, severely limit the center's effectiveness and efficiency in p' forming the electronic engineering maintenance workload. Significant productivity gains and economic benefits can be achieved by consolidating and collocating the electronic engineering and maintenance functions so standard components and resources can be shared.

IMPACT IF NOT PROVIDED:
The maintenance engineering and repair of electronic systems in strategic and tactical weapons of the Navy cannot be accomplished in an efficient

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS SUPPORT CENTER, CRANE, INDIANA

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRONICS MAINTENANCE SHOP	P-246

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED: (CONTINUED)

manner. The degradation in the ability to perform these tasks will result in single contractor dependence, reduced reliability, longer repair times, escalated production and repair costs, and ultimately, reduced response to the fleet, which would result in a direct impact on operational readiness and combat capability.

ADDITIONAL:

An economic analysis has been prepared that indicates a payback period of 2.6 years.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	02-91
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	08-91
(D) DATE DESIGN COMPLETE	04-92

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(300)
(B) ALL OTHER DESIGN COSTS	(100)
(C) TOTAL	400
(D) CONTRACT	(300)
(E) IN-HOUSE	(100)

(4) CONSTRUCTION START: 07-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
D.W. TAYLOR NAVAL SHIP RESEARCH & DEV CEN, ANNAPOLIS, MARYLAND	SPACE AND NAVAL WARFARE SYSTEMS COMMAND	1.04

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	19	1	941	0	0	0	0	0	0	961
b. END FY 1996	19	1	918	0	0	0	0	0	0	938

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	TENANT OF NAVSTA	
b. INVENTORY TOTAL AS OF 30 SEP 90		0
c. AUTHORIZATION NOT YET IN INVENTORY		1,860
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		3,450
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		10,300
g. REMAINING DEFICIENCY		44,750
h. GRAND TOTAL		60,360

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	DESIGN COMPLETE
310.15	COMPOSITE MATERIALS LAB	15,460 SF	3,450	03/91	03/92
	TOTAL		3,450		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

318.10	PROPULSION SYSTEMS LAB	51,940	SF	10,300

10. MISSION OR MAJOR FUNCTIONS:
This center is to be the principal Navy RDT&E center for naval vehicles and logistics and for providing support to the U.S. Maritime Administration and the maritime industry. This center has responsibility for Navy-wide leadership in surface and subsurface vehicles, logistics support systems technology, and experimental aircraft aerodynamics.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
D.W. TAYLOR NAVAL SHIP RESEARCH & DEV CEN. ANNAPOLIS, MARYLAND	COMPOSITE MATERIALS LABORATORY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	310.15	P-172	3,450

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMPOSITE MATERIALS LABORATORY	SF	15,460	-	2,690
BUILDING	SF	15,460	153.00	(2,370)
BUILT-IN EQUIPMENT	LS	-	-	(320)
SUPPORTING FACILITIES	-	-	-	400
UTILITIES	LS	-	-	(290)
PAVING AND SITE IMPROVEMENT	LS	-	-	(110)
SUBTOTAL	-	-	-	3,090
CONTINGENCY (5.0%)	-	-	-	160
TOTAL CONTRACT COST	-	-	-	3,250
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	200
TOTAL REQUEST	-	-	-	3,450
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Partial two-story steel frame building, masonry walls, concrete foundation and floors, built-up roof, 12 feet high ceiling in first floor laboratory areas, laboratory fume hoods, special ventilation system, environmental control system, built-in freezer for materials, material and chemical storage areas, office and administrative areas, exterior unloading and storage areas, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 15,460 SF ADEQUATE: 0 SF SUBSTANDARD 0 SF

PROJECT:

Constructs a facility to house new Navy research and development capabilities in advanced composite materials science and technology to meet the increasing need for composite materials aboard Navy ships. Also provides specialized shop space areas, bench laboratory space, freezer storage, and required support space. (Current mission.)

REQUIREMENT:

This center is the lead laboratory for Navy composite materials technology and development. The unique facilities and technical expertise are not found elsewhere. The cost effectiveness of composites make them essential for surface ship and submarine application. The tremendous potential of these unique materials for stealth enhancement, stealth countermeasures, weight reductions, maintenance reduction, and increased safety aboard surface ships and submarines will only be realized if the Navy responds to the opportunities available in the research, development, and accelerated usage of composites. This requires modern, secure, and adequate facilities to house developmental composite hardware for understanding its design, fabrication, mechanical response, and applications. The new facilities will support the following main technology areas: resin modifications and pre-pregging; lay up; filament winding and automatic tape placement; molding and impregnations; mechanical response; pre-production hardware development; and sample preparation and handling. New composite materials use and

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

D.W. TAYLOR NAVAL SHIP RESEARCH & DEV CEN, ANNAPOLIS, MARYLAND

4. PROJECT TITLE	5. PROJECT NUMBER
COMPOSITE MATERIALS LABORATORY	P-172

11. REQUIREMENT: (CONTINUED)

REQUIREMENT: (CONTINUED)

repair training space is required to capitalize on industrial expertise and to provide industry with guidance on specific Navy needs.

CURRENT SITUATION:

Facilities do not exist to adequately perform research, develop materials, and adapt composites to shipboard use. Layout and work spaces are inadequate for present programs. No space is available to accommodate the rapidly expanding marine composite technology and new equipment required to capitalize on the potential available for shipboard applications.

IMPACT IF NOT PROVIDED:

Without this project, the Navy will not be able to take advantage of advancing technology and substantial savings associated with the development and use of composites on surface ships and submarines. Prototyping of new machinery and structural concepts will be restricted, transmitting composite hardware to the fleet will be impeded, and the applications of new composite materials will be delayed. The Navy will not be able to keep pace with the rapid expansion in marine composite technology and will be relegated to providing routine service work and continue to make unnecessary repairs and costly over-designs. The Navy will not experience the cost savings, stealth capabilities, weight reductions, and reductions in ship acquisition and maintenance costs that are available through research and development and the application of advanced marine composite materials.

ADDITIONAL:

An economic analysis has been prepared that indicates a payback of 2.7 years.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	03-91
(B)	PERCENT COMPLETE AS OF JANUARY 1991	60
(C)	DATE DESIGN 35% COMPLETE	08-91
(D)	DATE DESIGN COMPLETE	03-92

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(175)
(B)	ALL OTHER DESIGN COSTS	(120)
(C)	TOTAL	295
(D)	CONTRACT	(265)
(E)	IN-HOUSE	(30)

(4) CONSTRUCTION START: 06-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL RADIO TRANSMITTING FACILITY, ANNAPOLIS, MARYLAND	NAVAL COMPUTER & TELE-COMMUNICATIONS COMM	1.04

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	3	54	18	0	0	0	0	0	0	75
b. END FY 1996	3	54	18	0	0	0	0	0	0	75

7. INVENTORY DATA ($000)

	TENANT OF NAVSTA
a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,220
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	0
g. REMAINING DEFICIENCY	0
h. **GRAND TOTAL**	5,220

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
132.10	ANTENNA MODIFICATIONS	LS	2,400	05/90	11/90
812.30	ELECT DISTR SYSTEM IMPRVS	LS	1,900	06/90	04/91
812.30	ELECTR DISTR SYSTEM IMPRVS	LS	920	06/90	03/91
	TOTAL		5,220		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provides very low frequency communications to submarines operating in the Atlantic area. Operates as a segment of the Defense Communications System (DCS).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL RADIO TRANSMITTING FACILITY, ANNAPOLIS, MARYLAND	ANTENNA MODIFICATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303113N	132.10	P-810	2,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ANTENNA MODIFICATIONS	LS	-	-	2,150
BUILDINGS	SF	2,700	48.00	(130)
HOISTS	LS	-	-	(1,220)
TOWER MODIFICATIONS	LS	-	-	(630)
PADS AND PIERS	LS	-	-	(170)
SUBTOTAL	-	-	-	2,150
CONTINGENCY (5.0%)	-	-	-	110
TOTAL CONTRACT COST	-	-	-	2,260
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Six pre-fabricated metal buildings housing diesel-engine hydraulic hoist systems; concrete pads and anchoring piers; modifications to 10 antenna towers including: reinforced gusset plate welds; safety climbing devices including railings, toe-guards, and platform guards; 17 sheave boom assemblies mounted at top of towers.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides modifications to the very low frequency (VLF) communications tower and installs maintenance and repair hoist systems for 10 antenna towers. (Current mission.)

REQUIREMENT:

Naval submarine forces depend upon the VLF communications system for reliable strategic communications. The reliability of the system depends on the physical condition of the triangular array of cables and four panels, the "top hat," through which the VLF signal is transmitted. Prevention of deterioration and failure requires regular inspection and maintenance of the components on a five year cycle. Accessibility and the elimination of stress requires that the top hat be lowered to the ground for maintenance operations.

CURRENT SITUATION:

The top hat of the VLF antenna is continuously exposed to the elements and deteriorates because of a lack of maintenance. Inspections and maintenance require lowering the top hat to the ground. Currently, there is no system for lowering or raising the top hat panels. The tower modifications will ensure the towers are not overstressed during the raising and lowering operations. The pins, shackles, insulators, and other components of the top hat are excessively deteriorated because of a lack of maintenance.

IMPACT IF NOT PROVIDED:

Inspection and maintenance of the system will continue to be impossible and the transmitting capability will deteriorate with the risk of

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL RADIO TRANSMITTING FACILITY, ANNAPOLIS, MARYLAND

4. PROJECT TITLE	5. PROJECT NUMBER
ANTENNA MODIFICATIONS	P-810

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
significant failure and downtime.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	100
(C) DATE DESIGN 35% COMPLETE	07-90
(D) DATE DESIGN COMPLETE	11-90

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(39)
(B) ALL OTHER DESIGN COSTS	(81)
(C) TOTAL	120
(D) CONTRACT	(96)
(E) IN-HOUSE	(24)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL RADIO TRANSMITTING FACILITY, ANNAPOLIS, MARYLAND	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303113N	812.30	P-963	1,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS. .	LS	-	-	1,710
SWITCHGEAR	LS	-	-	(1,540)
ELECTRICAL CABLE	LS	-	-	(140)
POWER PLANT BUILDING ADDITION.	SF	120	250.00	(30)
SUBTOTAL	-	-	-	1,710
CONTINGENCY (5.0%).	-	-	-	90
TOTAL CONTRACT COST.	-	-	-	1,800
SUPERVISION, INSPECTION & OVERHEAD (6.0%) . .	-	-	-	100
TOTAL REQUEST.	-	-	-	1,900
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

15KV vacuum circuit-breaker switchgear with control wiring cubicles; 15KV distribution cables, ductbanks and manholes; one-story building addition, concrete foundation and floor, masonry walls, built-up roof, epoxy-coated floor and walls, emergency eyewash/shower, utilities.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Improves the power plant's electrical distribution system to increase the reliability of electrical power to critical communications facilities. (Current mission.)

REQUIREMENT:

This facility requires a reliable electrical power plant and distribution system to operate essential telecommunications systems for the fleet and the Defense Communications Agency.

CURRENT SITUATION:

The reliability of the existing electrical power system is jeopardized by antiquated air circuit breaker switchgear located in the power plant. Electrical circuits from the power plant to the Very Low Frequency (VLF) and Low Frequency (LF) buildings are routed through the same feeder and circuit breaker in addition to the circuit to the administration building. These conditions do not provide the required redundancy in the emergency power distribution system. Additionally, feeders from the power plant to the communication facilities are routed through common ductbanks and manholes. A single cable failure would most likely result in a total loss of power from the disabling of the remaining cables in the manhole. The power loss would negate the ability to provide essential telecommunications to the Fleet and the Defense Communications Agency.

IMPACT IF NOT PROVIDED:

The activity transmitting system will continue to operate dependent upon an unreliable electrical power source. Switchgear will be subject to more frequent failures, longer and more frequent outages will occur, the

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL RADIO TRANSMITTING FACILITY, ANNAPOLIS, MARYLAND

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	P-963

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
generators will deteriorate at an accelerated rate, the battery back-up will be more susceptible to failures, and the possibility of catastrophic damage resulting from short circuits will increase. The use of a common ductbank will continue to pose the threat of a complete failure, preventing this facility from completing it's mission.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	80
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	04-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(89)
(B)	ALL OTHER DESIGN COSTS	(47)
(C)	TOTAL	136
(D)	CONTRACT	(110)
(E)	IN-HOUSE	(26)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NATIONAL NAVAL MEDICAL CENTER, BETHESDA, MARYLAND	BUREAU OF MEDICINE AND SURGERY	1.05

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	1211	2034	1726	742	294	0	154	243	0	6404
b. END FY 1996	1256	2009	1715	766	201	0	155	256	0	6358

7. INVENTORY DATA ($000)

	TENANT OF NAVHOSP
a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	9,040
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,470
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	9,500
g. REMAINING DEFICIENCY	27,830
h. **GRAND TOTAL**	50,840

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BEQ MODERNIZATION	47,560 SF	3,500	07/90	07/91
832.10	SANITARY SEWAGE SYS IMPVS	LS	970	06/90	12/90
	TOTAL		4,470		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

740.74	CHILD DEVELOPMENT CENTER	LS	1,000
721.11	BACHELOR ENLISTED QUARTERS	LS	7,000
841.10	WATER STORAGE TANK	LS	1,500

10. MISSION OR MAJOR FUNCTIONS:

Ensure assigned naval shore activities are provided resources to carry out their assigned missions; provide a comprehensive range of emergency, outpatient, patient, and inpatient health care services to active duty Navy and Marine Corps personnel and active duty members of other Federal Uniformed Services; direct the overall provision of comprehensive and quality health care services by all assigned activities; ensure all assigned military personnel are both aware of and properly trained for the performance of their assigned contingency and wartime duties; ensure the command and all assigned activities are maintained in a proper state of material and personnel readiness to fulfill their respective wartime and contingency mission plans; conduct graduate and postgraduate education programs for naval medical students and medical department officers.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NATIONAL NAVAL MEDICAL CENTER, BETHESDA, MARYLAND	BACHELOR ENLISTED QUARTERS MODERNIZATION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0807796N	721.11	P-923	3,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS MODERNIZATION . . .	SF	47,560	64.00	3,040
SUPPORTING FACILITIES.	-	-	-	100
UTILITIES, SITE IMPROVEMENT, AND REMOVAL . .	LS	-	-	(100)
SUBTOTAL	-	-	-	3,140
CONTINGENCY (5.0%).	-	-	-	160
TOTAL CONTRACT COST.	-	-	-	3,300
SUPERVISION, INSPECTION & OVERHEAD (6.0%) . .	-	-	-	200
TOTAL REQUEST.	-	-	-	3,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Modernize and renovate existing three-story building to provide 48 two-bedroom modules with private baths, lounges, laundry areas, storage, vending, fire protection system; upgrade electrical, mechanical and communication systems; asbestos removal.
Grade mix: 192 E1-E4. Total: 192

11 REQUIREMENT: 1,368 PN ADEQUATE: 430 PN SUBSTANDARD: (294) PN

PROJECT:
Modernizes a bachelor enlisted quarters for 192 enlisted personnel. (Current mission.)

REQUIREMENT:
Adequate housing for bachelor enlisted personnel assigned to the hospital as staff and students.

CURRENT SITUATION:
Existing berthing capacity of 836 spaces includes accommodations found by 112 in the civilian community and 430 adequate spaces at the hospital. There are 294 substandard spaces eligible for modernization. This project will modernize 192 spaces. A follow-on modernization project for 102 spaces and a new construction requirement for 532 are currently planned.

IMPACT IF NOT PROVIDED:
If these facilities are not upgraded, the enlisted students will continue to be housed in substandard quarters to the detriment of morale, training and career retention efforts.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NATIONAL NAVAL MEDICAL CENTER, BETHESDA, MARYLAND

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS MODERNIZATION	P-923

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(185)
(B) ALL OTHER DESIGN COSTS	(220)
(C) TOTAL	405
(D) CONTRACT	(330)
(E) IN-HOUSE	(75)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AIR TEST CENTER, PATUXENT RIVER, MARYLAND	COMMANDER IN CHIEF, ATLANTIC FLEET	.95

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	554	3106	3382	57	58	0	4	12	0	7173
b. END FY 1996	588	3003	3567	57	58	0	3	7	0	7283

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(7,123)	
b. INVENTORY TOTAL AS OF 30 SEP 90		259,030
c. AUTHORIZATION NOT YET IN INVENTORY		29,290
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		5,800
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		1,009,940
h. GRAND TOTAL		1,304,060

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143.47	ALERT FORCE FACILITY	10,370 SF	5,800	08/90	07/91
	TOTAL		5,800		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Test and evaluate aircraft and weapon systems, components, and their related equipment for Fleet use. Station also supports tactical support squadrons and the Navy Test Pilot School.

Fleet Air Reconnaissance Squadron VQ-4 (Functions move to Tinker AFB early 1990's.)
Oceanographic Development Squadron VXN-8
Air Test and Evaluation Squadron VX-1
Navy Test Pilot School

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	2,800

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR TEST CENTER, PATUXENT RIVER, MARYLAND	ALERT FORCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	143.47	P-494	5,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALERT FORCE FACILITY	SF	10,370	-	5,210
PERSONNEL SUPPORT BUILDING	SF	10,370	210.00	(2,180)
AIRCRAFT SUPPORT FACILITIES	LS	-	-	(2,080)
AIRCRAFT READY FUELING SYSTEM	LS	-	-	(950)
SUBTOTAL	-	-	-	5,210
CONTINGENCY (5.0%)	-	-	-	260
TOTAL CONTRACT COST	-	-	-	5,470
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	330
TOTAL REQUEST	-	-	-	5,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story masonry wall building, partially underground with earth berms, concrete foundation and floor, pre-cast concrete roof; building includes space for sleeping, mess, recreation and communications facility with electromagnetic and radio frequency interference (EMI/RFI) shielding, fire protection system, air conditioning, utilities; aircraft support facilities including: maintenance facility, parking apron and taxiways, ready issue aircraft fuel storage and dispensing system; fixed point utility system, heating and air conditioning system for standby alert aircraft, security fencing.

11. REQUIREMENT: 10,370 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a ready (instant launch) alert force facility with supporting aircraft utilities. (New mission.)

REQUIREMENT:
Adequate facilities to support the mission of providing the President of the United States and the Joint Chiefs of Staff (JCS) with a survivable and durable means to command the Nation's strategic nuclear weapons arsenal. This requires an aircraft to be airborne 24 hours a day, every day of the year as well as a rapid response alert. To satisfy this mission, a collocated crew with aircraft and rapid launch notification is required.

CURRENT SITUATION:
This Center has been designated as the alert site for Atlantic Tacamo operations which requires operational capability to execute JCS mission requirements. There are no facilities that will meet these requirements. Facilities approved and under construction at Tinker Air Force Base will provide the squadron with a central support base near maintenance facilities designed for 707-derivative aircraft. Alert sites with minimum support facilities are required on the east coast and Hawaii to ensure readiness and access to submarine operating areas.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR TEST CENTER, PATUXENT RIVER, MARYLAND

4. PROJECT TITLE	5. PROJECT NUMBER
ALERT FORCE FACILITY	P-494

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:
Fleet Air Reconnaissance Squadron 4 will not be able to meet mission requirements, and Presidential/JCS communications link with our strategic nuclear forces would be severely degraded.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	08-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	35
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO_X_

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(255)
(B)	ALL OTHER DESIGN COSTS	(250)
(C)	TOTAL	505
(D)	CONTRACT	(467)
(E)	IN-HOUSE	(38)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL ELECTRONIC SYSTEMS ENGINEERING ACT, ST. INIGOES, MARYLAND	SPACE AND NAVAL WARFARE SYSTEMS COMMAND	.95

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	4	19	326	0	0	0	0	0	0	349
b. END FY 1996	4	27	326	0	0	0	0	0	0	357

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(969)	
b. INVENTORY TOTAL AS OF 30 SEP 90		24,050
c. AUTHORIZATION NOT YET IN INVENTORY		6,970
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		8,450
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		21,080
h. GRAND TOTAL		60,550

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
317.25	ACLS INTEGRATION/TEST FAC	7,200	SF	1,750	07/90	07/91
317.25	ELECS SYS INTEGRATION LAB	27,900	SF	5,800	05/88	05/91
931.10	SANITARY WASTEWATER SYSTEM	LS		900	07/90	11/90
	TOTAL			8,450		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Performs test and evaluation on electronics systems and equipment; provides technical support and services to users of Navy electronic systems and equipment; integrates electronics systems for new ship types and develops prototype equipment modifications.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL ELECTRONIC SYSTEMS ENGINEERING ACT, ST. INIGOES, MARYLAND	ACLS INTEGRATION AND TEST FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	317.25	P-712	1,750

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ACLS INTEGRATION AND TEST FACILITY	SF	7,200	146.00	1,050
SUPPORTING FACILITIES	-	-	-	520
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(80)
ELECTRICAL UTILITIES	LS	-	-	(170)
MECHANICAL UTILITIES	LS	-	-	(100)
PAVING AND SITE IMPROVEMENT	LS	-	-	(70)
SUBTOTAL	-	-	-	1,570
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,650
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,750
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, pile foundation, concrete floor, masonry walls, built-up roof; computer flooring, emergency generator, energy monitoring and control system; fire protection system, air conditioning, utilities.

11. REQUIREMENT: 23,550 SF ADEQUATE: 16,350 SF SUBSTANDARD: 0 SF

PROJECT:

Provides an Automatic Carrier Landing System (ACLS) Integration and Test Facility. (Current mission.)

REQUIREMENT:

An ACLS overhaul and restoration test bed, where systems integration and quality assurance testing can be performed on a variety of radar systems. Efficient and cost-effective support of the ACLS overhaul and restoration efforts to maintain these systems to their "end of life." The facility will expedite the shipboard installation, checkout, and certification of the ACLS's through integrating and testing the various pieces of electronic equipment in a laboratory environment after they have been overhauled or restored. It will also support future ACLS modifications and new ship requirements.

CURRENT SITUATION:

Maintaining the present carrier and amphibious vessels through the 90's requires a program of new construction and periodic shipyard evolutions intended to extend the service life of existing carriers and ultimately reduce the number of new ships that must be built. During these shipyard evolutions, the electronic equipment must also be overhauled and upgraded to ensure that systems critical to the ship's mission remain technologically up to date and continue to operate at peak efficiency. Included within the shipyard overhaul evolution is the rehabilitation, upgrade, and modification of the ACLS. During the overhaul, the ACLS is completely removed from the ship and the components are sent to various depots, including the shipyard, to be overhauled. Modifications are also incorporated to bring the system to the latest authorized

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL ELECTRONIC SYSTEMS ENGINEERING ACT, ST. INIGOES, MARYLAND

4. PROJECT TITLE	5. PROJECT NUMBER
ACLS INTEGRATION AND TEST FACILITY	P-712

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
configuration. After the overhaul and update, the system is reinstalled during the integration and testing phases before the intricate checkout process that will lead to the certification of the overhauled ACLS. To respond more effectively in overhauling, modifying, and providing operationally verified systemt for the Navy, an integration and test facility is required. Current test bed facilities at this activity are inadequate to meet the requirements for integrating and testing new and refurbished ACLS equipment. This activity has no facilities for performing full system testing of software and hardware modifications to the AN/SPN-42A and AN/SPN-41 systems.

IMPACT IF NOT PROVIDED:
The integration and test phases for the ACLS will continue to be performed onboard ship, requiring excessive dollars and personnel. Shipboard testing results in lost time because of schedule conflicts, inaccessibility to ACLS spaces, component part delivery delays, unstable input power, uncertain environmental control, and unreliable quality control. Scheduling problems and inadequate quality control result in a reduction of aircraft carrier operational readiness and safety.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(79)
(B) ALL OTHER DESIGN COSTS	(96)
(C) TOTAL	175
(D) CONTRACT	(151)
(E) IN-HOUSE	(24)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL ELECTRONIC SYSTEMS ENGINEERING ACT, ST. INIGOES, MARYLAND	ELECTRONICS SYSTEMS INTEGRATION LABORATORY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	317.25	P-720	5,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRONICS SYSTEMS INTEGRATION LABORATORY	SF	27,900	146.00	4,070
SUPPORTING FACILITIES	-	-	-	1,140
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(100)
UTILITIES	LS	-	-	(300)
PAVING AND SITE IMPROVEMENT	LS	-	-	(740)
SUBTOTAL	-	-	-	5,210
CONTINGENCY (5.0%)	-	-	-	260
TOTAL CONTRACT COST	-	-	-	5,470
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	330
TOTAL REQUEST	-	-	-	5,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, pile foundation, concrete floor, brick and masonry walls, built-up roof; computer flooring, 400 HZ electrical power system, energy monitoring and control system, lightning protection; fire protection system, air conditioning, utilities.

11. REQUIREMENT: 44,250 SF ADEQUATE: 16,350 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a facility for the complete life-cycle support of the new Automatic Carrier Landing System, AN/SPN-46 (V). (Current mission.)

REQUIREMENT:
Adequate facilities for software and hardware maintenance and repair, software configuration management, and problem analysis support for the new AN/SPN-46 (V) Aircraft Carrier Landing System (ACLS). The AN/SPN-46 (V) is a technological update of the existing carrier landing system and will provide improved reliability and performance throughout the entire aircraft recovery process with the implementation of digital processing in place of previously used analog components. Both hardware and software support must be provided to ensure the highest level of technical assistance, to optimize maintenance and logistics activities, and to provide for software development, modification, and configuration control of all systems installations. This will be the only facility with these capabilities within the Navy.

CURRENT SITUATION:
The new ACLS, AN/SPN-46 (V) is expected to be installed in all carriers. This system relies heavily upon digital processing replacing analog components. This activity does not have the capability to perform the necessary testing and evaluation required nor does it have the facilities to function as the field maintenance agent or software support activity for the system.

IMPACT IF NOT PROVIDED:
This activity cannot support the ACLS. Fleet readiness will be impaired and the safety, security, and control of aircraft recovery will not be

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL ELECTRONIC SYSTEMS ENGINEERING ACT, ST. INIGOES, MARYLAND

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRONICS SYSTEMS INTEGRATION LABORATORY	P-720

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
as effective because the Navy will not be able to use, support, control, and upgrade the new AN/SPN-46 (V) effectively and to its fullest potential.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-88
(B) PERCENT COMPLETE AS OF JANUARY 1991	80
(C) DATE DESIGN 35% COMPLETE	12-88
(D) DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(215)
(B) ALL OTHER DESIGN COSTS	(196)
(C) TOTAL	411
(D) CONTRACT	(375)
(E) IN-HOUSE	(36)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AIR STATION, FALLON, NEVADA	COMMANDER IN CHIEF, PACIFIC FLEET	1.19

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	99	743	256	0	0	0	0	0	0	1098
b. END FY 1996	103	770	256	0	0	0	0	0	0	1129

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(126,782)	
b. INVENTORY TOTAL AS OF 30 SEP 90		176,640
c. AUTHORIZATION NOT YET IN INVENTORY		12,700
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,500
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		7,430
g. REMAINING DEFICIENCY		14,410
h. **GRAND TOTAL**		213,680

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
134.70	RANGE AIR SURV FAC	LS	2,500	04/88	10/91
	TOTAL		2,500		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

211.05	HANGAR FIRE PROTECTION	LS		1,500
141.25	A/C FIRE CRASH STA ADDN	7,715	SF	2,500
113.20	AIRCRAFT X-RAY SHELTER	LS		700
724.12	BOQ MODERNIZATION	50	PN	1,900
872.10	PERIMETER SECURITY FENC	58,000	LF	830

10. MISSION OR MAJOR FUNCTIONS:
Maintains and operates facilities and provides services and materiels to support aerial weapons training for fleet squadrons and carrier air wings on rotational deployments.

Navy Strike Warfare Center
Four air-to-ground ranges
One electronic warfare range

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	450
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, FALLON, NEVADA	RANGE AIR SURVEILLANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	134.70	P-282	2,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
RANGE AIR SURVEILLANCE FACILITY	LS	-	-	500
SUPPORTING FACILITIES	-	-	-	1,750
ELECTRICAL UTILITIES	LS	-	-	(1,030)
PAVING AND SITE IMPROVEMENT	LS	-	-	(720)
SUBTOTAL	-	-	-	2,250
CONTINGENCY (5.0%)	-	-	-	110
TOTAL CONTRACT COST	-	-	-	2,360
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(9,080)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two fixed radar sites, concrete pads, fence, transformer, generator, access road, and electric power transmission line.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides support facilities for two separate air traffic control radar units. (Current mission.)

REQUIREMENT:

All areas of concentrated air traffic, military and civilian, require ground-based radar tracking equipment to facilitate safe separation among scheduled and unscheduled air traffic. Fallon is required to provide real-time air space management within its Special Use Airspace (SUA) complex, which comprises eight restricted areas, five military operating areas, a supersonic operating area and a civil air corridor. These radar sites will provide essential range surveillance and air traffic advisory assistance to both military and civilian pilots. This system will provide the air traffic controller a means to take positive action to alleviate potentially hazardous situations, and provide improved air traffic safety within those areas where the greatest concentration of air traffic occupies the least amount of airspace.

CURRENT SITUATION:

The existing air traffic radar systems provide very limited coverage of the Fallon SUA. Two of the radars are long-range, but have relatively long periods (12 seconds) between updates. These systems are adequate for high-altitude commercial air traffic operating on charted airways, but are not capable of tracking high-speed-maneuvering military aircraft. The third radar has a much shorter update period, but is strictly utilized as area approach radar for the immediate vicinity of the airfield. An Unspecified Minor MILCON project will provide one urgently needed, safety oriented gap-filler radar.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, FALLON, NEVADA

4. PROJECT TITLE	5. PROJECT NUMBER
RANGE AIR SURVEILLANCE FACILITY	P-282

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:

This project is critical to the low-altitude, safe separation of military and civil aircraft in areas of high air traffic congestion. The potential for near-miss situation or mid-air collision between military and civil aircraft in the Fallon airspace will result in broad scale adverse publicity and substantial litigation against the Navy. Long-term improvement toward air safety within the Navy's finest air training complex will not be realized.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	04-88
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-88
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(200)
(B) ALL OTHER DESIGN COSTS	(230)
(C) TOTAL	430
(D) CONTRACT	(410)
(E) IN-HOUSE	(20)

(4) CONSTRUCTION START: 03-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
OPERATIONAL COMMUNICATION SYSTEMS	OPN	1993	4,540
OPERATIONAL COMMUNICATION SYSTEMS	OPN	1994	4,540
		TOTAL	9,080

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL WEAPONS STATION, EARLE, NEW JERSEY	NAVAL SEA SYSTEMS COMMAND	1.17

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	155	2546	702	0	0	0	0	79	0	3482
b. END FY 1996	147	2734	702	0	0	0	0	79	0	3662

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(11,158)	
b. INVENTORY TOTAL AS OF 30 SEP 90		136,340
c. AUTHORIZATION NOT YET IN INVENTORY		132,780
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		4,900
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		133,700
g. REMAINING DEFICIENCY		57,785
h. GRAND TOTAL		465,505

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
740.74	CHILD DEVELOPMENT CENTER	8,500	SF	1,250	04/90	02/91
851.10	ROAD IMPROVEMENTS	LS		3,650	08/90	05/91
	TOTAL			4,900		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

143.11	MHE SERVICE CENTER	6,140	SF	800
151.10	PIER EXTENSION (PHASE II)	LS		40,000
213.58	SMALL BOAT SHOP	LS		1,000
151.20	GEN PURP BERTH PIER (PH I)	208,450	SF	20,000
151.10	PIER EXTENSION (PHASE III)	LS		40,000

10. MISSION OR MAJOR FUNCTIONS:

Receive, renovate, maintain, store, and issue ammunition, explosives, expendable ordnance items, weapons, and technical ordnance material. Maintain basic and war reserve ammunition stocks. Act as overseas ammunition transshipment point for Armed Forces. Conduct RDT&E in-service engineering and fleet support for packaging, handling, storage, and transportation of ammunition. Provide logistics and port terminal services in support of homeported ammunition ships.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, EARLE, NEW JERSEY	CHILD DEVELOPMENT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	740.74	P-871	1,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CHILD DEVELOPMENT CENTER	SF	8,500	105.00	890
SUPPORTING FACILITIES	-	-	-	230
UTILITIES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENT	LS	-	-	(100)
SUBTOTAL	-	-	-	1,120
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,180
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, concrete floor and foundation, masonry walls with brick facing, built-up roof over insulation on metal decking with open web steel joists, kitchen, fire protection system, storage area, air conditioning, mechanical equipment, fenced playground, parking; utilities.

11. REQUIREMENT: 8,500 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs a child development center for school and pre-school age children of military families assigned to the station and to homeported ships. (New mission.)

REQUIREMENT:
Child care centers provide supervised care for infants, pre-school and school age children in a suitably designed facility, on a regularly scheduled or drop-in basis, when parents are at work or at times when the family is temporarily unable to care for them. Child care centers are a necessary element in today's volunteer force as their availability alleviates mar problems incurred by Navy parents who are single, who both work or have other special needs. These centers make the quality of ser. ce life more appealing to military personnel and their spouses. The station provides support to about 1,100 military families.

CURRENT SITUATION:
Earle has no adequate child care facilities. Children are presently cared for in unlicensed, informal private home arrangements where the child's safety and the quality of care being provided cannot be assured.

IMPACT IF NOT PROVIDED:
The growing family population at this station, coupled with the lack of quality child care will lead to stressful family and morale problems. The economic hardships for military families and the unsatisfactory environments for their children will continue.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, EARLE, NEW JERSEY

4. PROJECT TITLE	5. PROJECT NUMBER
CHILD DEVELOPMENT CENTER	P-871

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	04-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	80
(C)	DATE DESIGN 35% COMPLETE	08-90
(D)	DATE DESIGN COMPLETE	02-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(60)
(B)	ALL OTHER DESIGN COSTS	(40)
(C)	TOTAL	100
(D)	CONTRACT	(10)
(E)	IN-HOUSE	(90)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, EARLE, NEW JERSEY	ROAD IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	851.10	P-931	3,650

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ROAD IMPROVEMENTS	LS	-	-	3,050
ROADWAY TRAFFIC CONTROL SYSTEMS	LS	-	-	(1,060)
RAIL CROSSING TRAFFIC CONTROL SYSTEMS	LS	-	-	(1,100)
VEHICLE PARKING LOT	SY	21,800	41.00	(890)
SUPPORTING FACILITIES	-	-	-	230
UTILITIES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENT	LS	-	-	(100)
SUBTOTAL	-	-	-	3,280
CONTINGENCY (5.0%)	-	-	-	160
TOTAL CONTRACT COST	-	-	-	3,440
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	210
TOTAL REQUEST	-	-	-	3,650
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Prioritized traffic signal system with pedestrian sequences and railroad pre-emption capability, intersection roadway realignment; railroad crossings with light signals and automatic gate systems, railroad pre-emption connection to roadway traffic signal system; bituminous paved vehicle parking lot with entrance road, lighting; utilities.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides signal light systems at road intersections, automatic gate and light systems at grade crossings of public roads with the Navy railroad, and a vehicle parking lot in the waterfront area for ships crews. (New mission.)

REQUIREMENT:

Adequate traffic regulatory devices to improve safety along Normandy Road and at grade crossings of the Navy railroad. Normandy Road is a Navy owned, 15-mile-long, two-lane road connecting the main station with the waterfront area. A Navy double track railroad runs parallel to Normandy Road. Normandy Road is principally used for transporting explosives, weapons and supplies from the main station to the waterfront, but is also used by personnel on official business. The road and railroad are crossed at grade by eight public roadways. Four of the road intersections with Normandy Road have been signalized by the station. The four remaining intersections and all eight railroad grade crossings require automatic traffic controls to improve safety. Nearby residential and commercial development are increasing vehicular traffic in the area. In the Navy owned corridor, traffic volume will also increase significantly with the arrival of the fast combat support ships (AOE's) being homeported at Earle in 1990. Parking space is required for the AOE crews at the waterfront. The traffic growth greatly increases the potential for vehicular accidents, possibly involving ordnance.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, EARLE, NEW JERSEY

4. PROJECT TITLE	5. PROJECT NUMBER
ROAD IMPROVEMENTS	P-931

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION:
Traffic control at the four intersections with Normandy Road and at four of the grade crossings with the railroad consists only of standard, lettered, stop and warning signs. The remaining four railroad grade crossings have flashing light signals, as well as standard, lettered signs. The signs have proven to be ineffective and largely ignored. There is inadequate parking space at the waterfront to absorb the AOE crew vehicles.

IMPACT IF NOT PROVIDED:
The roadway intersections and railroad grade crossings will continue to be regulated by ineffective warning signs. The potential for traffic accidents, possibly involving explosives, between Navy vehicles and those using the eight public roadways will increase.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	08-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(150)
(B)	ALL OTHER DESIGN COSTS	(140)
(C)	TOTAL	290
(D)	CONTRACT	(250)
(E)	IN-HOUSE	(40)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	COMMANDANT OF THE MARINE CORPS	.82

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	229	2531	2238	79	3944	0	1959	28194	1667	40841
b. END FY 1996	515	3113	3897	194	6634	0	1880	26922	140	43295

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(87,380)	
b. INVENTORY TOTAL AS OF 30 SEP 90		626,720
c. AUTHORIZATION NOT YET IN INVENTORY		96,898
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,500
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		65,970
g. REMAINING DEFICIENCY		130,730
h. GRAND TOTAL		922,818

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
124.50	VEHICLE READY FUEL STG FAC	LS	2,500	05/90	07/91
	TOTAL		2,500		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

179.40	AUTOMATED FLD FIRING RANGE	LS		1,500
179.40	MULTI-PURP MECH GUN RANGE	LS		1,500
214.55	OIL SPILL PREVENTION	LS		4,100
179.40	SMALL ARMS RANGE - OUTDOOR	LS		2,500
214.51	COMBAT VEH MAINT SHOP	31,060	SF	4,850

10. MISSION OR MAJOR FUNCTIONS:
Provide housing, training facilities, logistics support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools for other training as directed.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	4,100
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	VEHICLE READY FUEL STORAGE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0206496M	12-.50	P-853	2,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
VEHICLE READY FUEL STORAGE FACILITY	LS	-	-	1,100
BUILDING	SF	1,200	115.00	(140)
BULK FUEL STORAGE	GA	160,000	2.30	(370)
VEHICLE FUELING	LS	-	-	(590)
SUPPORTING FACILITIES	-	-	-	1,150
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(70)
UTILITIES	LS	-	-	(280)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(800)
SUBTOTAL	-	-	-	2,250
CONTINGENCY (5.0%)	-	-	-	110
TOTAL CONTRACT COST	-	-	-	2,360
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story masonry building, built-up roof, office space, duty room, lavatory facilities, air conditioning; three above-ground steel fuel storage tanks, concrete containment dike, internal floating pan for vapor loss control, foam fire protection system; parking, loading and unloading pumps, spill containment curbing, buried spill containment tank; three vehicle fuel islands, gasoline dispensers, pipe drainage system, oil/water separator, storm water retention and vegetative filter system; demolition of 15 tanks and six buildings.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Construct a vehicle ready fuel storage facility to provide above-ground fuel storage and modern, environmentally effective dispensing station facilities. (Current mission.)

REQUIREMENT:

A centrally-located fuel storage and dispensing facility to provide fuel for the more than 4,100 military vehicles, both tactical and commercial, at this base. A dispensing station is required to establish a main refueling point for all military vehicles and equipment.

CURRENT SITUATION:

Existing fuel storage and dispensing station were constructed in 1943 and are causing groundwater contamination at Hadnot Point. Several buried storage tanks have been abandoned because of leaks, and maintenance costs have increased significantly in attempting to repair and replace fuel tanks and piping systems. The base has been served with a Notice of Violation by the State of North Carolina, a Notice of Federal Requirements, and the fuel farm has been placed on the Federal National Priorities list for cleanup. Also, the present site cannot efficiently and effectively fuel the increased number of vehicles in service.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
VEHICLE READY FUEL STORAGE FACILITY	P-853

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:
Maintenance and repair expenditures will continue to rise as more leaks are evident. Fuel leaks could require extensive contaminated soil cleanup which could reduce the ability to store and dispense fuels. The lack of adequate fuel storage capacity will impair the combat readiness of the base.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	09-90
(D)	DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(140)
(B)	ALL OTHER DESIGN COSTS	(27)
(C)	TOTAL	41[illegible]
(D)	CONTRACT	(230)
(E)	IN-HOUSE	(180)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA	COMMANDANT OF THE MARINE CORPS	.83

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	183	997	4759	70	240	0	922	7411	1207	15789
b. END FY 1996	224	947	4807	71	250	0	1014	7363	1610	16286

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(28,066)	
b. INVENTORY TOTAL AS OF 30 SEP 90		371,500
c. AUTHORIZATION NOT YET IN INVENTORY		74,322
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		18,450
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		20,850
g. REMAINING DEFICIENCY		167,910
h. **GRAND TOTAL**		653,032

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
179.10	ARCFT BOMBING RGE SPT FACS	LS	1,450	06/89	09/91
831.10	WASTEWTR TREAT PLANT IMPVS	LS	17,000	05/90	06/91
	TOTAL		18,450		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

131.15	COMMUNICATIONS CENTER	LS		1,450
211.06	MAINT HANGAR RENMOVATION	164,000	SF	4,750
610.71	OPERS/MAINT FACILITY	18,600	SF	2,350
211.05	AIRCRAFT HANGAR IMPRV	LS		5,700
610.20	DATA PROCESSING CENTER	51,260	SF	5,500

10. MISSION OR MAJOR FUNCTIONS:

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

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA	AIRCRAFT BOMBING RANGE SUPPORT FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0206496M	179.10	P-031	1,450

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT BOMBING RANGE SUPPORT FACILITIES	LS	-	-	580
ROAD NETWORK, EMITTER SITES	SY	23,000	8.00	(180)
TOWER CONSTRUCTION	LS	-	-	(400)
SUPPORTING FACILITIES	-	-	-	720
ELECTRICAL UTILITIES	LS	-	-	(130)
PAVING, SITE IMPROVEMENT AND FENCING	LS	-	-	(590)
SUBTOTAL	-	-	-	1,300
CONTINGENCY (5.0%)	-	-	-	70
TOTAL CONTRACT COST	-	-	-	1,37.
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,450
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Single-story steel panel building, concrete slab on grade; site preparation for major emitter sites for the Mid-Atlantic Electronic Warfare Range (MAEWR), filled and graded areas with 30' high tower platforms on which to mount the emitters; access roads, security fencing, utilities.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides site preparation for the installation of electronic warfare emitters consisting of tower platforms, access road network interfacing with the existing roads or runways, power distribution to the sites and security fencing. (Current mission.)

REQUIREMENT:

The expansion of the bombing range at the Mid-Atlantic Electronic Warfare Range (MAEWR) located at Marine Corps Auxiliary Landing Field Atlantic. This involves the placement of emitters in configuration to simulate threats which may be encountered during an aircraft attack/strike operation. Eight locations will be developed to install the emitters. The high power demand for each emitter makes the use of generators impractical. In order to provide the amount and quality of power required to operate the emitters, it is necessary to provide commercial power to the sites. The transmission of real-time data to the Tactical Aircrew Combat Training Systems (TACTS)/Display and Debriefing Subsystem (DDS) facility is necessary for effective training of aircrews in realistic conditions. Increasing public concerns over radiation hazards dictate the fencing of the radiation hazard areas to minimize intrusions. These radiation hazards will be greatly minimized since the emitters will be 30 feet off the ground and will have blocking systems to aim them above the horizon.

CURRENT SITUATION:

Facilities to support the emitters at Atlantic Field are non-existent. Atlantic Field is presently used for helicopter, AV-8B, and now C-130

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT BOMBING RANGE SUPPORT FACILITIES	P-031

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)

deployment and landings. Acquisition radar and ground control radar exercises are also held there. Atlantic Field will be configured to electronically simulate outlying defenses expected to be encountered during a strike mission. Piney Island is the primary attack zone. No provision for the siting or support of the elctronic warfare emitters scheduled for delivery through 1993 is available at Atlantic Field. Military Construction projects in FY 1989 and FY 1990 provided similar platforms, utilities and other support facilities on the Piney Island portion of the MAEWR. The bombing range presently serves as the major bombing range for the Mid-Atlantic coast in support of Navy, Air Force, and Marine Corps training missions. This versatile range is equipped to facilitate bombing and strafing missions on both land and sea-based simulated targets. Depending on the scenario to be presented to incoming aircraft, different emitters will be activated for various threat simulations. Naval engagements in the Mediterranean Sea and the Persian Gulf have proven the value of training in a simulated electronic warfare environment. This project supports the expansion and upgrade of the MAEWR by providing improvements and emitter support facilities at Atlantic Field.

IMPACT IF NOT PROVIDED:

The emitters scheduled for placement will not have a source of commercial power and therefore, will be unusable. The emitters, valued at over $10 million for Atlantic Field, will not have mounting towers, access roads, and security fencing. Pilots will not have the training benefits of experiencing outlying defenses as they approach the target areas on Piney Island. This project does not diminish the Marine Corps need for Townsend Range, Darian, Georgia, which is used by attack aircraft based at Beaufort South Carolina.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-89
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	09-89
(D) DATE DESIGN COMPLETE	09-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(100)
(B) ALL OTHER DESIGN COSTS	(150)
(C) TOTAL	250
(D) CONTRACT	(220)
(E) IN-HOUSE	(30)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
MARINE CORPS AIR STATION, NEW RIVER, NORTH CAROLINA	COMMANDANT OF THE MARINE CORPS	.85

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	58	302	97	2	114	0	695	4803	145	6216
b. END FY 1996	59	340	98	21	83	0	611	4098	217	5527

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(0)	
b. INVENTORY TOTAL AS OF 30 SEP 90		0
c. AUTHORIZATION NOT YET IN INVENTORY		52,165
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		7,100
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		19,100
g. REMAINING DEFICIENCY		16,190
h. **GRAND TOTAL**		94,555

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
121.10	ACFT DIRECT FUEL FAC MODS	LS	7,100	07/90	10/91
	TOTAL		7,100		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

211.03	CORROSION CONTROL HANGAR	19,330	SF	10,900
116.15	AIRCRAFT RINSE FACILITY	LS		500
211.54	AVIATION ARMAMENT SHOPS	21,400	SF	2,900
217.10	ELEC/COMM MAINT SHOP	17,000	SF	2,100
217.10	OPERATIONS/MAINT SHOP	LS		1,100

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: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS AIR STATION, NEW RIVER, NORTH CAROLINA	AIRCRAFT DIRECT FUELING FACILITY MODIFICATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0206496M	121.10	P-545	7,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT DIRECT FUELING FAC MODIFICATIONS. . .	LS	-	-	1,490
BUILDING	SF	950	98.00	(90)
FUEL STORAGE READY ISSUE	GA	60,000	15.00	(900)
AIRCRAFT FUELING STATIONS.	LS	-	-	(500)
SUPPORTING FACILITIES.	-	-	-	4,890
UTILITIES.	LS	-	-	(590)
PAVING, SITE IMPROVEMENT AND DEMOLITION. . .	LS	-	-	(2,230)
REMOVAL.	LS	-	-	(2,070)
SUBTOTAL	-	-	-	6,380
CONTINGENCY (5.0%).	-	-	-	320
TOTAL CONTRACT COST.	-	-	-	6,700
SUPERVISION, INSPECTION & OVERHEAD (6.0%) . .	-	-	-	400
TOTAL REQUEST.	-	-	-	7,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Four aircraft refueling stations, concrete refueling aprons, emergency showers, lighting, two storage tanks and one concrete masonry unit personnel building; air conditioning, utilities; demolition and removal of two buried tanks, pumping stations and two buildings; contaminated soil removal.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Upgrades existing refueling facility. (New mission.)

REQUIREMENT:

Environmental regulations dictate the $4.9M investment in supporting facilities that include paving, site improvement, demolition, (soil) removal (and remediation). Specifically, federal and state regulations require the removal, down to a depth of 5 feet, and disposal of contaminated soil under 35,700 square yards of new/replaced/disturbed concrete aprons due to fuel leaks in underground piping and associated fuel storage tanks. Project deferral would cause fuel contamination to spread, thus threatening ground water and driving up costs, regardless of the remediation process used, and risking "Cease and Desist" orders from the state. The state also requires a 5,500 square yard storm water retention pond in addition to the Environmental Protection Agency (EPA) requirement for a recovery well system. Modifications to the existing high pressure refueling complex are required as well to accommodate the larger aircraft currently assigned to Fleet Marine Force units located at New River.

CURRENT SITUATION:

This facility currently limits air operations for two reasons: first, the age of the pumping equipment (22 years) results in an increasing rate of mechanical failure with a reduced availability and increased cost of rare replacement parts due to line obsolescence. Replacement parts have not been available for over ten years. The facility is kept in partial operation through cannibalization. Second, the current refueling

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARINE CORPS AIR STATION, NEW RIVER, NORTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT DIRECT FUELING FACILITY MODIFICATIONS	P-545

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
configuration cannot accommodate New River's larger heavy-lift CH-53 aircraft without closing one refueling station per fuel lane. The new facility will provide larger fuel lanes and replace the four old refueling stations with four new refueling stations. Most Marine contingencies involve support by New River aircraft. New River has over half of the 2nd Marine Aircraft Wing assets and plays a major role in training helicopter aircrews.

IMPACT IF NOT PROVIDED:
Deferral of this project would exacerbate environmental cleanup costs and long refueling and training operations losses. The ability to "hot" refuel aircraft will continue to be inefficient and experience long delays. Large quantities of fuel will continue to be wasted. Aircraft will continue to experience excessive ground time.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	07-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(280)
(B)	ALL OTHER DESIGN COSTS	(230)
(C)	TOTAL	510
(D)	CONTRACT	(330)
(E)	IN-HOUSE	(180)

(4) CONSTRUCTION START: 03-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL AIR DETACHMENT, TINKER AIR FORCE BASE, OKLAHOMA	COMMANDER IN CHIEF, PACIFIC FLEET	.87

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	220	1027	0	0	0	0	0	0	0	1247
b. END FY 1996	220	1027	0	0	0	0	0	0	0	1247

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	TENANT OF AFB	
b. INVENTORY TOTAL AS OF 30 SEP 90		0
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		4,700
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		5,500
h. **GRAND TOTAL**		10,200

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BACH ENL QTRS (INCR II)	44,400 SF	4,700	06/90	06/91
	TOTAL		4,700		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provide an airborne communication link with submerged ballistic missile carrying submarines during times of extreme national emergency. Operate and maintain aircraft employed to accomplish assigned mission.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR DETACHMENT, TINKER AIR FORCE BASE, OKLAHOMA	BACHELOR ENLISTED QUARTERS (INCREMENT II)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0101315N	721.11	P-062	4,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS	SF	44,400	80.00	3,550
SUPPORTING FACILITIES	-	-	-	670
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(50)
UTILITIES	LS	-	-	(270)
PAVING, SITE IMPROVEMENT AND REMOVAL		-	-	(350)
SUBTOTAL	-	-	-	4,220
CONTINGENCY (5.0%)	-	-	-	210
TOTAL CONTRACT COST	-	-	-	4,430
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	270
TOTAL REQUEST	-	-	-	4,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three-story steel frame building, grade beam foundation supported by drilled piers; air conditioning, fire protection system, utilities, exercise room, covered walkway; 52 two-bedroom modules with private baths, closets, lounges, central storage, laundry and exercise room; removal of fence and gravel road and relocation of water line.
Grade mix: 208 E1-E4. Total: 208.

11. REQUIREMENT: 416 PN ADEQUATE: 208 PN SUBSTANDARD: 0 PN

PROJECT:
Provides adequate billeting for 208 enlisted personnel assigned to the second E-6A squadron. (New mission.)

REQUIREMENT:
Adequate housing for 416 enlisted personnel. The TACAMO aircraft provide command and control communications to fleet ballistic missile submarines. A central operations base is needed where two squadrons (Pacific and Atlantic) can be collocated to receive unique support requirements. The present squadrons are based at Barbers Point, Hawaii and Patuxent River, Maryland. They do not operate from these bases, but from deployment sites along the west coast and near the east coast of the continent, from Iceland to the Carribbean. The facilities now used cannot support the maintenance and training needed for the new TACAMO aircraft. Tinker AFB was selected because of its central location and because E-3 AWACS aircraft, another version of the Boeing 707, were already supported there. Although specific Navy operations space, training and maintenance facilities are not available, there is much that is provided, including runways, air traffic control, fire and crash, all without new expenditures. The base will provide for contractor maintenance of aircraft, training, electronic maintenance and administration and support command. The present EC-130 aircraft, which will have served the purpose for over 25 years, is being replaced with the E-6A, a variant of Boeing 707.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR DETACHMENT, TINKER AIR FORCE BASE, OKLAHOMA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS (INCREMENT II)	P-062

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION:
There are not enough bed spaces on the base available for sailors to be assigned to the TACAMO Squadron. The Air Force has a bachelor housing shortfall for its assigned airmen. The Navy, through an interservice agreement, must provide all TACAMO-related facilities, including bachelor housing. The first barracks was approved in FY1990. This project completes the TACAMO construction program.

IMPACT IF NOT PROVIDED:
Adequate living quarters for all bachelor enlisted Navy personnel will not be available, resulting in degradation of morale and career retention efforts.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	60
(C)	DATE DESIGN 35% COMPLETE	09-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES X NO
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(176)
(B)	ALL OTHER DESIGN COSTS	(22)
(C)	TOTAL	198
(D)	CONTRACT	(22)
(E)	IN-HOUSE	(176)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PHILADELPHIA, PENNSYLVANIA	NAVAL SEA SYSTEMS COMMAND	1.13

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	0	0	8	0	0	0	0	0	0	8
b. END FY 1996	0	0	8	0	0	0	0	0	0	8

7. INVENTORY DATA ($000)

	TENANT OF NSY
a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	4.000
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	0
g. REMAINING DEFICIENCY	4.700
h. **GRAND TOTAL**	8.700

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
933.10	OBSTR REMOVAL & ELEC PWR	LS	4,000	09/90	06/91
	TOTAL		4,000		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provides inactivation, maintenance, security and disposal or preparation for reactivation of ships.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PHILADELPHIA, PENNSYLVANIA	OBSTRUCTION REMOVAL AND ELECTRICAL POWER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0708096N	933.10	P-587	4,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
OBSTRUCTION REMOVAL AND ELECTRICAL POWER . . .	LS	-	-	3,590
SUBTOTAL	-	-	-	3,590
CONTINGENCY (5.0%).	-	-	-	180
TOTAL CONTRACT COST.	-	-	-	3,770
SUPERVISION, INSPECTION & OVERHEAD (6.0%) . .	-	-	-	230
TOTAL REQUEST.	-	-	-	4,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Hydrographic survey; dredge area to 30 feet below mean low water; repair existing steel sheet pile bulkhead and install additional bollards; electrical power to the wharf with an additional substation, cable, and shore power outlets.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Removes pilings and pieces of concrete and asphalt decking remaining from demolition of old piers in the reserve basin, repairs bulkhead, dredges area to 30 foot depth and provides electrical distribution system for inactive ships. (Current mission.)

REQUIREMENT:

Adequate water depth at this facility and electrical service to the inactive ships for lighting, dehumidification, and cathodic protection. This facility provides deactivation, maintenance, security and preparation for activation of ships in the reserve basin at Philadelphia. The Secretary of Defense recently approved the "Innovative Naval Surface Reserve Concept" which provides for the transition of 32 "Knox" class frigates into a reduced Ready-for-Sea (RFS) status available in 180 days. These RFS frigates will be berthed at this facility and the Naval Inactive Ship Maintenance Facility in Pearl Harbor. This facility will be required to berth in excess of 30 ships by the end of Fiscal Year 1993. To accomplish this, the obstruction removal, bulkhead repairs, dredging and electrical distribution work along the Rowan Avenue quaywall needs to be approved in this year's program.

CURRENT SITUATION:

A quantity of subsurface materials including pilings and chunks of concrete and asphalt decking remain from the demolition of Piers A, B, C, and D. Repairs to the sheet pile bulkhead need to be made where the piers joined the quaywall. No electrical distribution exists along the quaywall which can serve the inactive ships.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL INACTIVE SHIP MAINTENANCE FACILITY, PHILADELPHIA, PENNSYLVANIA

4. PROJECT TITLE	5. PROJECT NUMBER
OBSTRUCTION REMOVAL AND ELECTRICAL POWER	P-587

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:

This facility could provide neither secure berthing nor electrical power for preservation of the additional inactive frigates, and the ability to maintain these valuable Navy assets will be severely jeopardized.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	09-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(160)
(B) ALL OTHER DESIGN COSTS	(20)
(C) TOTAL	180
(D) CONTRACT	(20)
(E) IN-HOUSE	(160)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA	COMMANDANT OF THE MARINE CORPS	.94

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	56	385	455	0	19	0	232	2690	245	4082
b. END FY 1996	62	383	473	0	30	0	273	2410	271	3902

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(11,338)	
b. INVENTORY TOTAL AS OF 30 SEP 90		126,530
c. AUTHORIZATION NOT YET IN INVENTORY		11,550
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,250
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		17,400
g. REMAINING DEFICIENCY		11,160
h. **GRAND TOTAL**		168,890

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141.70	AIR TRAFFIC CTRL TOWER	9,980	SF	2,250	07/90	04/91
	TOTAL			2,250		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.12	BACH ENLISTD QTRS PH II	74,800	SF	7,900
721.11	BEQ (PHASE III)	83,480	SF	9,500

10. MISSION OR MAJOR FUNCTIONS:
Maintain and operate facilities to support flight operations; operation and maintenance of assigned aircraft; and provide services and material to support operations of a Marine Aircraft Wing and/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:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA	AIR TRAFFIC CONTROL TOWER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0206496M	141.70	P-380	2,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIR TRAFFIC CONTROL TOWER	SF	9,980	-	1,480
BUILDING	SF	6,450	135.00	(870)
CONTROL TOWER	SF	3,530	147.00	(520)
BUILDING ALTERATIONS	LS	-	-	(90)
SUPPORTING FACILITIES	-	-	-	540
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(150)
ELECTRICAL UTILITIES	LS	-	-	(170)
MECHANICAL UTILITIES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENT	LS	-	-	(90)
SUBTOTAL	-	-	-	2,020
CONTINGENCY (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,120
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	130
TOTAL REQUEST	-	-	-	2,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story load bearing masonry wall control building and seven-story reinforced concrete control tower, pile foundations, concrete floors, built-up roof, fire protection system, air conditioning, sound attenuation, utilities; improvements to existing building.

11. *REQUIREMENT*: 9,980 SF ADEQUATE: 0 SF SUBSTANDARD: (3,000) SF

PROJECT:
Constructs a control tower and Ancillary Radar Air Traffic Control Center (RATCC) in accordance with Federal Aviation Agency (FAA) regulations and renovates the existing building to convert to general administrative space. (New mission.)

REQUIREMENT:
Adequate facilities to control approximately 11,000 airfield operations per month.

CURRENT SITUATION:
The existing control tower is only 50 feet high and, because of obstructions, does not meet FAA criteria for visibility of airfield surfaces. The end of Runway 05 was extended, is over two miles from the control tower, and cannot be seen because of the terrain. This presents an unacceptable traffic control condition and provides the potential for an incident.

IMPACT IF NOT PROVIDED:
Continuation of this station's mission will not comply with FAA criteria, and pilot's safety and equipment will be compromised. Possible loss of one of the F/A-18 aircraft homeported here, at an approximate worth of two billion dollars.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
AIR TRAFFIC CONTROL TOWER	P-380

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	80
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	04-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(120)
(B) ALL OTHER DESIGN COSTS	(103)
(C) TOTAL	223
(D) CONTRACT	(211)
(E) IN-HOUSE	(12)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
FLEET AND MINE WARFARE TRAINING CENTER, CHARLESTON, SOUTH CAROLINA	CHIEF OF NAVAL EDUCATION AND TRAINING	.91

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	14	31	9	21	271	0	0	0	0	346
b. END FY 1996	13	46	9	21	267	0	0	0	0	356

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(	0)
b. INVENTORY TOTAL AS OF 30 SEP 90		6,040
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		14,620
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		0
h. GRAND TOTAL		20,660

8. *PROJECTS REQUESTED IN THIS PROGRAM:*

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
179.45	FIREFIGHTING TRAINER FAC	47,780	SF	14,620	05/90	07/91
	TOTAL			14,620		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provide training in the techniques of planning , maintenance, and operations of mine warfare systems and ordnance.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FLEET AND MINE WARFARE TRAINING ..: ITER, CHARLESTON, SOUTH CAROLINA	FIRE FIGHTING TRAINER FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	179.45	P-624	14,620

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FIRE FIGHTING TRAINER FACILITY	SF	47,780	-	8,040
TRAINER AREAS	SF	29,780	192.00	(5,720)
TRAINER SUPPORT/APPLIED INSTRUCTION BLDGS.	SF	18,000	93.00	(1,670)
BUILT-IN EQUIPMENT	LS	-	-	(460)
TECHNICAL OPERATING MANUALS	LS	-	-	(190)
SUPPORTING FACILITIES	-	-	-	5,090
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,250)
UTILITIES	LS	-	-	(1,810)
PAVING, SITE IMPROVEMENT, AND DEMOLITION	LS	-	-	(1,030)
SUBTOTAL	-	-	-	13,130
CONTINGENCY (5.0%)	-	-	-	660
TOTAL CONTRACT COST	-	-	-	13,790
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	830
TOTAL REQUEST	-	-	-	14,620
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(12,200)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three-story pile-supported reinforced concrete building with masonry walls, concrete floors and metal-faced concrete exterior walls; one-story pile-supported concrete training deck, aviation mock-up structures, control building; one-story pile-supported masonry trainer support building; two-story pile-supported masonry applied instruction building; red common brick exteriors, Aqueous Fire Fighting Foam (AFFF) system, pumps and controls, waste treatment controls, oxygen breathing apparatus treatment, chemical pumps; pile-supported utilities, 60,000-gallon propane storage and distribution system, security fencing and demolition of existing trainer structures; extensive site preparation.

11. REQUIREMENT: 47,780 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides an environmentally acceptable, hands-on, fire fighting trainer facility for the surface ship community. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to accommodate four hands-on fire fighting training courses to train 10,000 students annually in support of the surface fleet. Fire fighting training is mandatory for all Navy personnel. Fire fighting training devices have been programmed for the school, and will be installed in the building after it is complete. The ship fire fighting trainer device (19F3A) is a major structure housing a ship's engine room, boiler room, berthing and galley compartments where fires that leave an ash, such as, petroleum, oil, and lubricant, and electric, are generated. In addition, the structure will include a deck fire for basic hose handling training. It is a hybrid trainer which provides both basic and team training. The 19F4 device is an aircraft fire trainer. All active duty officers and enlisted personnel assigned to aviation duties are required to participate in aircraft fire fighting exercises before reporting. The basic fire fighting training for aircraft will center around individual involvement in the extinguishing of large fires, such as those that might occur on

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

FLEET AND MINE WARFARE TRAINING CENTER, CHARLESTON, SOUTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
FIRE FIGHTING TRAINER FACILITY	P-624

11. REQUIREMENT: (CONTINUED)

REQUIREMENT: (CONTINUED)
the flight deck of a helicopter-equipped combatant, logistics or amphibious ship. The use of propane for creating the fires eliminates gas, smoke and residue pollution, thus meeting environmental standards. Computer assisted controls permit fires that can be started at certain times and spread in patterns the instructors want. Sensors can distinguish between the applicatior of water and other extinguishing material and the fire will react accordingly. The fires can be easily turned off if the procedures need to be reiterated and re-started.

CURRENT SITUATION:
Existing oil-fired trainers are not environmentally acceptable and require an extensive amount of time and materials for cleanup and restart between training sessions. They are antiquated and do not adequately simulate all potential shipboard fire situations.

IMPACT IF NOT PROVIDED:
Inadequate training will continue, with personnel less than optimally qualified when reporting to their fleet assignments. The combat readiness of the surface ship fleet will be degraded with possible loss of lives and property.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES__ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(556)
(B) ALL OTHER DESIGN COSTS	(216)
(C) TOTAL	772
(D) CONTRACT	(629)
(E) IN-HOUSE	(143)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
19F3A TRAINER	OPN-BA-7	1993	7,600
19F4 TRAINER	OPN-BA-7	1993	4,600
		TOTAL	12,200

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
MARINE CORPS RECRUIT DEPOT, PARRIS ISLAND, SOUTH CAROLINA	COMMANDANT OF THE MARINE CORPS	.94

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	207	1853	528	0	4628	0	15	3	0	7234
b. END FY 1996	310	2021	782	0	6458	0	0	0	0	9571

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(8,080)	
b. INVENTORY TOTAL AS OF 30 SEP 90		114,230
c. AUTHORIZATION NOT YET IN INVENTORY		3,410
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		5,100
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		9,250
g. REMAINING DEFICIENCY		32,430
h. **GRAND TOTAL**		164,420

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
179.55	COMBAT TRAINING FACILITY	40,700	SF	5,100	06/90	07/91
	TOTAL			5,100		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

610.72	BATTALION OPS CENTER	15,390	SF	2,300
730.20	SECURITY HEADQUARTERS	6,510	SF	1,250
722.10	MESS HALL	32,000	SF	5,700

10. MISSION OR MAJOR FUNCTIONS:

To exercise operational control of enlisted recruiting operations in the 1st, 4th, and 6th Marine Districts through screening, evaluation, verification, and field supervision; to provide guidance and direction on quality control matters for all east coast enlisted accessions in accordance with standards established by CMC; to provide reception processing and recruit training for enlisted personnel upon their initial entry into the Marine Corps; to provide training of recruits; to conduct schools as directed; to provide rifle and pistol marksmanship training for Marines stationed in the southeast and for personnel of other services as requested; and to conduct training for reserve Marines as directed.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MARINE CORPS RECRUIT DEPOT, PARRIS ISLAND, SOUTH CAROLINA	COMBAT TRAINING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796M	179.55	P-304	5,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMBAT TRAINING FACILITY	SF	40,700	92.00	3,740
SUPPORTING FACILITIES	-	-	-	840
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(310)
UTILITIES	LS	-	-	(230)
PAVING AND SITE IMPROVEMENT	LS	-	-	(60)
DEMOLITION AND REMOVAL	LS	-	-	(240)
SUBTOTAL	-	-	-	4,580
CONTINGENCY (5.0%)	-	-	-	230
TOTAL CONTRACT COST	-	-	-	4,810
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	290
TOTAL REQUEST	-	-	-	5,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building with mezzanine, pile foundation, concrete floors, masonry walls with brick facing, interior concrete masonry walls, asphalt shingle and wood panel roof; 60 meter pool, folding bleachers for 300 recruits, showers, lockers, toilets, drying and storage areas, observation areas, offices and classrooms, fire protection system, air conditioning in administrative areas, utilities, demolition of three buildings including asbestos removal.

11. REQUIREMENT: 40,700 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides new water survival training facility to train and test recruits. (Current mission.)

REQUIREMENT:
A water survival training facility is required to conduct the water survival portion of the recruit training and testing, and to train water survival instructors. Approximately 22,000 male and female recruits receive water survival training and testing every year. Approximately 800 recruits, who do not pass, receive an additional 30 days of remedial training, and approximately 40 instructors are trained every year.

CURRENT SITUATION:
At present, water survival training and testing is conducted in a 1944 facility. The pool, piping and equipment are in an advanced state of deterioration and require frequent repairs and maintenance. The building has no mechanical ventilation and humidity control, showers are located on pool decks with no separate shower facility available for female recruits. Locker rooms are inadequate and without lockers. Because no separate storage area exists, all swimming gear is stored on the pool decks and away from the swimming pool building. Instructions are provided on the pool deck where there are no bleachers. Training requires recruits to jump from five-foot and ten-foot platforms and pass a swimming test. At present, inadequate tower sizes allow only one recruit to jump at a time. This takes longer to complete testing and

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

MARINE CORPS RECRUIT DEPOT, PARRIS ISLAND, SOUTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
COMBAT TRAINING FACILITY	P-304

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
wastes valuable instruction time. Due to inadequate space, the Water Survival Branch Office is located away from the swimming pool building and a classroom area to train instructors is not available. The existing swimming pool is located away from all battalion areas, requiring transportation of all recruits, and wasting more valuable training time.

IMPACT IF NOT PROVIDED:
Recruit water survival training will be continued in an inadequately sized and deteriorated swimming pool facility until it deteriorates to a point where it will no longer be able to support training and test requirements.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(200)
(B) ALL OTHER DESIGN COSTS	(115)
(C) TOTAL	315
(D) CONTRACT	(248)
(E) IN-HOUSE	(67)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
NAVAL AIR STATION, KINGSVILLE, TEXAS	CHIEF OF NAVAL EDUCATION AND TRAINING	.98

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	164	734	254	242	0	0	9	12	0	1415
b. END FY 1996	222	628	263	334	0	0	9	12	0	1468

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(5,582)	
b. INVENTORY TOTAL AS OF 30 SEP 90		67,360
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		1,500
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		8,500
f. PLANNED IN NEXT THREE PROGRAM YEARS		4,470
g. REMAINING DEFICIENCY		11,610
h. **GRAND TOTAL**		93,440

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
812.30	ELECTRICAL DISTR SYS IMPRS	LS		1,500	04/90	06/91
	TOTAL			1,500		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):

211.03	CORROSION CONTROL HANGAR	32,510	SF	8,500	06/90	05/92
	TOTAL			8,500		

B. MAJOR PLANNED NEXT THREE YEARS:

141.25	COMBINED FIRE STATION	LS		1,400
217.10	GROUND ELECTRONICS	6,450	SF	1,600
911.10	LAND ACQUISITION	379	AC	1,470

10. MISSION OR MAJOR FUNCTIONS:

Maintains and operates facilities and provide services and materials in support of basic and advanced Navy pilot training in jet aircraft.

Training Wing Two
Three Training Squadrons

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, KINGSVILLE, TEXAS	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796N	812.30	P-206	1,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS. .	LS	-	-	1,340
SUBTOTAL	-	-	-	1,340
CONTINGENCY (5.0%).	-	-	-	70
TOTAL CONTRACT COST.	-	-	-	1,410
SUPERVISION, INSPECTION & OVERHEAD (6.0%) . .	-	-	-	90
TOTAL REQUEST.	-	-	-	1,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Feeder cables, transformers, breakers and switchgear; replace deteriorated power poles and pole hardware; street lighting replacement.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides an upgraded electrical distribution system in support of the aviation training program. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facilities to provide a reliable and modern electrical distribution system to meet the existing and future electrical demands of the airfield and supporting facilities for the training of jet pilots.

CURRENT SITUATION:

The existing electrical distribution system was installed in 1942, has not been upgraded, and is unsafe, deteriorated and unreliable. Excessive deterioration of the system has caused numerous power outages to the detriment of operations and safety. The electrical loads on the system have increased consistently to the present overloaded condition due to additional facilities being constructed, alterations to existing facilities, and the addition of new equipment to train jet aviators.

IMPACT IF NOT PROVIDED:

The electrical distribution system will continue to deteriorate and become more difficult to maintain. The effectiveness and safety of the aviation training programs will continue to be diminished. Failure of the system will preclude meeting the pilot training requirements.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, KINGSVILLE, TEXAS

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS	P-206

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	04-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	65
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___NO_X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(70)
(B)	ALL OTHER DESIGN COSTS	(28)
(C)	TOTAL	98
(D)	CONTRACT	(0)
(E)	IN-HOUSE	(98)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL SECURITY GROUP ACTIVITY NORTHWEST, CHESAPEAKE, VIRGINIA	NAVAL SECURITY GROUP COMMAND	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	43	679	83	0	0	0	0	0	0	805
b. END FY 1996	44	768	83	0	0	0	0	0	0	895

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(3,896)	
b. INVENTORY TOTAL AS OF 30 SEP 90		31,070
c. AUTHORIZATION NOT YET IN INVENTORY		11,485
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		13,800
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		565
g. REMAINING DEFICIENCY		16,375
h. **GRAND TOTAL**		73,295

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BEQ AND MESS HALL ADDN	57,300	SF	8,100	06/90	09/91
143.35	COMM/SEC MTRL ISSNG OFF AD	14,580	SF	1,400	05/90	08/91
813.20	ELECTR DISTR SYS UPGRADE	LS		4,300	06/90	01/92
	TOTAL			13,800		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

740.74	CHILD DEVELOPMENT CENTER	9,750	SF	565

10. MISSION OR MAJOR FUNCTIONS:
Station is part of the worldwide telecommunications systems, providing tactical ship-to-shore and point-to-point communications for the Navy Defense Communications System, and Naval Security Group operations.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

a.	POLLUTION ABATEMENT	0
b.	INSTALLATION RESTORATION	0
c.	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GR ACTIVITY NORTHWEST, CHESAPEAKE, VIRGI[illegible]	BACHELOR ENLISTED QUARTERS AND MESS HALL ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0805796M	721.11	P-832	8,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS & MESS HALL ADDN.	SF	57,300	-	6,560
BACHELOR ENLISTED QUARTERS	SF	51,910	73.00	(3,790)
MESS HALL ADDITION	SF	5,390	85.00	(460)
SEWAGE TREATMENT PLANT	LS	-	-	(2,230)
BUILT-IN EQUIPMENT	LS	-	-	(80)
SUPPORTING FACILITIES	-	-	-	720
UTILITIES	LS	-	-	(310)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(410)
SUBTOTAL	-	-	-	7,280
CONTINGENCY (5.0%)	-	-	-	360
TOTAL CONTRACT COST	-	-	-	7,640
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	460
TOTAL REQUEST	-	-	-	8,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story reinforced concrete building, slab on grade, concrete floors, masonry walls, membrane roofing, precast clad block exterior, 12 two-bedroom modules with private bath, 19,620 SF open bay berthing, lounge, game room, laundry, vending, mechanical systems, fire protection system, utilities, air conditioning; one-story steel frame building addition, concrete slab and floor, masonry walls, membrane roofing, precast clad block exterior similar to adjacent buildings, fire protection system, utilities, air conditioning; increased capacity of sewage treatment plant to 300,000 Gallons Per Day. Grade Mix: 240 students, 40 staff, 8 female. Total: 288.

11. REQUIREMENT: 286 PN ADEQUATE: 0 PN SUBSTANDARD: 0 PN

PROJECT:
Provides billeting for 230 [illegible]sted personnel and an addition to the existing mess hall. (New mi[illegible]ion.)

REQUIREMENT:
Provide adequate billeting and messing for personnel undergoing specialized anti-terrorism and security training at the Marine Corps Security Force Battalion Atlantic School (MCSF BN LANT), located at this activity.

CURRENT SITUATION:
Personnel assigned to MCSF BN LANT School are currently billeted in inadequate quarters at distant locations and transported by charter bus to this activity. In anticipation of this project, personnel were relocated to interim relocatable facilities at this activity in the third quarter of FY 1990. Present dining facilities are utilized on an over-capaci[illegible] basis. These circumstances detract from the cohesive nature of the activity and cause a reduction in training time to accommodate transportation to and from the training site.

IMPACT IF NOT PROVIDED:
Continued negative impact on training time and continued inadequate billeting in inadequate quarters, resulting in degradation of morale.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP ACTIVITY NORTHWEST, CHESAPEAKE, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS AND MESS HALL ADDITION	P-832

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
training, and career retention efforts. In order to meet its mission in regard to international situations, the Marine Corps needs this facility to both house and feed the Marine Corps Security Force personnel. If this project is not provided, the result will be diminished mission accomplishment.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	09-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO ___

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(450)
(B)	ALL OTHER DESIGN COSTS	(200)
(C)	TOTAL	650
(D)	CONTRACT	(590)
(E)	IN-HOUSE	(60)

(4) CONSTRUCTION START: 03-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GROUP ACTIVITY NORTHWEST, CHESAPEAKE, VIRGINIA	COMM/SEC MATERIAL ISSUING OFFICE ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0305896N	143.35	P-864	1,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMM/SEC MATERIAL ISSUING OFFICE ADDITION	SF	14,580	-	970
BUILDING	SF	14,580	63.00	(920)
BUILT-IN EQUIPMENT	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	290
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(170)
UTILITIES, PAVING AND SITE IMPROVEMENT	LS	-	-	(120)
SUBTOTAL	-	-	-	1,260
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,320
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story concrete addition including mezzanine, foundation piles, concrete floors and 10" thick reinforced concrete walls, built-up roof, hydraulic elevator, fire protection and alarm system, utilities, air conditioning, asbestos removal.

11. REQUIREMENT: 30,060 SF ADEQUATE: 15,480 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an addition to the existing facility to accommodate additional cryptographic equipment and ancillary devices; NATO, allied and Navy material and distribution systems; and the personnel required to operate the new systems. (New mission.)

REQUIREMENT:
The existing issuing office's expanding workload requires adequate secure space for receiving, storing, and distributing sensitive communications equipment and classified documents.

CURRENT SITUATION:
Existing facilities are inadequate for the scope of the assigned mission. The lack of adequate secure space dictates that highly classified material (requiring unit-by-unit accountability) be stored in several remote locations, necessitating a 72-mile round trip for retrieval, processing, and distribution. These conditions hamper accountability and increase the risk of security violations. The installation of the Navy Key Data (automated storage and retrieval) System will increase space requirements and add further environmental complications to support automated data processing equipment and communications links.

IMPACT IF NOT PROVIDED:
This activity will continue to operate in inadequate facilities with inherent security risks. The ability to fulfill the assigned mission will be severely limited, resulting in immediate and significantly degraded secure fleet communications.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP ACTIVITY NORTHWEST, CHESAPEAKE, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
COMM/SEC MATERIAL ISSUING OFFICE ADDITION	P-864

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	08-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(100)
(B) ALL OTHER DESIGN COSTS	(60)
(C) TOTAL	160
(D) CONTRACT	(140)
(E) IN-HOUSE	(20)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GROUP ACTIVITY NORTHWEST, CHESAPEAKE, VIRGINIA	ELECTRICAL DISTRIBUTION SYSTEM UPGRADE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0301011N	813.20	P-841	4,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	LS	-	-	900
SUBTOTAL	-	-	-	3,800
CONTINGENCY (5.0%)	-	-	-	190
TOTAL CONTRACT COST	-	-	-	3,990
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	310
TOTAL REQUEST	-	-	-	4,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

1000 KVA unit substations with primary and over current protection, electrical distribution system, switchboards and distribution panels, busways and power distribution units to serve technical and critical equipment, grounding system; relocate two emergency generators and reconfigure to centrally locate all control and distribution.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Upgrades electrical power distribution system. (Current mission.)

REQUIREMENT:
Adequate electric power to accommodate and support technical and non-technical electrical and electronic systems.

CURRENT SITUATION:
Electric power distribution system does not meet National Electric Code safety standards. Operational system flexibility is limited by existing configuration.

IMPACT IF NOT PROVIDED:
The Navy will continue to be in violation of electrical code requirements and will continue to expose employees to hazardous conditions.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	01-92

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP ACTIVITY NORTHWEST, CHESAPEAKE, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	P-841

12. SUPPLEMENTAL DATA: (CONTINUED)

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)

(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(200)
(B)	ALL OTHER DESIGN COSTS	(100)
(C)	TOTAL	300
(D)	CONTRACT	(250)
(E)	IN-HOUSE	(50)

(4) CONSTRUCTION START: 06-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA	COMMANDER IN CHIEF, ATLANTIC FLEET	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	1142	10199	682	209	1453	0	57	429	0	14171
b. END FY 1996	1104	10461	743	200	1675	0	57	431	0	14671

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(11,804)	
b. INVENTORY TOTAL AS OF 30 SEP 90		197,200
c. AUTHORIZATION NOT YET IN INVENTORY		49,050
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		12,730
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		52,590
h. GRAND TOTAL		311,570

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
213.75	LCAC COMPLEX-INCREMENT III	LS		10,500	05/90	06/91
610.10	SURF WAR DEV GRP OPS FACS	16,900	SF	2,230	05/89	08/90
	TOTAL			12,730		

9. FUTURE PROJECTS:

A. *INCLUDED IN FOLLOWING PROGRAM (FY 93):*
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Serves as the east coast operational base for amphibious ships and units of the Atlantic Fleet Surface Force. Furnish homeport berthing, training, maintenance, personnel and support services. Support annual training exercises.

LST and LSD Class Vessels
Special Warfare Group Two
Beach Group Two
Explosive Ordnance Disposal Group Two
School of Music
Amphibious Construction Battalion
Amphibious School
Service Squadron Eight

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA	LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT III)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	213.75	P-338	10,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
LANDING CRAFT AIR CUSHION COMPLEX	LS	-	-	7,220
MAINTENANCE BUILDINGS	SF	50,380	83.00	(4,180)
GENERAL STORAGE SHED	SF	5,550	36.00	(200)
APRON	SY	48,880	41.00	(2,000)
BUILT-IN EQUIPMENT	LS	-	-	(760)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
SUPPORTING FACILITIES	-	-	-	2,220
UTILITIES	LS	-	-	(870)
FUELING PITS	LS	-	-	(120)
PAVING AND SITE IMPROVEMENT	LS	-	-	(1,230)
SUBTOTAL	-	-	-	9,440
CONTINGENCY (5.0%)	-	-	-	470
TOTAL CONTRACT COST	-	-	-	9,910
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	590
TOTAL REQUEST	-	-	-	10,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two structural steel frame maintenance buildings, composite insulated exterior wall panels, built-up roof, two five-ton bridge cranes, ground support equipment and general storage building, fire protection system, utilities, paving, parking aprons, craft tie-down, water recycling system, two fueling pits, oil separator and spillage containment.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides an operational facility to support the final phase of the landing craft air cushion (LCAC) Complex. (New mission.)

REQUIREMENT:

Facilities to support the final complement of 30 LCAC's to be assigned in September of 1994. The LCAC is an advanced landing craft, riding on a cushion of air and capable of delivering personnel and equipment over sea and land. They are high speed vehicles not restricted by surf and beach conditions and capable of lifting heavy equipment such as battle tanks across the beach from amphibious well deck ships lying over the horizon. LCAC's are highly complex craft powered by four marine gas turbine engines and require unique maintenance and support facilities not available outside the LCAC complex. There were delays in the initial development of the LCAC causing a delivery slip. However, operational tests and evaluation reports indicate that the LCAC's can now meet mission specifications. Congress approved the first thirty craft through FY 1986 and eighteen more were included in the FY 1988/1989 biennial budget. Delivery of the first twelve craft to Little Creek began in 1987. Facilities to support the first delivery were completed in early 1987. Facilities to support the second increment of twelve craft were provided in the FY 1991 program. Ultimate base development is to support 54 craft.

CURRENT SITUATION:

An LCAC support complex was started on an undeveloped parcel of land using FY 1985 Military Construction funds. The first increment of this

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
LANDING CRAFT AIR CUSHION COMPLEX (INCREMENT III)	P-338

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
complex is complete and will support the first twelve craft already delivered. The second increment, in the FY 1991 Program, will support an additional twelve craft. The completed facilities will include maintenance bay and shops, parking apron, taxiway to the water, control tower, operations facilities, noise suppressing earth berms and a wash rack. Additional facilities are necessay for the remaining thirty craft to be assigned.

IMPACT IF NOT PROVIDED:
Maintenance and parking facilities will not be available when the final complement of craft are assigned in 1994.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	70
(C)	DATE DESIGN 35% COMPLETE	C8-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS.

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(220)
(B)	ALL OTHER DESIGN COSTS	(200)
(C)	TOTAL	420
(D)	CONTRACT	(340)
(E)	IN-HOUSE	(80)

(4) CONSTRUCTION START: 10-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA	SURFACE WARFARE DEVELOPMENT GROUP OPERATIONS FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	610.10	P-204	2,230

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SURFACE WARFARE DEVELOPMENT GROUP OPS FAC. . .	SF	16,900	-	1,620
BUILDING	SF	16,900	85.00	(1,440)
BUILT-IN EQUIPMENT	LS	-	-	(130)
TECHNICAL OPERATING MANUALS.	LS	-	-	(50)
SUPPORTING FACILITIES.	-	-	-	380
SPECIAL CONSTRUCTION FEATURES.	LS	-	-	(90)
ELECTRICAL UTILITIES	LS	-	-	(70)
MECHANICAL UTILITIES	LS	-	-	(70)
PAVING AND SITE IMPROVEMENT.	LS	-	-	(150)
SUBTOTAL	-	-	-	2,000
CONTINGENCY (5.0%).	-	-	-	[illegible]
TOTAL CONTRACT COST.	-	-	-	2.
SUPERVISION, INSPECTION & OVERHEAD (6.0%) . .	-	-	-	[illegible]
TOTAL REQUEST.	-	-	-	2,230
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS .	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame masonry building, pile foundation, concrete floors, brick masonry exterior walls, engineered fill, elastomeric membrane roof, fire protection system, shielding, communications system, air conditioning, utilities.

11. REQUIREMENT: 16,900 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs a facility for relocating operations support functions. (Current mission.)

REQUIREMENT:
Adequate and properly-configured facilities for relocating the operations support functions of the Surface Warfare Development Group (SWDG). SWDG supports the Naval Surface Forces of the Atlantic and Pacific Fleets by developing and improving surface warfare tactics for embarking surface force ships and by installing and operating automatic data collection equipment for evaluation of at-sea exercises. Collected data is reconstructed on shore computer facilities; evaluated with the development of improvements to Fleet tactics; and manuals rewritten or updated, printed and distributed to the operational forces. Computer simulation of development tactics is conducted to determine effectiveness. SWDG also provides direct, tactical support to tactical commands through the conduct of tactical seminars, preparation of tactical planning packages, and maintenance of t· Surface Warfare Data Base--a compendium of tactical lessons learned.

CURRENT SITUATION:
SWDG functions are housed in a building constructed in 1943. It is sited within the Norfolk International Airport's approach zone limits. A 1,500-foot runway extension completed in 1972 has resulted in noise levels from approaching aircraft in a range damaging to the human ear, and redefines the approach clear zone to include several office buildings including the SWDG building. An Engineering Evaluation Inspection conducted in 1984 found the building severely deteriorated. While under

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
SURFACE WARFARE DEVELOPMENT GROUP OPERATIONS FACILITIES	P-204

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
renovation, it was discovered that the building's structural members supporting the floor and the steel wall studs had completely rusted through. A wind load analysis for this area indicated that the potential exists for a catastrophic failure of the entire building. The building has been evacuated. This has severely impacted the ability of SWDG to perform its mission because of crowding in the remaining spaces and dispersion of some functions to other areas of the base.

IMPACT IF NOT PROVIDED:
Administrative functions of SWDG will continue in a deteriorating, potentially dangerous building subject to the extreme hazards of noise from low-flying airplanes and the potential of a disaster. The development and evaluation of improvements to fleet tactics in support of the Naval Surface Forces will be severely hampered because of overcrowding and the separation of some functions from the main operations.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-89
(B)	PERCENT COMPLETE AS OF JANUARY 1991	100
(C)	DATE DESIGN 35% COMPLETE	08-89
(D)	DATE DESIGN COMPLETE	08-90

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(130)
(B)	ALL OTHER DESIGN COSTS	(120)
(C)	TOTAL	250
(D)	CONTRACT	(190)
(E)	IN-HOUSE	(60)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AIR STATION, NORFOLK, VIRGINIA	COMMANDER IN CHIEF, ATLANTIC FLEET	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	1166	6667	5811	100	157	0	14	258	0	14173
b. END FY 1996	1208	6801	5815	99	138	0	14	268	0	14343

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(1,386)	
b. INVENTORY TOTAL AS OF 30 SEP 90		212,240
c. AUTHORIZATION NOT YET IN INVENTORY		4,400
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		9,370
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		43,700
g. REMAINING DEFICIENCY		22,880
h. **GRAND TOTAL**		292,590

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
211.05	AIRCRAFT MAINT HANGAR	77,670	SF	8,270	05/90	2/91
143.47	ALERT FORCE FACILITY	7,000	SF	1,100	03/90	11/91
	TOTAL			9,370		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.11	BACHELOR ENLISTED QUARTERS	600	PN	14,000
211.05	MAINTENANCE HANGAR	116,502	SF	10,600
211.05	AIRCRAFT MAINT HANGAR	28,560	SF	9,100
116.55	ORDNANCE HANDLING AREA	36,770	SY	2,000
211.15	AIMD REPLACE (PH I)	LS		8,000

10. MISSION OR MAJOR FUNCTIONS:
Homeport to aviation units capable of deploying with carriers and other ships, including eight airborne early warning squadrons (VAW), one tactical support squadron (VRC), two helicopter mine countermeasures squadrons (HM), three LAMPS helicopter squadron (HSL); two helicopter utility squadron (HC), and one fleet composite squadron (VC). Also supports five reserve squadrons, air passenger and freight terminals and the adjacent Naval Aviation Depot.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, NORFOLK, VIRGINIA	AIRCRAFT MAINTENANCE HANGAR

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	211.05	P-519	8,270

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT MAINTENANCE HANGAR	SF	77,670	-	5,530
BUILDING	SF	77,670	70.00	(5,440)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
SUPPORTING FACILITIES	-	-	-	1,900
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(640)
ELECTRICAL UTILITIES	LS	-	-	(220)
MECHANICAL UTILITIES	LS	-	-	(180)
PAVING AND SITE IMPROVEMENT	LS	-	-	(860)
SUBTOTAL	-	-	-	7,430
CONTINGENCY (5.0%)	-	-	-	370
TOTAL CONTRACT COST	-	-	-	7,800
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	470
TOTAL REQUEST	-	-	-	8,270
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame hangar building, pile foundation, concrete floors, built-up roof over insulation on metal decking, concrete walls with metal panels above, high-bay area, aircraft access and parking apron, water and noise pollution abatement features, bridge cranes, technical operating manuals, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 77,670 SF ADEQUATE 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an aircraft maintenance hangar to support four Carrier Airborne Early Warning Squadrons (VAW). (Current mission.)

REQUIREMENT:
Replacement of deteriorated aircraft maintenance hangars in the Land Plane (LP) area of the station. This is the first project of a four project replacement program.

CURRENT SITUATION:
The existing hangars were designed to support fixed wing, single reciprocating engine aircraft and lack the facilities necessary to perform maintenance and maintenance training on the sophisticated aircraft of the squadrons currently housed in them. The four VAW squadrons to be housed in the hangars fly E-2C airborne early warning aircraft that deploy with the carrier air wing. They are currently in hangars located in the Sea Plane (SP) area of the station. Aircraft based at the SP area must taxi across a main air station automobile thoroughfare to reach the runway. The SP area hangars are of the old design, with doors at both ends of the building. With this design, aircraft parked at the doorways block aircraft parked in the middle of the hangar, creating access and traffic flow problems and preventing rapid evacuation in case of a fire. Aircraft safety waivers are required because three of the hangars and some of the parked aircraft penetrate the runway clearance surfaces. The clearance zone around each hangar results in inefficient land use and a shortage of aircraft parking apron space.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, NORFOLK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT MAINTENANCE HANGAR	P-519

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:

This station will not be able to adequately support squadron maintenance and maintenance training. A decreased overall performance in the maintenance and maintenance training functions will cause a severe impact on the operational readiness and mission capability of the squadrons. Expensive E-2C aircraft will continue to cross a busy four-lane boulevard, which is not only hazardous to aircraft and vehicular traffic, but the extensive taxi time necessary to reach the runway reduces the aircraft fuel load.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	35
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	12-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO_X_

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(281)
(B)	ALL OTHER DESIGN COSTS	(120)
(C)	TOTAL	401
(D)	CONTRACT	(356)
(E)	IN-HOUSE	(45)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, NORFOLK, VIRGINIA	ALERT FORCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	143.47	P-300	1,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ALERT FORCE FACILITY	SF	7,000	112.00	780
SUPPORTING FACILITIES	-	-	-	200
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(40)
UTILITIES, PAVING, SITE IMPROVEMENT & DEMO	LS	-	-	(160)
SUBTOTAL	-	-	-	980
CONTINGENCY (5.0%)	-	-	-	50
TOTAL CONTRACT COST	-	-	-	1,030
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story masonry building, concrete floor and roof, pile foundations, bullet resistant windows with gun ports, air conditioning, utilities and demolition of one building; garage space for four armored vehicles.

11. REQUIREMENT: 7,000 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a high security facility to support guard forces. (Current mission.)

REQUIREMENT:
Adequate berthing, messing and training facilities are required for the Marine Guard Force and light armored vehicles.

CURRENT SITUATION:
The existing facility, designed and constructed to accommodate a 12 Marine Guard Force, currently houses the 23 Marines it takes to accomplish its security mission and meet security requirements. There are at least 30 times a year, during logistics movements involving the transportation of weapons from one site to another, when 40 Marines must be fed, issued weapons and ammunition, and briefed. The facility is too small and the inability to accommodate a larger guard force causes continuing daily violations of security. In addition, the security force light armored vehicles are not garaged and are exposed to the elements.

IMPACT IF NOT PROVIDED:
Inadequately sized guard forces will continue. Marines assigned to the Guard Force will continue to live, work and be trained in cramped unsatisfactory facilities. Effectiveness of this highly critical security function will be compromised.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, NORFOLK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
ALERT FORCE FACILITY	P-300

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	03-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(96)
(B) ALL OTHER DESIGN COSTS	(0)
(C) TOTAL	96
(D) CONTRACT	(6)
(E) IN-HOUSE	(90)

(4) CONSTRUCTION START: 02-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL COMMUNICATION AREA MASTER STA LANT NORFOLK, VIRGINIA	NAVAL COMPUTER & TELE-COMMUNICATIONS COMM	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	29	452	305	0	0	0	0	0	0	786
b. END FY 1996	25	447	305	0	0	0	0	0	0	777

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(1,483)	
b. INVENTORY TOTAL AS OF 30 SEP 90		46,980
c. AUTHORIZATION NOT YET IN INVENTORY		11,900
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		6,550
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		4,600
h. GRAND TOTAL		70,030

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131.15	SAT TERM & COMM CTR ADDNS	47,690	SF	6,550	05/89	09/91
	TOTAL			6,550		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

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

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL COMMUNICATION AREA MASTER STA LANT NORFOLK, VIRGINIA	SATELLITE TERMINAL AND COMMUNICATION CENTER ADDITIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303196N	131.15	P-401	6,550

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($)
SATELLITE TERMINAL & COMMUNICATION CTR ADDNS	SF	47,690	-	4,780
BUILDING ADDITION	SF	33,000	127.00	(4,190)
BUILDING ADDITION	SF	6,540	45.00	(290)
BUILDING ALTERATIONS	SF	8,150	37.00	(300)
SUPPORTING FACILITIES	-	-	-	1,100
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(220)
ELECTRICAL UTILITIES	LS	-	-	(310)
MECHANICAL UTILITIES	LS	-	-	(400)
PAVING, SITE IMPROVEMENT, AND DEMOLITION	LS	-	-	(170)
SUBTOTAL	-	-	-	5,880
CONTINGENCY (5.0%)	-	-	-	290
TOTAL CONTRACT COST	-	-	-	6,170
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	380
TOTAL REQUEST	-	-	-	6,550
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(1,800)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame and concrete building addition, pile and concrete foundation, built-up roof on concrete deck, concrete masonry unit walls; single-story pre-engineered metal building addition, loading dock; alterations to three buildings including connecting corridors for new addition, conversion of administrative space into warehouse space, provisions for installation of Extremely High Frequency (EHF) satellite terminal; High altitude ElectroMagnetic Pulse (HEMP) harden existing emergency power facility and EHF antenna support towers; provisions for relocatable interior walls uninterruptible power system, antenna systems, and diesel emergency generators; 15,000-gallon underground fuel tank; air conditioning, heating and ventilation, fire alarm and sprinkler systems, security lighting, utilities; demolition of two buildings.

11. REQUIREMENT: 97,480 SF ADEQUATE: 49,790 SF SUBSTANDARD: (8,150) SF

PROJECT:

Constructs an addition to the communications building to house electronic equipment, administrative and technical support functions; an addition for general warehouse space, a HEMP-hardened earth terminal for EHF satellite communications system and Ultra High Frequency (UHF) Follow On (UFO) program; and HEMP hardens the emergency power facility and EHF antenna support towers. (New mission.)

REQUIREMENT:

Adequate space to house electronic equipment and technical support functions essential for supporting new program requirements. The earth terminal will provide worldwide, survivable, anti-jam, low probability of intercept communications in a stressed environment for shore, ship, and submarine platforms. The additions will replace three inadequate metal buildings.

CURRENT SITUATION:

The addition of new Navy and DOD communications systems has filled existing spaces to capacity leaving further installations subject to security, safety, and operational risks. There are no adequate

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL COMMUNICATION AREA MASTER STA LANT NORFOLK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
SATELLITE TERMINAL AND COM- MUNICATION CENTER ADDITIONS	P-401

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
facilities at this site to house and support an earth terminal for EHF and UHF satellite communications systems. The station is the primary hub for communications circuitry passing into and out of the geographic region supporting over 800 commands and activities and all forces afloat in the Atlantic area. New program equipment and technical support requirements exceed the space available. Management, operational, and technical support functions are currently dispersed to other locations, including three temporary metal buildings, all of which are inadequate.

IMPACT IF NOT PROVIDED:
Without this project, this station will not be able to support the Fleet, subordinate Operational Commanders, and Type Commanders sponsoring command and control, intelligence, targeting, and tactical communications subsystems. The Navy will not be able to adequately meet EHF, UHF and UFO communications requirements. The communications network will not be fully operational and service to the Fleet will be seriously impaired.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-89
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	09-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(280)
(B) ALL OTHER DESIGN COSTS	(50)
(C) TOTAL	330
(D) CONTRACT	(310)
(E) IN-HOUSE	(20)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT #33109N	OPN	1990	1,800
		TOTAL	1,800

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL STATION, NORFOLK, VIRGINIA	COMMANDER IN CHIEF, ATLANTIC FLEET	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	4047	54567	2096	38	213	0	375	1953	0	63289
b. END FY 1996	3472	49165	2099	52	265	0	375	1953	0	57381

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(181)	
b. INVENTORY TOTAL AS OF 30 SEP 90		225,040
c. AUTHORIZATION NOT YET IN INVENTORY		11,300
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		340
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		36,320
g. REMAINING DEFICIENCY		12,790
h. GRAND TOTAL		285,790

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
880.10	FIRE ALARM SYS IMPRVS	LS	340	05/90	10/91
	TOTAL		340		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

740.74	CHILD DEVELOPMENT CENTER	20,630	SF	1,700
165.10	DREDGING	110,710	CY	620
151.20	DRYDOCK BERTHING SPT FAC	LS		21,800
721.11	BACHELOR ENLISTED QUARTERS	145,960	SF	12,200

10. MISSION OR MAJOR FUNCTIONS:
Functions as the primary operating base of the Atlantic Fleet, homeport to over 100 ships, including aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. This station is the hub of the major Tidewater Logistics Complex of Hampton Roads, Portsmouth, Yorktown and Little Creek. Supporting the following activities:

Amphibious Group	Naval Air Station
Cruiser-Destroyer Group	Naval Aviation Depot
Attack Submarine Squadrons	Nuclear Weapons Training Center
Fleet Training Center	Navy Public Works Center
Shore Intermediate Maint. Act.	Naval Supply Center
Service Group	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
OCEANOGRAPHIC SYSTEM ATLANTIC, NORFOLK, VIRGINIA	COMMANDER IN CHIEF, ATLANTIC FLEET	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	31	186	29	0	0	0	0	0	0	246
b. END FY 1996	35	174	29	0	0	0	0	0	0	238

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE — TENANT OF FTCDAMNEC

b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	3,250
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	12,400
g. REMAINING DEFICIENCY	3,700
h. **GRAND TOTAL**	19,350

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
159.64	SURTASS SUPPORT CENTER	6,160 SF	3,250	05/90	11/91
	TOTAL		3,250		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.11	BACHELOR ENLISTED QUARTERS	LS	4,300
159.64	SURTASS SPT CTR EXPANSION	LS	8,100

10. MISSION OR MAJOR FUNCTIONS:
Conducts oceanographic observations to provide extensive information on conditions in the Atlantic area.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
OCEANOGRAPHIC SYSTEM ATLANTIC, NORFOLK, VIRGINIA	SURTASS SUPPORT CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204311N	159.64	P-332	3,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SURTASS SUPPORT CENTER	SF	6,160	-	570
BUILDING	SF	6,000	89.00	(530)
SENTRY HOUSE	SF	160	255.00	(40)
SUPPORTING FACILITIES	-	-	-	2,350
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,640)
UTILITIES	LS	-	-	(610)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(100)
SUBTOTAL	-	-	-	2,920
CONTINGENCY (5.0%)	-	-	-	150
TOTAL CONTRACT COST	-	-	-	3,070
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	180
TOTAL REQUEST	-	-	-	3,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame operations building, concrete floor, masonry walls, metal roof, fire protection system, utilities, air conditioning; one-story masonry sentry house, concrete floor, metal roof, fire protection system, utilities, air conditioning, bulletproof glazing; restore marine timber piling and beneath-deck structural timbers for Pier 13; repair marine fender piles; demolition of two buildings.

11. REQUIREMENT: 6,160 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides building for coordinating waterfront operations and increases pier capability to berth additional ships to support the Atlantic Fleet's Surface Towed Array Surveillance System (SURTASS). (New mission.)

REQUIREMENT:
Adequate waterfront facilities are required for SURTASS Small Waterplane Area Twin Hull (SWATH) ships homeported in Norfolk, which continuously provide data in support of the Atlantic Fleet Naval Forces. St. Helena provides the only pier facilities in the Norfolk area that can accommodate deep draft SWATH ships.

CURRENT SITUATION:
The existing wooden facility was built in 1942 and is deteriorated beyond economical repair. For access control and physical security, there exists only a portable guard booth. Additional pier structural restoration is necessary before planned additional SWATH ships can be berthed.

IMPACT IF NOT PROVIDED:
Waterfront operations will be inhibited and there will be a deficiency of pier berthing that will adversely impact routine and contingency SWATH deployment schedules and, therefore, directly impact SURTASS support to the Atlantic Fleet Naval Forces.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

OCEANOGRAPHIC SYSTEM ATLANTIC, NORFOLK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
SURTASS SUPPORT CENTER	P-332

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED:

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(115)
(B) ALL OTHER DESIGN COSTS	(60)
(C) TOTAL	175
(D) CONTRACT	(146)
(E) IN-HOUSE	(29)

(4) CONSTRUCTION START 02-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL AIR STATION, OCEANA, VIRGINIA	COMMANDER IN CHIEF, ATLANTIC FLEET	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	1079	8220	1385	199	997	0	118	495	0	12493
b. END FY 1996	1118	8169	1317	163	993	0	118	495	0	12373

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(22,694)	
b. INVENTORY TOTAL AS OF 3C SEP 90		241,700
c. AUTHORIZATION NOT YET IN INVENTORY		29,125
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		7,270
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		3,600
f. PLANNED IN NEXT THREE PROGRAM YEARS		42,700
g. REMAINING DEFICIENCY		100,910
h. **GRAND TOTAL**		425,305

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
171.35	OPER FLIGHT TRNR BLDG ADDN	11,650	SF	2,020	04/90	06/91
171.20	SQUADRON TRNG BLDG ADDN	47,500	SF	5,250	12/86	01/88
	TOTAL			7,270		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):

171.35	WEAPON SYS TRNR BLDG ADDN	23,400	SF	3,600	01/91	03/92
	TOTAL			3,600		

B. MAJOR PLANNED NEXT THREE YEARS:

171.35	F-14D TRAMP TRAINER	LS		2,600
740.74	CHILD DEV CENTER ADDITION	3,573	SF	1,450
211.05	HANGAR UPGRADE	182,856	SF	4,500
171.20	OPERATIONAL TRAINING FAC	112,330	SF	21,000

10. MISSION OR MAJOR FUNCTIONS:

This Atlantic Fleet master jet base provides operational support to 12 fighter squadrons (F-14) and eight medium attack squadrons (A-6) which deploy on Atlantic Fleet aircraft carriers, one adversary fighter squadron, two reserve units, and two Fleet Readiness Squadrons. It also provides support to ALF (Auxiliary Landing Field) Fentress.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, OCEANA, VIRGINIA	OPERATIONAL FLIGHT TRAINER BUILDING ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	171.35	P-179	2,020

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
OPERATIONAL FLIGHT TRAINER BUILDING ADDITION	SF	11,650	-	1,440
BUILDING ADDITION	SF	11,650	110.00	(1,280)
BUILT-IN EQUIPMENT	LS	-	-	(160)
SUPPORTING FACILITIES	-	-	-	380
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(90)
ELECTRICAL UTILITIES	LS	-	-	(110)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENT	LS	-	-	(100)
SUBTOTAL	-	-	-	1,820
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,910
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	110
TOTAL REQUEST	-	-	-	2,020
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(25,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel-frame building addition, concrete floor and masonry walls, pile foundations, built-up roof, monorail, high bay area, air conditioning, utilities, fire protection system.

11. REQUIREMENT: 11,650 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides an addition to an existing operational flight trainer building for training and instructional facilities for the A6E System/Weapon Improvement Program (SWIP) aircraft. (New mission.)

REQUIREMENT:

Adequate and properly-configured facilities to support the upgraded A-6E SWIP aircraft and to accommodate the trainer and its associated computers and equipment. Oceana is homeport to eight deployable and one training medium attack aircraft squadrons, and all Atlantic Fleet medium attack squadrons. The A6E SWIP is an improved medium attack, all-weather aircraft, using the same airframe as the A6E, but with several communications, navigation, weapons, engine and other system improvements making it more capable. The first ten A6E aircraft will be procured over a two-year period. This aircraft will be a cost-effective means of providing a carrier-based, all-weather attack aircraft that can deal with today's hostile anti-air and electronics countermeasures environment. The A6E SWIP Weapons System Trainer for this facility is scheduled for delivery in June 1993.

CURRENT SITUATION:

All training buildings at Oceana are now and will continue to be fully utilized as long as the older A6E is homeported here. There are no plans to completely phase out the A6E within the next decade. The training workload will continue for the A6E in parallel with new training for the A6E SWIP. No other suitable facility is available to conduct A6E SWIP aircraft weapons systems training.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, OCEANA, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
OPERATIONAL FLIGHT TRAINER BUILDING ADDITION	P-179

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:

Oceana will be unable to provide adequate weapons systems training for squadron flight crews flying the A-6E SWIP aircraft, jeopardizing operational effectiveness, flight safety and the readiness posture of the Atlantic Fleet primary carrier based attack capability. There will be no facility to house the new trainer.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	04-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(102)
(B)	ALL OTHER DESIGN COSTS	(60)
(C)	TOTAL	162
(D)	CONTRACT	(137)
(E)	IN-HOUSE	(25)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
2F156 DEVICE A-6E SWIP TRAINER	RDT&E (BA-7) (456789)	1988	25.000
		TOTAL	25.000

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, OCEANA, VIRGINIA	SQUADRON TRAINING BUILDING ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	171.20	P-718	5,250

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SQUADRON TRAINING BUILDING ADDITION	SF	47,500	-	4,120
BUILDING ADDITION	SF	47,500	85.00	(4,040)
TECHNICAL OPERATING MANUALS	LS	-	-	(80)
SUPPORTING FACILITIES	-	-	-	600
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(100)
ELECTRICAL UTILITIES	LS	-	-	(160)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENT	LS	-	-	(260)
SUBTOTAL	-	-	-	4,720
CONTINGENCY (5.0%)	-	-	-	240
TOTAL CONTRACT COST	-	-	-	4,960
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	290
TOTAL REQUEST	-	-	-	5,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(69,030)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One and two-story steel frame building addition, pile foundation, concrete floors, masonry and metal panel walls, single-ply membrane roof system, 40 HZ electric power generators, 28 V direct current rectifiers, bridge cranes; hangar space, maintenance trainers, classrooms, administrative space, library, systems training; fire alarm and protection systems, air conditioning, utilities.

11. REQUIREMENT: 47,500 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an addition for aircrew and aircraft maintenance personnel training in support of the Atlantic Fleet's A-6 Intruder Squadrons. (Current mission.)

REQUIREMENT:
Adequate and properly-configured facilities for aircrew and aircraft maintenance personnel training. Oceana is homeport to eight deployable and one training, medium attack aircraft squadrons and all Atlantic Fleet F-14 fighter squadrons. Squadron flight crews and maintenance personnel need to learn the complex A-6 Intruder operational and maintenance systems and procedures to ensure the aircraft can be used to their fullest potential during combat situations.

CURRENT SITUATION:
The number of fleet medium attack squadrons at Oceana has increased from six in the mid-1980's to eight, plus the training squadron. Training is presently accomplished in inadequate spaces, such as maintenance hangars, trailers and temporary aircraft shelters, at the expense of other functions and training effectiveness. All training buildings at Oceana are fully utilized and will continue to be for the foreseeable future.

IMPACT IF NOT PROVIDED:
Without additional training space Oceana will not be able to provide adequately trained squadron replacement personnel, jeopardizing operational effectiveness, flight safety and the readiness posture of the Atlantic Fleet carrier based primary attack capability.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, OCEANA, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
SQUADRON TRAINING BUILDING ADDITION	P-718

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	12-86
(B) PERCENT COMPLETE AS OF JANUARY 1991	100
(C) DATE DESIGN 35% COMPLETE	04-87
(D) DATE DESIGN COMPLETE	01-88

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(199)
(B) ALL OTHER DESIGN COSTS	(72)
(C) TOTAL	271
(D) CONTRACT	(240)
(E) IN-HOUSE	(31)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
WEAPON SYSTEMS TRAINER	RDT&E (BA-7) (456789)	1990 - 1991	54,310
AIRCRAFT SYSTEMS TRAINER	RDT&E (BA-6) (123456)	1988 - 1989	14,720
		TOTAL	69,030

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA COST INDEX
NAVAL HOSPITAL, PORTSMOUTH, VIRGINIA	BUREAU OF MEDICINE AND SURGERY	.92

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	831	1744	939	0	360	0	35	268	0	4177
b. END FY 1996	866	1815	1141	0	372	0	35	297	0	4526

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(111)	
b. INVENTORY TOTAL AS OF 30 SEP 90		38,440
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		6,600
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		31,140
h. **GRAND TOTAL**		76,180

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721.11	BACHELOR ENLISTED QUARTERS	68,260	SF	6,600	03/90	10/91
	TOTAL			6,600		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:

Provide a comprehensive range of inpatient and ambulatory health care services to active duty Navy and Marine Corps and other services personnel. Maintains liaison with shore commands and units of the Operating Forces receiving medical care. Provides support to the Naval School of Health Sciences for formal training of hospital corpsmen and dental technicians. Develops, operates and manages administrative and logistical plans and programs. Maintains personnel and material in support of the Mobile Medical Augmentation Readiness System and other contingency programs.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL HOSPITAL, PORTSMOUTH, VIRGINIA	BACHELOR ENLISTED QUARTERS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0807796N	721.11	P-025	6,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
BACHELOR ENLISTED QUARTERS	SF	68,260	-	5,050
BUILDING	SF	65,260	69.00	(4,500)
BUILDING ADDITION	SF	3,000	120.00	(360)
BUILT-IN EQUIPMENT	LS	-	-	(190)
SUPPORTING FACILITIES	-	-	-	880
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(200)
UTILITIES	LS	-	-	(180)
PAVING AND SITE IMPROVEMENT	LS	-	-	(270)
DEMOLITION	LS	-	-	(230)
SUBTOTAL	-	-	-	5,930
CONTINGENCY (5.0%)	-	-	-	300
TOTAL CONTRACT COST	-	-	-	6,230
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	370
TOTAL REQUEST	-	-	-	6,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Six-story reinforced concrete frame building, pile foundation, concrete floors, masonry walls, built-up roofing, solar assisted domestic hot-water system, elevators, technical operating manuals, fire protection and alarm systems, air conditioning, utilities; 78 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending and mechanical equipment; detached mechanical building and one-story building addition; demolition of one building.
Grade mix: 312 E1-E4. Total: 312.

11. REQUIREMENT: 849 PN ADEQUATE: 83 PN SUBSTANDARD: 0 PN

PROJECT:
Provides adequate billeting for 312 enlisted personnel. (Current mission).

REQUIREMENT:
Adequate housing for 849 bachelor enlisted personnel assigned to the hospital staff.

CURRENT SITUATION:
Existing adequate berthing capacity of 83 spaces is insufficient. A new construction deficiency of 766 adequate billeting spaces exists. The surrounding community has insufficient housing and cannot satisfy the activity's berthing requirements at an affordable price. After construction of this project, the remaining projected deficit will be satisfied by follow-on projects.

IMPACT IF NOT PROVIDED:
Continued degradation of safety, productivity and training, morale and health of personnel, and Navy's career retention efforts.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL HOSPITAL, PORTSMOUTH, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
BACHELOR ENLISTED QUARTERS	P-025

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	03-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	09-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO ___

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(0)
(B) ALL OTHER DESIGN COSTS	(396)
(C) TOTAL	396
(D) CONTRACT	(6)
(E) IN-HOUSE	(390)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
SHORE INTERMEDIATE MAINTENANCE ACTIVITY, PORTSMOUTH, VIRGINIA	COMMANDER IN CHIEF, ATLANTIC FLEET	.82

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	6	320	6	0	0	0	0	0	0	332
b. END FY 1996	5	268	6	0	0	0	0	0	0	279

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	TENANT OF NSCNORFOL	
b. INVENTORY TOTAL AS OF 30 SEP 90		0
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		14,000
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		2,000
h. GRAND TOTAL		16,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
213.30	SHORE INT MAINT FACILITY	107,750	SF	14,000	07/89	03/91
	TOTAL			14,000		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
Provides intermediate maintenance of the hull, mechanical, and electrical systems, aircraft launch and recovery equipment and support equipment from all aircraft carriers based at Norfolk, as well as other ships with air departments during selected restricted availability or restricted overhaul. Also provides ashore duty billets for aviation ratings. The provided services include intermediate ship maintenance and repair, technical training and assistance to ships as requested.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHORE INTERMEDIATE MAINTENANCE ACTIVITY, PORTSMOUTH, VIRGINIA	SHORE INTERMEDIATE MAINTENANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204457N	213.30	P-320	14,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SHORE INTERMEDIATE MAINTENANCE FACILITY	SF	107,750	-	8,630
BUILDING	SF	106,600	77.00	(8,210)
BUILDING ADDITION	SF	1,150	126.00	(140)
BUILT-IN EQUIPMENT	LS	-	-	(170)
TECHNICAL OPERATING MANUALS	LS	-	-	(110)
SUPPORTING FACILITIES	-	-	-	3,950
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,100)
UTILITIES	LS	-	-	(1,000)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(1,150)
DEMOLITION	LS	-	-	(700)
SUBTOTAL	-	-	-	12,580
CONTINGENCY (5.0%)	-	-	-	630
TOTAL CONTRACT COST	-	-	-	13,210
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	790
TOTAL REQUEST	-	-	-	14,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(11,400)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame building, pile foundation, reinforced concrete flooring, concrete masonry units and insulated steel panel walls, insulated single-ply membrane roof, fire protection system, air conditioning, monorail, exhaust and ventilation systems, balancing machine, dynamometer, elevators, compressed air system, waste separation and holding facility, computer flooring, shielding, utilities; one-story concrete and masonry building addition, boiler, fuel storage tanks, steam lines; demolition of eight buildings.

11. REQUIREMENT: 166,020 SF ADEQUATE: 58,270 SF SUBSTANDARD: 0 SF

PROJECT:

Provides a facility for intermediate maintenance support of Atlantic Fleet aircraft carriers and ground support equipment (GSE) for amphibious assault ships with aviation departments. Includes administrative offices, classrooms and training spaces, and an addition for the expansion of the St. Juliens Creek Annex boiler plant. (Current mission.)

REQUIREMENT:

Adequate, consolidated, and properly-configured facilities for the repair of air departments' operations so that intermediate maintenance of aircraft carriers and ground support equipment can be better accomplished. Six of the Atlantic Fleet's eight conventional and nuclear-powered aircraft carriers are homeported in Norfolk, with one normally undergoing complete overhaul at the shipyard. This Shore Intermediate Maintenance Activity (SIMA) also provides support to 12 homeported ships with air departments such as amphibious assault ships and is manned by 540 active duty and temporarily assigned personnel. No growth in personnel is projected despite the addition of the new carrier U.S.S. Theodore Roosevelt to the workload. Intermediate maintenance cannot be performed by ship workforces, but does not require scheduling lengthy and expensive overhauls at the public shipyards. While there are some limited repair capabilities on the ships, exceptionally large ones

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

SHORE INTERMEDIATE MAINTENANCE ACTIVITY, PORTSMOUTH, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
SHORE INTERMEDIATE MAINTENANCE FACILITY	P-320

11. REQUIREMENT: (CONTINUED)

REQUIREMENT: (CONTINUED)

like the aircraft carriers do not have the shops and technical skills necessary to keep all shipboard systems running. SIMA personnel augment ship repair capabilities and provide shore billets for personnel in many ratings found normally only on ships. This keeps the personnel proficient in their mechanical and other skills while serving shore-duty. SIMA's provide valuable training to these mechanics while assigned and a chance to update skills and learn new shipboard systems. A SIMA consists of many industrial shops and engineering spaces which perform maintenance on most of the heavy industrial shipboard systems. The capabilities include pipe manufacture and repair; boiler and propulsion system maintenance; electronics and radar repair; steel and plate work; parts milling and manufacture; wood working for small craft maintenance; and pump, valve and hydraulic system maintenance. In addition to these capabilities, which are generic to most SIMA's, the Portsmouth facilities will have maintenance and repair capabilities for those shipboard systems unique to aircraft carriers. These systems include steam catapults; aircraft arresting gear and crash barricades; jet blast deflectors mounted in the carrier deck; and ground support equipment (GSE) used for starting and servicing aircraft assigned to the air wing. The SIMA also provides GSE overhaul services to Atlantic Fleet air stations.

CURRENT SITUATION:

Some existing shops are located in 27 structures which have improper climate control and inadequate utilities to support industrial processes and installed equipment. This includes inadequate power, lighting, compressed air, exhaust and ventilation. All but one of the buildings is wood-frame construction. All must use portable space heaters to augment the inadequate steam heating system. Many of the roofs leak. Some shop equipment cannot be used because of a lack of ventilation. The present configuration results in unsafe and inefficient maintenance work because of the advanced deterioration of the facilities and excessive material handling caused by separation of inter-dependent work centers. Eight of these buildings will be demolished and the others turned-over to the shipyard.

IMPACT IF NOT PROVIDED:

Present shop functions will continue to be inefficient and unsafe. Improvements to the workplace will not be achieved. This includes fire safety, acequate heating and ventilation and better lighting. A new SIMA building is vital for intermediate level maintenance of assigned ships or Fleet readiness will be seriously impaired.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	07-89
(B)	PERCENT COMPLETE AS OF JANUARY 1991	95
(C)	DATE DESIGN 35% COMPLETE	10-89
(D)	DATE DESIGN COMPLETE	03-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(500)
(B)	ALL OTHER DESIGN COSTS	(200)

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

SHORE INTERMEDIATE MAINTENANCE ACTIVITY, PORTSMOUTH, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
SHORE INTERMEDIATE MAINTENANCE FACILITY	P-320

12. SUPPLEMENTAL DATA: (CONTINUED)

(C) TOTAL 700
(D) CONTRACT . . . . . (670)
(E) IN-HOUSE . . . . . (30)

(4) CONSTRUCTION START 12-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
INDUSTRIAL PLANT EQUIPMENT	OPN	1989 - 1991	4,000
MISCELLANEOUS MINOR EQUIPMENT	O&MN	1991 - 1992	7,400
		TOTAL	11,400

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
COMMANDER SUBMARINE GROUP 9, BANGOR, WASHINGTON	COMMANDER IN CHIEF, PACIFIC FLEET	.98

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	22	108	0	0	0	0	0	71	0	201
b. END FY 1996	24	91	0	0	0	0	0	175	0	290

7. INVENTORY DATA ($000)

	TENANT OF NAVSUBBAS
a. TOTAL ACREAGE	
b. INVENTORY TOTAL AS OF 30 SEP 90	0
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	2,050
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	0
g. REMAINING DEFICIENCY	0
h. **GRAND TOTAL**	2,050

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131.15	SATELLITE TERMINAL ADDN	2,200 SF	2,050	07/90	10/91
	TOTAL		2,050		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:

This group is a subordinate command to the Commander, Submarine Force, U. S. Pacific Fleet (COMSUBPAC), and exercises delegated authority over commands and units assigned, including operational and administrative control. As the senior Submarine Commander in the Puget Sound area and the local submarine operation authority, this group provides local coordinating authority for all matters assigned by COMSUBPAC. This group also exercises direct control over administration and training of TRIDENT offcrews, integration and coordination of TRIDENT operation and support facilities, and planning and management of port operations.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
COMMANDER SUBMARINE GROUP 9, BANGOR, WASHINGTON	SATELLITE TERMINAL ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303109N	131.15	P-409	2,050

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SATELLITE TERMINAL ADDITION	SF	2,200	468.00	1,030
SUPPORTING FACILITIES	-	-	-	810
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(580)
UTILITIES	LS	-	-	(180)
PAVING AND SITE IMPROVEMENT	LS	-	-	(50)
SUBTOTAL	-	-	-	1,840
CONTINGENCY (5.0%)	-	-	-	9[illegible]
TOTAL CONTRACT COST	-	-	-	1,930
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,05[illegible]
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(1,20[illegible]

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Single-story building addition, concrete masonry unit, high altitude electromagnetic pulse (HEMP) hardened, TEMPEST shielded facility; dry air system, cooling water system; ground level single-story HEMP-hardened generator building, emergency generator; fire protection systems, lightning protection, bonding and grounding systems, HEMP-hardened cable connection between new terminal and baseboard equipment, air conditioning, utilities.

11. REQUIREMENT: 2,200 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an addition to house HEMP-hardened earth terminal component of the tri-service MILSTAR satellite communications system and the Ultra High Frequency (UHF) Follow On (UFO) Program. (New mission.)

REQUIREMENT:
Worldwide, survivable, anti-jam, low-probability of intercept communications in a stressed environment for shore, ship, and submarine platforms.

CURRENT SITUATION:
There are no adequate facilities at this activity to house and support an earth terminal for the MILSTAR satellite communications system.

IMPACT IF NOT PROVIDED:
The Navy will not be able to provide their portion of the MILSTAR program. The MILSTAR network will not be fully operational and the service to the fleet will be seriously impaired.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

COMMANDER SUBMARINE GROUP 9, BANGOR, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
SATELLITE TERMINAL ADDITION	P-409

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(95)
(B) ALL OTHER DESIGN COSTS	(92)
(C) TOTAL	187
(D) CONTRACT	(177)
(E) IN-HOUSE	(10)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT #33109N	OPN	1991	1,200
		TOTAL	1,200

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
TRIDENT REFIT FACILITY, BANGOR, WASHINGTON	COMMANDER IN CHIEF, PACIFIC FLEET	.98

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	51	737	1097	0	0	0	0	0	0	1885
b. END FY 1996	56	796	1154	0	0	0	0	0	0	2006

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(0)	
b. INVENTORY TOTAL AS OF 30 SEP 90		172,840
c. AUTHORIZATION NOT YET IN INVENTORY		4,010
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,170
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		21,054
g. REMAINING DEFICIENCY		33,090
h. **GRAND TOTAL**		233,164

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610.20	DATA PROCESSING CTR ADDN	13,000	SF	2,170	06/90	07/91
	TOTAL			2,170		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

441.35	BOTTLED GAS STORAGE SHED	9,670	SF	900
213.77	DRYDOCK STORAGE FACILITY	13,500	SF	1,450
213.30	HULL COATING FACILITY	17,584	SF	3,800
213.30	INDUSTRIAL SHOP	LS		14,304
125.16	POL STORAGE FACILITY	10,000	SF	600

10. MISSION OR MAJOR FUNCTIONS:
Provide complete repair and refit service for the Pacific Fleet TRIDENT ballistic missile submarines, including all required services f: ships alongside at the base. Provide industrial support for homeported submarines during short and very labor intensive refit periods.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
TRIDENT REFIT FACILITY, BANGOR, WASHINGTON	DATA PROCESSING CENTER ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0101896N	610.20	P-031	2,170

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
DATA PROCESSING CENTER ADDITION	SF	13,000	-	1,820
BUILDING ADDITION	SF	10,000	152.00	(1,520)
BUILDING RENOVATION	SF	3,000	50.00	(150)
BUILT-IN EQUIPMENT	LS	-	-	(150)
SUPPORTING FACILITIES	-	-	-	130
UTILITIES	LS	-	-	(80)
PAVING AND SITE IMPROVEMENT	LS	-	-	(50)
SUBTOTAL	-	-	-	1,950
CONTINGENCY (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,050
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,170
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story concrete slab-on grade addition with raised computer flooring, underfloor halogen fire protection system, pre-action fire protection systems, renovation of administrative offices; air conditioning, emergency power source, and parking.

11. REQUIREMENT: 13,000 SF ADEQUATE: 0 SF SUBSTANDARD: (3,000) SF

PROJECT:

Provides an addition to the Automated Data Processing Center and renovation of administrative offices to overcome current space deficiencies and accommodate additional computer hardware. (New mission.)

REQUIREMENT:

Additional space in the data processing center for computer room expansion, field engineering and productions control, and disk and tape storage. This facility provides industrial support for incremental overhaul of equipment in the Trident submarine's base at the Naval Submarine Base Bangor. It controls all maintenance and replenishment actions related to the squadron's mission, including maintenance of non-strategic weapons; propulsion systems and components; command and control systems; mechanical, electrical and electronics; and structural systems. It is also responsible for providing contingency support to the Strategic Weapons Facility (SWF). The refit and replenishment cycle normally occurs within 25 days. Within this extremely tight schedule, the only possible means of keeping track of removed parts, repair history, job orders, and supply requests is through an automated data processing system. The data processing center houses all automated data processing and interfacing systems used by the facility.

CURRENT SITUATION:

Difficulty in accessing equipment for performing maintenance and in achieving the proper heatload and air conditioning balance in the existing undersized computer room increases failure rates and downtime Downtime of the computer disrupts outfitting and replenishment orders for the submarines and causes extension of time in-port. This means

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

TRIDENT REFIT FACILITY, BANGOR, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
DATA PROCESSING CENTER ADDITION	P-031

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
submarines at sea must remain on-station until a replacement is available. New equipment recently acquired is set up in areas which do not have adequate utility support. The existing storage library has reached capacity and needs to be expanded. Tapes and disks must be stored adjacent to the computer room in a similar environment to reduce transport time and problems caused by moving tapes from different temperatures and humidity levels.

IMPACT IF NOT PROVIDED:
Increased frequency of computer downtime resulting in the disruption of the Trident's operating cycles. As the submarines get older, repair histories provided via computer become more important to crews maintaining the boats during the 25-day refit period. Replenishment is very difficult without the benefit of computer requisition programs. Computer equipment will continue to be operated in environments which overheat and overstress the systems. Historical tapes and disks will be subjected to damage as a result of inadequate storage facilities. This facility will be unable to provide SWF with backup support in the event of failure of the SWF systems.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(130)
(B) ALL OTHER DESIGN COSTS	(30)
(C) TOTAL	160
(D) CONTRACT	(152)
(E) IN-HOUSE	(8)

(4) CONSTRUCTION START: 10-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL STATION, EVERETT, WASHINGTON	COMMANDER IN CHIEF, PACIFIC FLEET	1.14

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	0	0	0	0	0	0	0	0	0	0
b. END FY 1996	171	2956	0	0	0	0	0	0	0	3127

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(322)	
b. INVENTORY TOTAL AS OF 30 SEP 90		24,090
c. AUTHORIZATION NOT YET IN INVENTORY		109,367
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		21,790
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		69,200
g. REMAINING DEFICIENCY		178,390
h. **GRAND TOTAL**		402,837

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610.10	ADMINISTRATION FACILITY	27,900	SF	4,500	05/87	06/91
722.10	MESS HALL	9,350	SF	2,400	09/90	04/91
932.20	U&SI	LS		14,890	07/85	06/91
	TOTAL			21,790		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

721.11	BACHELOR ENLISTED QUARTERS	148,200	SF	8,000
831.41	HAZARDOUS WASTE FACILITY	7,800	SF	1,200
213.30	SIMA	LS		16,000
721.11	BEQ (PHASE II	LS		8,000
740.40	BOWLING ALLEY	LS		5,500

10. MISSION OR MAJOR FUNCTIONS:
Provide homeport facilities and logistic support for an Aircraft Carrier Battle Group to be assigned to this new strategic homeport. Provide harbor and waterfront facilities, exchange, personnel support, athletic and recreational, berthing, and messing services.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL STATION, EVERETT, WASHINGTON	ADMINISTRATION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	610.10	P-103	4,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADMINISTRATION FACILITY	SF	27,900	106.00	2,960
SUPPORTING FACILITIES	-	-	-	1,090
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(200)
UTILITIES	LS	-	-	(130)
PAVING AND SITE IMPROVEMENT	LS	-	-	(760)
SUBTOTAL	-	-	-	4,050
CONTINGENCY (5.0%)	-	-	-	200
TOTAL CONTRACT COST	-	-	-	4,250
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	250
TOTAL REQUEST	-	-	-	4,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel-frame and masonry building, pile foundation, classified waste disposal, utilities, paving.

11. REQUIREMENT: 27,900 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides an administrative facility including areas for courtroom, post office, fleet motion picture exchange, and classified waste incinerator. (Current mission.)

REQUIREMENT:

Adequate space for base administrative support, legal proceedings, mail service, and distribution of motion picture tapes to support the Carrier Battle Group (CVBG) to be homeported at Everett.

CURRENT SITUATION:

There are no administrative facilities available to support the CVBG. Prior funding for construction of the homeport at Everett was provided for land acquisition, site development, waterfront and initial operational facilities.

IMPACT IF NOT PROVIDED:

Administrative support for functions and personnel of the CVBG would have to be leased off-base, resulting in increased costs and reduced efficiency.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED 05-87

(B) PERCENT COMPLETE AS OF JANUARY 1991 45

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL STATION, EVERETT, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
ADMINISTRATION FACILITY	P-103

12. SUPPLEMENTAL DATA: (CONTINUED)

(C) DATE DESIGN 35% COMPLETE 09-90
(D) DATE DESIGN COMPLETE 06-91

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (240)
(B) ALL OTHER DESIGN COSTS . . . . . (160)
(C) TOTAL. 400
(D) CONTRACT . . . . . (360)
(E) IN-HOUSE . . . . . (40)

(4) CONSTRUCTION START. 12-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL STATION, EVERETT, WASHINGTON	MESS HALL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	722.10	P-081	2,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MESS HALL	SF	9,350	-	1,710
BUILDING	SF	9,350	159.00	(1,490)
BUILT-IN EQUIPMENT	LS	-	-	(220)
SUPPORTING FACILITIES	-	-	-	440
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(320)
UTILITIES	LS	-	-	(60)
PAVING AND SITE IMPROVEMENT	LS	-	-	(60)
SUBTOTAL	-	-	-	2,150
CONTINGENCY (5.0%)	-	-	-	110
TOTAL CONTRACT COST	-	-	-	2,260
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel-frame and masonry building, pile foundation, loading dock, utilities, paving, site improvements.

11. REQUIREMENT: 9,350 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a messhall. (Current mission.)

REQUIREMENT:
Adequate facilities to provide food service for unaccompanied enlisted personnel stationed at the Everett homeport.

CURRENT SITUATION:
No facilities exist on base to provide food service for enlisted personnel. Prior funding for construction of the homeport at Everett was provided for land acquisition, site development, waterfront and initial operational facilities.

IMPACT IF NOT PROVIDED:
Adequate food service cannot be provided to personnel on-base, and enlisted personnel would have to be bussed off-base for meals. The result would be increased costs due to ration allowances, and loss of productive time on the job.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	09-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	45
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	04-91

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL STATION, EVERETT, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
MESS HALL	P-081

12. SUPPLEMENTAL DATA: (CONTINUED)

(2) BASIS:
(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(120)
(B) ALL OTHER DESIGN COSTS	(90)
(C) TOTAL	210
(D) CONTRACT	(190)
(E) IN-HOUSE	(20)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL STATION, EVERETT, WASHINGTON	UTILITIES AND SITE IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	932.20	P-130	14,890

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UTILITIES AND SITE IMPROVEMENTS	LS	-	-	13,380
SUBTOTAL	-	-	-	13,380
CONTINGENCY (5.0%)	-	-	-	670
TOTAL CONTRACT COST	-	-	-	14,050
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	840
TOTAL REQUEST	-	-	-	14,890
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Wharf and site utilities, including sanitary sewer, potable water, natural gas, steam, compressed air, electrical, communications; fencing, earth grading, storm drainage, lighting, paving, slope stabilization, site improvements, utility connections.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Provides utilities and site improvements. (Current mission.)

REQUIREMENT:
Adequate infrastructure for facilities supporting the homeporting of a Carrier Battle Group (CVBG) at Everett.

CURRENT SITUATION:
Prior increments of Utilities and Site Improvements did not complete the infrastructure development required to fully support facilities being constructed for the CVBG.

IMPACT IF NOT PROVIDED:
Inadequate infrastructure to support ship berthing and facilities being constructed for the CVBG.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-85
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	09-90
(D) DATE DESIGN COMPLETE	06-91

(2) BASIS:

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL STATION, EVERETT, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
UTILITIES AND SITE IMPROVEMENTS	P-130

12. SUPPLEMENTAL DATA: (CONTINUED)

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(620)
(B) ALL OTHER DESIGN COSTS	(420)
(C) TOTAL	1,040
(D) CONTRACT	(940)
(E) IN-HOUSE	(100)

(4) CONSTRUCTION START 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL AIR STATION, WHIDBEY ISLAND, WASHINGTON	COMMANDER IN CHIEF, PACIFIC FLEET	1.09

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	953	7306	793	224	331	0	0	0	0	9607
b. END FY 1996	962	7530	793	224	331	0	0	0	0	9840

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(70,988)	
b. INVENTORY TOTAL AS OF 30 SEP 90		259,530
c. AUTHORIZATION NOT YET IN INVENTORY		11,765
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		6,800
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		71,440
g. REMAINING DEFICIENCY		20,690
h. **GRAND TOTAL**		370,225

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
133.72	FLT AREA CTRL & SURV FAC	27,850	SF	6,800	07/89	10/90
	TOTAL			6,800		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

211.07	AIRCRAFT MAINT FACS IMPROS	LS		9,800
171.35	AIRCRAFT TRNG BLDG (IN II)	LS		5,500
171.20	AIRCRAFT TRNG BLDG-INCR 3	LS		7,700
171.20	FLEET TRAINING FACILITY	LS		11,100
171.35	OPERATIONAL TRAINER FAC	7,940	SF	1,850

10. MISSION OR MAJOR FUNCTIONS:

Maintain and operate facilities and provide services and material to support operations of aviation activities of the Pacific Fleet. Homeport for six Pacific Fleet medium attack jet aircraft and all electronic countermeasures aircraft serving both the Atlantic and Pacific Fleets.

Medium Attack Carrier Air Wing
Six Attack Squadrons
Naval Hospital
Naval Facility
Naval Air Reserve Squadrons
12 Electronic Countermeasures Squadrons
Two Training Squadrons

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	5,620

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, WHIDBEY ISLAND, WASHINGTON	FLEET AREA CONTROL AND SURVEILLANCE FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	133.72	P-511	6,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FLEET AREA CONTROL & SURVEILLANCE FACILITY	SF	27,850	153.00	4,260
SUPPORTING FACILITIES	-	-	-	1,840
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(390)
UTILITIES	LS	-	-	(670)
PAVING AND SITE IMPROVEMENT	LS	-	-	(780)
SUBTOTAL	-	-	-	6,100
CONTINGENCY (5.0%)	-	-	-	310
TOTAL CONTRACT COST	-	-	-	6,410
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	390
TOTAL REQUEST	-	-	-	6,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(12,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One single-story masonry with steel frame building, emergency power, electromagnetic radiation shielding, chilled water cooling system, 400 hertz power, grounding system, security entrance, crypto vault, fire protection system, parking, security fence and lighting.

11. REQUIREMENT: 27,850 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs a combined radar facility (CRF) to accommodate new and increased mission requirements. (New mission).

REQUIREMENT:

Adequate and properly-configured facilities to support mission requirements for fleet area control and surveillance (FACS), and the management and control of special use airspace (SUA) operating areas on the West Coast. It is also necessary to accommodate and support the expanded Federal Aviation Administration (FAA) delegated, controlled airspace requirements and demands for fleet carrier qualification (CQ) west of Whidbey Island. This is accomplished through scheduling, radar and communication control, and coordination with non-military agencies. FACS acts as Naval liaison agent with FAA for management, administration and development of assigned airspace. Navy's use of the operating areas consists of major Fleet exercises involving ships, aircraft, submarines, and missile firings. Equipment to be delivered includes Fleet Air Control Tracking System, Naval Tactical Data System, Fleet Air Control Scheduling, Flight Data Entry Processor, and expanded radar console and communications equipment. The military must compete with other interests, i.e., government, commercial, shipping, fishing, for use of assigned airspace and ocean areas. These interests present operational conflicts and potential hazards. Military airspace cannot be accurately defined and controlled which induces transgressions.

CURRENT SITUATION:

No facilities are available to support the requirement. The existing air traffic radar systems provide very limited coverage. Those systems are

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, WHIDBEY ISLAND, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
FLEET AREA CONTROL AND SURVEILLANCE FACILITY	P-511

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
adequate for high-altitude aircraft operating on charted airways, but not capable of tracking high-speed-maneuvering tactical aircraft.

IMPACT IF NOT PROVIDED:
Full FACS requirements of SUA control for Northern California, Washington, Boardman Range, Oregon, carrier aircraft operations and ingress-egress routes for Fallon, essential aircraft training needs for A6/EA6B/Tactical aircraft, and CO demands cannot be accommodated and supported, to the detriment of Fleet readiness.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-89
(B) PERCENT COMPLETE AS OF JANUARY 1991	100
(C) DATE DESIGN 35% COMPLETE	11-89
(D) DATE DESIGN COMPLETE	10-90

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(351)
(B) ALL OTHER DESIGN COSTS	(161)
(C) TOTAL	512
(D) CONTRACT	(497)
(E) IN-HOUSE	(15)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
RADARS/ASSOCIATED EQMT.	OPN	1991	12,000
		TOTAL	12,000

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
ADMINISTRATIVE SUPPORT UNIT, BAHRAIN ISLAND, BAHRAIN	CHIEF OF NAVAL OPERATIONS	2.07

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	26	156	28	0	0	0	0	0	0	210
b. END FY 1996	13	116	28	0	0	0	0	0	0	157

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(36)	
b. INVENTORY TOTAL AS OF 30 SEP 90		7,910
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		1,300
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		2,600
h. **GRAND TOTAL**		11,810

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131.15	COMMUNICATION BLDG ADDN	5,570 SF	1,300	05/90	08/91
	TOTAL		1,300		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
This unit is under the Commander, U. S. Naval Forces Central Command (COMUSNAVCENT) who provides overall command and operational control of naval forces assigned to the Commander in Chief U. S. Central Command (USCINCCENT) and coordinates with naval forces operating in support of USCINCCENT's naval component. Its mission is to maintain and operate facilities and to provide support for visiting units of the operating forces, Department of Defense Dependent School, and to personnel, including dependents, from commands and U.S. Department of Defense activities in the Bahrain area. Also responsible for operating and maintaining a communications facility to support the Defense Communication System and Fleet requirements in the Persian Gulf to include a message center.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
ADMINISTRATIVE SUPPORT UNIT, BAHRAIN ISLAND, BAHRAIN	COMMUNICATION BUILDING ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0205096N	131.15	P-800	1,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMMUNICATION BUILDING ADDITION	SF	5,570	-	1,110
BUILDING ADDITION	SF	2,010	422.00	(850)
BUILDING RENOVATION	SF	3,560	73.00	(260)
SUPPORTING FACILITIES	-	-	-	50
UTILITIES AND SITE IMPROVEMENT	LS	-	-	(50)
SUBTOTAL	-	-	-	1,160
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,220
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story concrete and masonry unit addition and renovation, computer flooring, fire protection system, lightning protection and grounding systems, utilities, air conditioning.

11. REQUIREMENT: 5,570 SF ADEQUATE: 0 SF SUBSTANDARD: (3,560) SF

PROJECT:

Constructs an addition to the communications building and renovates existing interior spaces to accommodate expanding communications facilities and message department. (New mission.)

REQUIREMENT:

Adequate facilities to handle all communication needs and message traffic for this activity. This provides the U.S. Central Command with naval shore support for Middle East ship deployments. The Military Airlift Command (MAC), which has landing rights at the Bahrain International Airport, provides a vital supply link to U.S. Naval units making port calls at the Mina Sulman Pier. Mission critical parts and supplies are available to ships which are remotely located from U.S. ports. This unit also provides critical communication and message links to units operating in the region. The U.S. Government leases many of the facilities which support the Central Command. However, some mission critical facilities, like the communication center, are U.S. property. The U.S. is responsible for upgrade and expansion requirements on its non-leased property. Expanded communications facilities are required to keep pace with the increased number of ship deployments in the region.

CURRENT SITUATION:

The communication building is located in a facility constructed in 1964 and has not had a major expansion since then. The facility is substandard, overcrowded, congested, and the interior is poorly configured. The increased number of deployments to the region in the past several years has resulted in a concurrent increase in the amount of message traffic processed by the communication center. The establishment of a world-wide, satellite-based military communication network requires

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

ADMINISTRATIVE SUPPORT UNIT, BAHRAIN ISLAND, BAHRAIN

4. PROJECT TITLE	5. PROJECT NUMBER
COMMUNICATION BUILDING ADDITION	P-800

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
modern ground receiving and transmitting facilities. The existing facilities were not designed to accommodate the latest technology, communications, and message equipment. Overcrowded and poorly-configured facilities result in delays in processing message traffic and transmitted data. In a crisis situation, the lack of optimum response times could result in severe operational problems. The communication center provides vital data coordination support for the large number of U.S. ships and other units operating in the Middle East.

IMPACT IF NOT PROVIDED:
Continued operation in a substandard facility with an adverse effect on morale and mission accomplishment.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	35
(C)	DATE DESIGN 35% COMPLETE	09-90
(D)	DATE DESIGN COMPLETE	08-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(70)
(B)	ALL OTHER DESIGN COSTS	(46)
(C)	TOTAL	116
(D)	CONTRACT	(0)
(E)	IN-HOUSE	(116)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL STATION, GUANTANAMO BAY, CUBA	COMMANDER IN CHIEF, ATLANTIC FLEET	1.60

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	114	1795	693	0	0	0	87	1184	0	3873
b. END FY 1996	119	1945	695	0	0	0	87	1184	0	4030

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(28,820)	
b. INVENTORY TOTAL AS OF 30 SEP 90		160,970
c. AUTHORIZATION NOT YET IN INVENTORY		2,750
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,750
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		53,260
h. **GRAND TOTAL**		219,730

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
159.64	WATERFRONT OPERATIONS BLDG	11,000	SF	2,750	03/90	09/91
	TOTAL			2,750		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:

This station is strategically located and is valuable to the United States in peacetime for Fleet training, readiness, and operations support. In contingency situations or in the event of war, the station would be essential for protection of sea lines of communications in the Caribbean and Gulf of Mexico.

Naval Air Station
Fleet Training Group
Fleet Composite Squadron 10
Naval Hospital
Marine Barracks
Naval Security Group Activity

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL STATION, GUANTANAMO BAY, CUBA	WATERFRONT OPERATIONS BUILDING

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	159.64	P-381	2,750

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WATERFRONT OPERATIONS BUILDING	SF	11,000	167.00	1,840
SUPPORTING FACILITIES	-	-	-	630
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(170)
ELECTRICAL UTILITIES	LS	-	-	(80)
MECHANICAL UTILITIES	LS	-	-	(80)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(300)
SUBTOTAL	-	-	-	2,470
CONTINGENCY (5.0%)	-	-	-	120
TOTAL CONTRACT COST	-	-	-	2,590
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	160
TOTAL REQUEST	-	-	-	2,750
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame building, concrete pile foundation, reinforced concrete floor slab, masonry walls, metal roof, shop and storage areas, administrative space, observation deck, fire protection and alarm system, monorail, paint spray booth, diesel engine test cell, utilities, air conditioning, demolition of five buildings.

11. REQUIREMENT: 11,000 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides a waterfront operations building. (Current mission.)

REQUIREMENT:

An operations building is needed to consolidate the functions necessary to manage waterfront activities. Assigned waterfront and harbor services include providing pilots; operating tugs, service craft and small boats; logistic support to operating forces; coordination of port services and performing upkeep and maintenance of small craft.

CURRENT SITUATION:

The management of waterfront and harbor operational functions are complicated because they are carried out in several different buildings scattered throughout the base. A majority of the port service functions are conducted in a semi-permanent, deterioriated building, built in 1942, which has settled and is structurally unsound. The physical condition and configuration of this facility makes it impossible to conduct an efficient operation. The space for maintenance and repair of small craft and related electronics systems, the duty crew bunkroom, parts storage room, engine repair shop, navigational aids storage locker, chart room and control and signal tower are all too small and generally inadequate. In addition, the tempo of the workload of the Fleet Training Group assigned to this station is planned to increase by 25 percent.

IMPACT IF NOT PROVIDED:

Increased costs associated with the decentralized waterfront and harbor support functions will continue and port services will be delayed or unavailable to the Fleet. In addition, plans to increase the tempo of

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL STATION, GUANTANAMO BAY, CUBA

4. PROJECT TITLE	5. PROJECT NUMBER
WATERFRONT OPERATIONS BUILDING	P-381

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
operations of the Fleet Training Group will be negatively impacted.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	03-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	09-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(190)
(B)	ALL OTHER DESIGN COSTS	(10)
(C)	TOTAL	200
(D)	CONTRACT	(0)
(E)	IN-HOUSE	(200)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL COMM AREA MASTER STATION WESTPAC, GUAM	NAVAL COMPUTER & TELE-COMMUNICATIONS COMM	2.24

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	38	1138	119	0	0	0	6	29	0	1330
b. END FY 1996	42	1097	119	0	0	0	6	29	0	1293

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(4,801)	
b. INVENTORY TOTAL AS OF 30 SEP 90		58,170
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,000
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		3,150
g. REMAINING DEFICIENCY		22,240
h. **GRAND TOTAL**		85,560

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143.80	CLASS WIZARD UPGRADE	LS	900	12/90	11/91
131.50	FIRE PROTECTION SYSTEM	LS	1,100	05/90	09/91
	TOTAL		2,000		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

131.35	A/C SYSTEM ALTERATIONS	1	EA	750
610.10	ADMIN BLDGS MODIFICATIONS	LS		2,400

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

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. POLLUTION ABATEMENT	0
B. INSTALLATION RESTORATION	0
C. OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL COMM AREA MASTER STATION WESTPAC, GUAM	FIRE PROTECTION SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303196N	131.50	P-237	1,100

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FIRE PROTECTION SYSTEM	LS	-	-	380
SPRINKLER SYSTEM	LS	-	-	(270)
FIRE ALARM SYSTEM	LS	-	-	(110)
SUPPORTING FACILITIES	-	-	-	600
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(100)
UTILITIES	LS	-	-	(500)
SUBTOTAL	-	-	-	980
CONTINGENCY (5.0%)	-	-	-	50
TOTAL CONTRACT COST	-	-	-	1,030
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Install a pre-action fire sprinkler system, fire alarm system, above ground water storage tank, diesel booster pump, mechanical equipment room special foundations, and utilities.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Provides a fire alarm system in the transmitter building. (Current mission.)

REQUIREMENT:
A fire protection system and evacuation alarm to protect personnel in case of fire are required by the National Fire Protection Association (NFPA) life safety code and Navy Occupational Safety and Health (NAVOSH) regulations.

CURRENT SITUATION:
The existing transmitter building contains heat generating equipment and combustibles which are stocked and used during normal operations, and which would release toxic gas, if subjected to the temperatures generated under fire conditions. Current fire control methods are inadequate and the existing water supply is below acceptable standards. Personnel working within the building are exposed to unnecessary hazardous conditions in violation of NFPA and NAVOSH requirements.

IMPACT IF NOT PROVIDED:
Without this project, personnel will continue to work under unnecessary, hazardous conditions and in violation of life safety and fire protection requirements. An uncontrolled fire could result in serious injuries or deaths, extensive property damage, and jeopardize the mission of this activity.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL COMM AREA MASTER STATION WESTPAC, GUAM

4. PROJECT TITLE	5. PROJECT NUMBER
FIRE PROTECTION SYSTEM	P-237

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	09-90
(D) DATE DESIGN COMPLETE	09-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(36)
(B) ALL OTHER DESIGN COSTS	(55)
(C) TOTAL	91
(D) CONTRACT	(78)
(E) IN-HOUSE	(13)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONST COST INDEX
NAVAL COMMUNICATION STATION, KEFLAVIK, ICELAND	NAVAL COMPUTER & TELE-COMMUNICATIONS COMM	3.38

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	10	252	21	0	0	0	0	0	0	283
b. END FY 1996	10	252	21	0	0	0	0	0	0	283

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	TENANT OF NAS	
b. INVENTORY TOTAL AS OF		0
c. AUTHORIZATION NOT YET IN INVENTORY		8,450
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		10,600
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		3,700
h. **GRAND TOTAL**		22,750

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131.15	COMMUNICATION CENTER	16,000	SF	10,600	11/88	03/90
	TOTAL			10,600		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
To manage, operate, and maintain those facilities, systems, equipments, and devices necessary to provide requisite communications for the command, operational control, and administration of the Department of the Navy, to manage, operate, and maintain those facilities of the Defense Communications System as assigned.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL COMMUNICATION STATION, KEFLAVIK, ICELAND	COMMUNICATION CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303196N	131.15	P-802	10,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COMMUNICATION CENTER	SF	16,000	-	20,460
BUILDING	SF	16,000	915.00	(14,640)
ANTENNA-HELIX HOUSE	LS	-	-	(5,820)
SUPPORTING FACILITIES	-	-	-	3,220
UTILITIES	LS	-	-	(2,380)
PAVING AND SITE IMPROVEMENT	LS	-	-	(840)
SUBTOTAL	-	-	-	23,680
CONTINGENCY (5.0%)	-	-	-	1,180
TOTAL CONTRACT COST	-	-	-	24,860
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	1,620
SUBTOTAL	-	-	-	26,480
LESS: NATO SHARE	-	-	-	- 15,880
TOTAL REQUEST	-	-	-	10,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(7,450)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story reinforced concrete building, concrete foundation, semi-hardened, High altitude ElectroMagnetic Pulse (HEMP) protected, temperature and humidity controlled environmental system, emergency generators, utilities; includes space for message center, cryptographic equipment room, electronic equipment repair shops; site preparation for electronic equipment and uninterruptable electric power system; antenna installation; helix-house construction.

11. REQUIREMENT: 16,000 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides a communication center to house the operational functions of this station; installs 1,000-foot transmitting antenna and appurtenances including guy-system, insulators, top loading elements. (Current mission.)

REQUIREMENT:

Adequate technical control, message center, electric power, and transmitting antenna facilities to accommodate continual communications support for the U.S. and NATO forces operating in the North Atlantic Ocean and the Norwegian Sea, as well as supporting the Defense Communication Systems and other missions assigned by higher authority. This project is crucial for supporting Iceland Defense Force Combined Operations Center and Iceland Air Defense System programs.

CURRENT SITUATION:

The present communication center is of standard masonry construction (non-hardened), located adjacent to the aircraft parking apron, subjecting it to high noise levels, and making it vulnerable to attack or sabotage since the airfield is open to all private and commercial aircraft. Communication land lines, connecting all communication modes on the base, are exposed in unsecure manholes and vulnerable to sabotage. The building dates from 1954 and has neither the space nor configuration to support modern electronic equipment. The building interior does not meet the fire protection code, nor does much of the electrical

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL COMMUNICATION STATION, KEFLAVIK, ICELAND

4. PROJECT TITLE	5. PROJECT NUMBER
COMMUNICATION CENTER	P-802

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
distribution system comply with the National Electric Code. The building's construction is inadequate with respect to survivability and physical security. Initial increment of procurement and construction to support a new 1,000-foot transmitting antenna was approved in FY 1990 and is proceeding. The final increment of antenna work involving erection of the tower, guys, radials, and helix-house is included in this project.

IMPACT IF NOT PROVIDED:
The communication station's operational functions will remain in an unhardened building adjacent to the airfield, leaving on-base communications vulnerable to serious disruption. Equipment may experience continued physical deterioration for lack of proper environmental control. Inadequate physical and electronic security will continue to exist. New 1,000-foot transmitting antenna will not be in place.

ADDITIONAL:
Prefinancing under NATO procedures is not planned for this project. This facility will be jointly used by U.S. national and NATO forces. NATO is contributing approximately $14.65 million to this project for support of forces assigned to NATO in war time. A bilateral agreement between the U. S. and the host nation covering U.S. presence for military purposes provides that construction of new or alterations to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when construction is eligible for NATO Common Infrastructure funding.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	11-88
(B)	PERCENT COMPLETE AS OF JANUARY 1991	35
(C)	DATE DESIGN 35% COMPLETE	12-89
(D)	DATE DESIGN COMPLETE	03-90

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(95)
(B)	ALL OTHER DESIGN COSTS	(185)
(C)	TOTAL	280
(D)	CONTRACT	(200)
(E)	IN-HOUSE	(80)

(4) CONSTRUCTION START: 01-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT	OPN	1991 - 1993	7,450
		TOTAL	7,450

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL SUPPORT ACTIVITY, NAPLES, ITALY	COMMANDER IN CHIEF, US NAVAL FORCES EUROPE	1.43

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	530	2222	1187	1	34	0	27	28	0	4029
b. END FY 1996	565	2411	1178	1	34	0	27	28	0	4244

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(172)	
b. INVENTORY TOTAL AS OF 30 SEP 90		22,430
c. AUTHORIZATION NOT YET IN INVENTORY		52,100
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		11,270
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		22,000
g. REMAINING DEFICIENCY		83,400
h. **GRAND TOTAL**		191,200

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
141.12	AIR CARGO TERMINAL	38,820 SF	4,770	05/85	01/91
842.10	UTILITIES SYSTEM UPGRADE	LS	6,500	08/90	11/91
	TOTAL		11,270		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

211.05	MAINTENANCE HANGAR	129,000 SF	12,500
141.11	AIR PASSENGER TERMINAL	LS	3,900
211.21	AIRCRAFT OPS SUPPORT	LS	5,600

10. MISSION OR MAJOR FUNCTIONS:
Support all Naval commands and organizations ashore in the Naples area, using mainly leased facilities in Agnano, Pinetemare and Bagnoli; and the military controlled compound at Capodichino Airport. Commands include Sixth Fleet task force commanders and staffs for: 1) combat support force (CTF-63), 2) ballistic missile submarine force (CTF-64), 3) area anti-submarine warfare force (CTF-66), 4) maritime surveillance and reconnaissance force (CTF-67), and 5) attack submarine force (CTF-69). Also supported is the Commander, Fleet Air Mediterranean staff, responsible for management of all Navy shore bases in the Mediterranean. U.S. personnel assigned to the Allied Forces, Southern Europe (AFSOUTH) NATO command in Naples are also a responsibility. Communications Station, Naval Hospital, fleet landing on Naples waterfront, leased family housing at Pinetemare and Sixth Fleet flagship at Gaeta are also supported.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUPPORT ACTIVITY, NAPLES, ITALY	AIR CARGO TERMINAL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	141.12	P-112	4,770

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIR CARGO TERMINAL	SF	38,820	-	3,300
BUILDING	SF	38,820	61.00	(2,370)
BUILT-IN EQUIPMENT	LS	-	-	(930)
SUPPORTING FACILITIES	-	-	-	970
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(50)
UTILITIES	LS	-	-	(330)
PAVING AND SITE IMPROVEMENT	LS	-	-	(590)
SUBTOTAL	-	-	-	4,270
CONTINGENCY (5.0%)	-	-	-	210
TOTAL CONTRACT COST	-	-	-	4,480
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	290
TOTAL REQUEST	-	-	-	4,770
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story structural steel frame building, seismic construction, concrete foundation and floor slab, metal roof deck with rigid insulation and membrane roofing, insulated metal siding on exterior walls with a five-foot high concrete protective wainscot, automated material handling equipment and racking, fire protection and alarm system, utilities, air conditioning, intercom and telephone system, aircraft parking apron extension, taxiway pavement.

11. REQUIREMENT: 38,820 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an air cargo terminal at Capodichino Airport to house air cargo processing operations. (Current mission.)

REQUIREMENT:
Cargo processed at the Capodichino Terminal is for logistic support of Sixth Fleet operations and U.S. units and commands stationed in Southern Italy. This project is part of an overall program to improve and consolidate supply operations at Capodichino. The consolidation process was initiated with FY-86 Supply Warehouse, FY-89 Cold Storage Plant, and FY-89 Aircraft Parking Apron.

CURRENT SITUATION:
Regularly scheduled Military Air Command (MAC) channels and Navy intra-theatre air cargo operations are being conducted through Capodichino. A heavy workload of MAC long-haul and Navy intra-theatre cargo aircraft will continue through the Naples Capodichino Airport long-term. Daily throughput averages over 20 tons of airlifted cargo received and shipped. Aircraft handled daily are three C-130's and two C-141's, plus C-5's on special lift missions. Surges well beyond these levels occur during Mediterranean or Middle East contingencies. High priority cargo is transhipped to Sixth Fleet ships in Naples, La Maddalena and Gaeta harbors and by COD/VOD (Carrier On-board Delivery/Vertical On-board Delivery) aircraft to ships at sea. While MAC and Navy logistics channels and aircraft remain fully committed to the

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUPPORT ACTIVITY, NAPLES, ITALY

4. PROJECT TITLE	5. PROJECT NUMBER
AIR CARGO TERMINAL	P-112

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
airlift mission through Naples, cargo facilities are temporary, the former air cargo assets having been lost to urgent MILCON development on the Navy's compound at Capodichino Airport. Construction of FY 1990 C3I MILCON at Capodichino will cause further loss of existing air cargo facilities. Air Cargo facilities are located in two temporary buildings providing only 44% of the covered space requirement. Consequently, valuable cargo must be stored in the open, exposed to the inclement weather. Separate and undersized buildings prevent the installation of mechanized equipment to sort and distribute cargo.

IMPACT IF NOT PROVIDED:
Reduced responsiveness to fleet units deployed in the Mediterranean. Air cargo operations will continue to be restricted by inefficient, separated facilities, inadequate space, and continued safety hazards affecting personnel and aircraft operations.

ADDITIONAL:
A bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new or alterations to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when construction is eligible for NATO Common Infrastructure funding. This project is not eligible for NATO Common Infrastructure funding because it is not included in an approved NATO category and is not expected to become eligible. No prefinancing is involved.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-85
(B) PERCENT COMPLETE AS OF JANUARY 1991	100
(C) DATE DESIGN 35% COMPLETE	10-85
(D) DATE DESIGN COMPLETE	01-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___NO_X_
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(197)
(B) ALL OTHER DESIGN COSTS	(228)
(C) TOTAL	425
(D) CONTRACT	(400)
(E) IN-HOUSE	(25)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUPPORT ACTIVITY, NAPLES, ITALY	UTILITIES SYSTEM UPGRADE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204796N	842.10	P-137	6,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UTILITIES SYSTEM UPGRADE	LS	-	-	5,810
WATER TREATMENT PLANT	LS	-	-	(1,360)
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	LS	-	-	(1,810)
PARKING GARAGE	LS	-	-	(1,390)
PAVING AND SITE IMPROVEMENT	LS	-	-	(1,200)
DEMOLITION	LS	-	-	(50)
SUBTOTAL	-	-	-	5,810
CONTINGENCY (5.0%)	-	-	-	290
TOTAL CONTRACT COST	-	-	-	6,100
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	400
TOTAL REQUEST	-	-	-	6,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Upgrade electrical distribution system; 288 vehicle expansion of structural vehicle parking garage; water treatment plant; extension and improvement of airfield apron drainage; demolition of existing leaching pits; access road improvements.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Upgrade of electric power feeder, road systems and airfield apron drainage. Expand parking garage and construct a new water treatment plant. (Current mission.)

REQUIREMENT:

A secondary commercial power feeder and switching station is required to ensure reliability and reduce the vulnerability of the power supply. Improvements to the existing access road and the adjacent road system are required to improve access to the base. Storm drainage improvements are needed to extend existing aircraft apron drainage lines to the airport storm drainage collection system to comply with new Italian regulations. Structural vehicular parking is required to alleviate site congestion and to support future population loading. Construction of a new water treatment plant is needed to remove hardness and other impurities from the water supply.

CURRENT SITUATION:

Existing commercial power is delivered by a single electrical feeder, providing no back-up in the event of incoming power failure. Although a previous Military Construction project improved most of the base-wide interior road system, existing road infrastructure at the east gate of the site is undersized and deteriorating and will not support planned development. The single access road to the U. S. section of the base originates from the road leading to the civilian airport terminal. The road is narrow, heavily used and sometimes partly obstructed by parked vehicles. Upgrading is imperative to accommodate the traffic resulting from the recently constructed supply warehouse located near the access

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUPPORT ACTIVITY, NAPLES, ITALY

4. PROJECT TITLE	5. PROJECT NUMBER
UTILITIES SYSTEM UPGRADE	P-137

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
gate. The existing aircraft parking apron storm drainage system discharges into leaching pits. Recent changes to Italian law require the use of storm drainage collection systems in lieu of leaching discharges into the sanitary sewer system. Parking is inadequate to support the population and existing surface parking will be eliminated by planned development. The water supply at Capodichino has been tested, and hardness and other impurities were found to be at unacceptable levels.

IMPACT IF NOT PROVIDED:
Electric power reliability will not be adequate for the critical nature of the base communications mission. Congested access roads will hamper supply and other base activities. Aircraft apron storm drainage will continue to discharge into leaching pits in violation of Italian environmental regulations. Site congestion due to marginal parking facilities will continue. Water distribution and utilization equipment will be subjected to unnecessary maintenance.

ADDITIONAL:
A bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new or alteration to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when construction is eligible for NATO Common Infrastructure funding. Prefinancing under NATO procedures is not planned for this project as it is not within an established NATO Infrastructure category for common funding, nor is it expected to become eligible.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
- (A) DATE DESIGN STARTED 08-90
- (B) PERCENT COMPLETE AS OF JANUARY 1991 45
- (C) DATE DESIGN 35% COMPLETE 11-90
- (D) DATE DESIGN COMPLETE 11-91

(2) BASIS:
- (A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X
- (B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
- (A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (270)
- (B) ALL OTHER DESIGN COSTS . . . . . (310)
- (C) TOTAL 580
- (D) CONTRACT . . . . . (500)
- (E) IN-HOUSE . . . . . (80)

(4) CONSTRUCTION START . . . . . 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL COMMUNICATION STATION, SICILY, ITALY	NAVAL COMPUTER & TELE-COMMUNICATIONS COMM	1.43

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	8	209	32	0	0	0	0	0	0	249
b. END FY 1996	10	222	32	0	0	0	0	0	0	264

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(0)	
b. INVENTORY TOTAL AS OF 30 SEP 90		0
c. AUTHORIZATION NOT YET IN INVENTORY		1,513
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,750
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		0
h. **GRAND TOTAL**		4,263

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131.24	SATELLITE TERMINAL	2,200	SF	2,750	09/90	12/91
	TOTAL			2,750		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

10. MISSION OR MAJOR FUNCTIONS:
This station is an element of the Naval Telecommunications system and is responsible for maintaining communications for command, operational control, and support of administrative functions within the Department of the Navy; managing, operating, and maintaining these facilities of the Defense Communications System as assigned, and performing such other functions as may be validated by the Chief of Naval Operations.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL COMMUNICATION STATION, SICILY, ITALY	SATELLITE TERMINAL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303109N	131.24	P-407	2,750

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SATELLITE TERMINAL	SF	2,200	393.00	860
SUPPORTING FACILITIES	-	-	-	1,600
UTILITIES, PAVING AND SITE IMPROVEMENT	LS	-	-	(1,600)
SUBTOTAL	-	-	-	2,460
CONTINGENCY (5.0%)	-	-	-	120
TOTAL CONTRACT COST	-	-	-	2,580
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	170
TOTAL REQUEST	-	-	-	2,750
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(1,200)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Single story, reinforced concrete and masonry building, High-Altitude Electro Magnetic Pulse (HEMP) hardening, masonry interior partitions; air conditioning, utilities; fire protection system and handicapped ramps, emergency power, concrete antenna foundations.

11. REQUIREMENT: 2,200 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an earth terminal hardened against high altitude electromagnetic pulse (HEMP) and compatible with both Extremely High Frequency (EHF) and Ultra High Frequency (UHF) Follow On (UFO) satellite communications systems. (New mission.)

REQUIREMENT:
Provide worldwide, survivable, anti-jam, low probability of intercept communications in a stressed environment for shore, ship, and submarine platforms. Fulfill communications required between airborne and on-shore commanders and U.S. naval forces, and relay message traffic from tactical commanders to deployed forces such as naval battle groups, without revealing locations. These communications are essential in the utilization of today's sophisticated sensors and weapon systems.

CURRENT SITUATION:
There are no adequate facilities at this site to house and support an earth terminal for EHF and UHF satellite communications systems.

IMPACT IF NOT PROVIDED:
The Navy will be unable to make full use of existing and programmed communication satellites in providing critical communications essential to the deployment of sophisticated sensors and weaponry and the use of state-of-the-art navigational aids. The service to the Fleet will be seriously impaired.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL COMMUNICATION STATION, SICILY, ITALY

4. PROJECT TITLE	5. PROJECT NUMBER
SATELLITE TERMINAL	P-407

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	09-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	12-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(75)
(B) ALL OTHER DESIGN COSTS	(90)
(C) TOTAL	165
(D) CONTRACT	(125)
(E) IN-HOUSE	(40)

(4) CONSTRUCTION START: 02-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT #33109N	OPN	1991	1,200
		TOTAL	1,200

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL AIR STATION, SIGONELLA, ITALY	COMMANDER IN CHIEF, US NAVAL FORCES EUROPE	1.43

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	192	2308	626	1	0	0	152	1071	0	4350
b. END FY 1996	237	2624	657	1	8	0	175	1539	0	5241

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(680)	
b. INVENTORY TOTAL AS OF 30 SEP 90		71,500
c. AUTHORIZATION NOT YET IN INVENTORY		18,800
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		2,300
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		16,940
g. REMAINING DEFICIENCY		29,740
h. **GRAND TOTAL**		139,280

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
211.21	ENGINE MAINT SHOP ADDITION	14,370	SF	2,300	06/89	08/90
	TOTAL			2,300		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

113.20	A/C PARKING APRON	120,000	SY	5,000
112.10	TAXIWAY EXTENSION	LS		3,300
721.11	BACHELOR ENLISTED QUARTERS	LS		8,640

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 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 Military Airlift Command (MAC) cargo flights and MAC passenger flights from the U.S. Provides air logistics interface with nearby Augusta Bay NATO fuel and ammunition replenishment pier and depot. Supports HC-4 helicopter combat squadron and LAMPS MK III Helicopter Squardon.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, SIGONELLA, ITALY	ENGINE MAINTENANCE SHOP ADDITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	211.21	P-220	2,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ENGINE MAINTENANCE SHOP ADDITION	SF	14,370	-	1,150
BUILDING	SF	14,370	67.00	(960)
BUILT-IN EQUIPMENT	LS	-	-	(190)
SUPPORTING FACILITIES	-	-	-	910
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(280)
ELECTRICAL UTILITIES	LS	-	-	(200)
MECHANICAL UTILITIES	LS	-	-	(220)
PAVING AND SITE IMPROVEMENT	LS	-	-	(210)
SUBTOTAL	-	-	-	2,060
CONTINGENCY (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,160
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	140
TOTAL REQUEST	-	-	-	2,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame and masonry building addition, concrete foundation on engineered fill, concrete floor, built-up roof; bridge crane and hoists, fire protection and air conditioning systems, utilities.

11. REQUIREMENT: 30,510 SF ADEQUATE: 16,140 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs an addition to the engine maintenance shop. (Current mission.)

REQUIREMENT:
Adequate and properly-configured facilities for organizational and intermediate maintenance activity (IMA) level upkeep of aircraft assigned, deployed to, or temporarily shore-based at this central Mediterranean operating and logistics base. Aircraft include Anti-submarine Warfare (ASW) patrol (P-3, SH-2, SH-3), early warning (E-2), fleet logistics support (T-39, C-2A, C-130), vertical-on-board delivery (CH-53 VOD, CH-46 VOD), and LAMPS helicopters (SH-60).

CURRENT SITUATION:
The engine maintenance shop workload is increasing because of additional aircraft loading occurring as a result of the construction of an additional aircraft maintenance hangar. The engine maintenance shop facilities were only one-half of the requirement projected prior to 1987. Since its original conception, an additional requirement for LAMPS MK III engine maintenance was approved in 1986 as an exigent minor project. Today's workload has necessitated maintenance functions be performed in a more crowded condition, causing mission support problems. Engines are now being packed and unpacked in outdoor fire lane areas. Because of a lack of adequate storage area, equipment is stored outdoors.

IMPACT IF NOT PROVIDED:
Maintenance of the more sophisticated aircraft and aircraft systems will continue to be hampered by cramped facilities. Inability of engine maintenance shop to improve efficiency and maintain readiness of Sixth Fleet and shore-based aircraft because of facility deficiencies.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, SIGONELLA, ITALY

4. PROJECT TITLE	5. PROJECT NUMBER
ENGINE MAINTENANCE SHOP ADDITION	P-220

11. REQUIREMENT: (CONTINUED)

ADDITIONAL:

Prefinancing under NATO procedures is not planned for this project, as it exceeds in its entirety the scope as described in the approved NATO criteria and standards for the applicable facility and seeking deviation from NATO criteria is not justified. A bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new or alteration to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when construction is eligible for NATO Common Infrastructure funding.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-89
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	10-89
(D)	DATE DESIGN COMPLETE	08-90

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(110)
(B)	ALL OTHER DESIGN COSTS	(90)
(C)	TOTAL	200
(D)	CONTRACT	(170)
(E)	IN-HOUSE	(30)

(4) CONSTRUCTION START: 01-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
NAVAL AIR STATION, SIGONELLA, ITALY	SPACE AND NAVAL WARFARE SYSTEMS COMMAND	1.43

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	192	2308	626	1	0	0	152	1071	0	4350
b. END FY 1996	237	2624	657	1	8	0	175	1539	0	5241

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(680)	
b. INVENTORY TOTAL AS OF 30 SEP 90		71,500
c. AUTHORIZATION NOT YET IN INVENTORY		18,800
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		9,850
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		29,740
h. **GRAND TOTAL**		129,890

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE		COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143.65	OPERATIONS CONTROL CTR	39,300	SF	9,850	03/90	10/91
	TOTAL			9,850		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:
NONE

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 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 Military Airlift Command (MAC) cargo flights and MAC passenger flights from the U.S. Provides air logistics interface with nearby Augusta Bay NATO fuel and ammunition replenishment pier and depot. Supports HC-4 helicopter combat squadron and LAMPS MK III Helicopter Squardon.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, SIGONELLA, ITALY	OPERATIONS CONTROL CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204660N	143.65	P-144	9,850

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
OPERATIONS CONTROL CENTER	SF	39,300	294.00	11,550
SUPPORTING FACILITIES	-	-	-	1,220
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(250)
UTILITIES	LS	-	-	(560)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(410)
SUBTOTAL	-	-	-	12,770
CONTINGENCY (5.0%)	-	-	-	640
TOTAL CONTRACT COST	-	-	-	13,410
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	870
SUBTOTAL	-	-	-	14,280
LESS: NATO SHARE	-	-	-	- 4,430
TOTAL REQUEST	-	-	-	9,850
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(9,170)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story reinforced concrete and masonry building, concrete floors and foundation, high altitude electromagnetic pulse (HEMP) shielding, computer flooring, design for seismic zone 4; semi-hardened decontamination module; sprinkler system, ventilation and air conditioning, utilities; communications and telephone conduits; security fencing and lighting; provisions for remote monitoring of exterior doors; paving; and demolition of [illegible]r buildings.

11. REQUIREMENT: 39,300 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a HEMP protected and TEMPEST shielded consolidated Anti-Submarine Warfare Operations Center (ASWOC). The facility is required to support the Navy's Maritime Patrol Aircraft in complex multi-platform anti-submarine warfare (ASW) support operations, integrated ASW communications, and ASW interface to the Navy command and control system. (Current mission.)

REQUIREMENT:
A secure facility is required to operate the ASWOC C3 Upgrade System with peripherals and to interface with the Navy Command and Control System. P-3 patrols collect raw tactical data that must be analyzed, compared and shared with other Commands to yield comprehensive and current tactical information. The upgraded system is required to permit more rapid command and control decisions for Navy ASW and P-3 missions in the Mediterranean Theatre in support of Sixth Fleet operations.

CURRENT SITUATION:
The current operational control center is inadequate due to insufficient size and improper location. The existing space, in temporary vans, cannot accommodate equipment scheduled to arrive in 1993. Due to the location and structural integrity, security remains unsatisfactory. Inadequate supporting systems and deteriorated conditions make it uneconomical to upgrade the existing vans. These inadequate conditions place serious constraints on the timeliness of information

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, SIGONELLA, ITALY

4. PROJECT TITLE	5. PROJECT NUMBER
OPERATIONS CONTROL CENTER	P-144

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
receipt and response in support of Fleet operations.

IMPACT IF NOT PROVIDED:
The current ASWOC facility will not be able to upgrade support equipment. The result will seriously impact the Activity's ability to meet current and expected threats in the Mediterranean Theatre and the ability to provide adequate support to the Navy's command and control decisions for ASW and P-3 missions.

ADDITIONAL:
NATO conjunctive funding for this project requires partial U.S. unilateral authorization and funding for U.S. only requirements, if not within an established infrastructure category for common funding. The project qualifies for partial NATO infrastructure common funding and to that extent has been programmed for Slice (SL) 41 (FY90) for infrastructure funding. A bilateral agreement between the host nation and the U.S. covering U.S. military presence provides that construction of new or alterations to existing facilities for U.S. requirements shall be the responsibility of the U. S., except when construction is eligible for NATO Common Infrastructure funding.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	03-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(270)
(B) ALL OTHER DESIGN COSTS	(230)
(C) TOTAL	500
(D) CONTRACT	(440)
(E) IN-HOUSE	(60)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
ASWOC/ASCOM EQUIPMENT PE# 24660Y	OPN	1992	7,670
METEROLOGICAL/ OCEANOGRAPHIC EQUIPMENT PE# 35111N	OPN	1991	1,000
METEOROLOGICAL/ OCEANOGRAPHIC EQUIPMENT PE# 35112N	OPN	1991	500
		TOTAL	9,170

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL STATION, ROOSEVELT ROADS, PUERTO RICO	COMMANDER IN CHIEF, ATLANTIC FLEET	1.05

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	242	1566	620	0	0	0	21	524	0	2973
b. END FY 1996	253	1715	577	0	0	0	15	417	0	2977

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(32,240)	
b. INVENTORY TOTAL AS OF 30 SEP 90		292,010
c. AUTHORIZATION NOT YET IN INVENTORY		50,170
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		7,660
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		14,490
g. REMAINING DEFICIENCY		10,860
h. **GRAND TOTAL**		375,190

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
831.10	SANITARY WSTWTR SYS UPGRDE	LS	7,660	05/90	12/91
	TOTAL		7,660		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

911.10	LAND ACQUISITION	LS		1,290
113.20	AIRCRAFT PARKING APRON	97,525	SY	12,145
136.10	APPROACH LIGHTING	3,000	LF	1,055

10. MISSION OR MAJOR FUNCTIONS:

This activity provides operational and personnel support to Atlantic Fleet units in the Caribbean using the Atlantic Fleet Weapons range. One fleet composite squadron is homeported here. It also hosts headquarters commands having jurisdiction over naval units in the South Atlantic, Panama Canal, and Cuba.

Atlantic Fleet Weapons Training Facility
Naval Hospital
Fleet Composite Squadron VC-8
Marine Corps Security Force Company
Commander, Naval Forces Caribbean
U.S. Commander, South Atlantic Force
Commander, Fleet Air Caribbean
Communications Station

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A: POLLUTION ABATEMENT	0
B: INSTALLATION RESTORATION	0
C: OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL SECURITY GROUP ACTIVITY, EDZELL, SCOTLAND	NAVAL SECURITY GROUP COMMAND	1.40

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 09/30/90	44	680	10	0	0	0	0	0	0	734
b. END FY 1996	44	735	10	0	0	0	0	0	0	789

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(457)	
b. INVENTORY TOTAL AS OF 30 SEP 90		22,470
c. AUTHORIZATION NOT YET IN INVENTORY		13,375
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		1,400
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		2,600
g. REMAINING DEFICIENCY		12,400
h. **GRAND TOTAL**		52,245

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
143.80	CLASSIC WIZARD FACS UPGRDE	LS	1,400	09/90	12/91
	TOTAL		1,400		

9. FUTURE PROJECTS:

A. INCLUDED IN FOLLOWING PROGRAM (FY 93):
NONE

B. MAJOR PLANNED NEXT THREE YEARS:

143.80	CLASSIC WIZARD	LS	2,600

10. MISSION OR MAJOR FUNCTIONS:
Provide ship-to-shore tactical communications, monitor transmission procedures, and research into electronic phenomena.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: ($000)

A:	POLLUTION ABATEMENT	0
B:	INSTALLATION RESTORATION	0
C:	OCCUPATIONAL SAFETY AND HEALTH (OSH):	0

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SECURITY GROUP ACTIVITY, EDZELL, SCOTLAND	CLASSIC WIZARD FACILITIES UPGRADE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0304114N N F I P	143.80	P-063	1,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
CLASSIC WIZARD FACILITIES UPGRADE	LS	-	-	1,250
SUBTOTAL	-	-	-	1,250
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,310
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	90
TOTAL REQUEST	-	-	-	1,400
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Upgrade heating, ventilation, air conditioning, and sprinkler systems; replace raised computer deck flooring; one-story masonry and concrete addition, reinforced concrete foundations, concrete floor, masonry walls, concrete built-up asphalt roof to match existing; diesel emergency generators and switching equipment, monorail, utilities.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Upgrades the existing Classic Wizard building by providing a complete emergency power back-up system, replacing heating and air conditioning systems, replacing computer floor to support existing and new computer operational equipment, and provides for personnel parking. (New mission.)

REQUIREMENT:

Full redundant emergency power and temperature conditioning equipment are required to ensure operations are uninterrupted due to power failure or mechanical equipment breakdown. Continuous operation is essential to meet the Classic Wizard mission.

CURRENT SITUATION:

The existing emergency generators do not meet the requirements for 100% redundant emergency power. The 800 KVA generator has a history of failing under load and the 500 KVA generator does not have the capacity to carry the building load. In the event of a shore power failure and failure of the 800 KVA generator, the building load is immediately reduced. This means that essential operations must be shutdown without notice. Several overhauls of the existing generators have been accomplished, as a result of past shore power failures, rendering them uneconomical to overhaul again. A reliable air conditioning and heating system is required to maintain operation of the computers and related equipment. The air conditioning unit is subject to frequent breakdown and is near the end of its useful life. Existing furnaces are beyond their useful life. The raised computer flooring was not designed to

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SECURITY GROUP ACTIVITY, EDZELL, SCOTLAND

4. PROJECT TITLE	5. PROJECT NUMBER
CLASSIC WIZARD FACILITIES UPGRADE	P-063

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
handle the loading of the equipment currently required to meet mission functions. Due to changes in mission and associated removal and re-installation of equipment, the floor has weakened, is considered unsafe, and cannot be repaired due to the unavailability of parts for the obsolete system. Parking, due to economical reasons, was removed from the original construction, and is inadequate for current personnel.

IMPACT IF NOT PROVIDED:
Without the upgrades provided by this project the essential operations of this Classic Wizard facility will be subject to frequent unscheduled interruptions. Personnel and equipment will continue to be subject to unsatisfactory and unsafe conditions as a result of weakened floors, power outages, and loss of environmental control.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
- (A) DATE DESIGN STARTED 09-90
- (B) PERCENT COMPLETE AS OF JANUARY 1991 35
- (C) DATE DESIGN 35% COMPLETE 11-90
- (D) DATE DESIGN COMPLETE 12-91

(2) BASIS:
- (A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X
- (B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
- (A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (60)
- (B) ALL OTHER DESIGN COSTS . . . . . (70)
- (C) TOTAL 130
- (D) CONTRACT . . . . . (100)
- (E) IN-HOUSE . . . . . (30)

(4) CONSTRUCTION START . . . . . 05-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	SATELLITE TERMINAL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303109N	131.17	P-405	1,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SATELLITE TERMINAL	SF	1,140	-	1,610
BUILDING	SF	1,140	781.00	(890)
BUILT-IN EQUIPMENT	LS	-	-	(720)
SUBTOTAL	-	-	-	1,610
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,690
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	110
TOTAL REQUEST	-	-	-	1,800
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(1,200)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

High Altitude Electro Magnetic Pulse (HEMP)-shielded room and upgrading of existing shielded facility, utility connections, dedicated emergency power source, dry air system and closed loop chilled water system, concrete pads for emergency generators and antennas, raised flooring, technical operating manuals, demolition of existing interior room.

11. REQUIREMENT: 1,140 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides an earth terminal hardened against high altitude electromagnetic pulse (HEMP) and compatible with both Extremely High Frequency (EHF) and Ultra High Frequency (UHF) Follow On (UFO) satellite communications systems. (New mission.)

REQUIREMENT:
Provide worldwide, survivable, anti-jam, low probability of intercept communications in a stressed environment for shore, ship, and submarine platforms. Fulfill communications required between airborne and on shore commanders and U.S. naval forces, and relay message traffic from tactical commanders to deployed forces such as naval battle groups, without revealing locations. These communications are essential in the utilization of today's sophisticated sensors and weapon systems.

CURRENT SITUATION:
There are no adequate facilities at this site to house and support an earth terminal for EHF and UHF satellite communications systems.

IMPACT IF NOT PROVIDED:
The Navy will be unable to make full use of existing and programmed communication satellites in providing critical communications essential to the deployment of sophisticated sensors and weaponry and the use of state-of-the-art navigational aids. The service to the Fleet will be seriously impaired.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
SATELLITE TERMINAL	P-405

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	09-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	45
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	01-92

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(70)
(B) ALL OTHER DESIGN COSTS	(100)
(C) TOTAL	170
(D) CONTRACT	(150)
(E) IN-HOUSE	(20)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMMUNICATIONS EQUIPMENT #33109N	OPN	1991	1,200
		TOTAL	1,200

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	SATELLITE TERMINAL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0303109N	131.24	P-109	8,770

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SATELLITE TERMINAL	SF	9,500	-	4,750
BUILDING	SF	8,000	355.00	(2,840)
MAINTENANCE SHOP	SF	1,500	110.00	(170)
INTERCONNECT FACILITIES	LS	-	-	(420)
HEMP TESTING AND ANTENNA HEMP HARDENING	LS	-	-	(1,070)
BUILT-IN EQUIPMENT	LS	-	-	(1,220)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	3,090
UTILITIES	LS	-	-	(1,710)
PAVING AND SITE IMPROVEMENT	LS	-	-	(310)
SUBTOTAL	-	-	-	7,840
CONTINGENCY (5.0%)	-	-	-	390
TOTAL CONTRACT COST	-	-	-	8,230
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	540
TOTAL REQUEST	-	-	-	8,770
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story, steel-framed, High Altitude Electro Magnetic Pulse (HEMP) hardened satellite terminal building, composite roof slab and concrete panels on walls, shielding in walls, roof and floors, waveguide entry corridor, cable vaults; pre-engineered metal, steel-framed emergency power equipment maintenance shop building; HEMP hardening of the microwave relay facility, environmental control, waveguide entry; electrical duct systems to a satellite antenna, communication and utility line penetration plates, grounding, lightning protection systems, fire protection systems, surge arresters, cathodic protection systems, air conditioning, utilities; concrete antenna foundation, primary power feeder cable from commercial power company area substation, security fencing, fuel tanks.

11. REQUIREMENT: 9,500 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides a HEMP-hardened satellite communication facility to house the Naval Communications Area Master Station Mediterranean (NAVCAMS MED) Defense Satellite Communications System (DSCS) earth terminal and HEMP harden the existing microwave relay building. (New mission.)

REQUIREMENT:

A facility to house a defense satellite communication system earth terminal to provide jam resistant, secure communications for command and control of U.S. strategic and tactical forces in the European theater. HEMP hardening of the existing microwave relay facility is required to provide an operation completely protected against interruption or loss of critical communications traffic. This project provides connectivity for the Allied Forces, Southern Europe (AFSOUTH) C3I building being provided in the FY 1990 MILCON program with a 1993 Initial Operating Capability (IOC).

CURRENT SITUATION:

The existing facility is not shielded against HEMP. The existing facilities cannot be protected to meet minimum standards of HEMP

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
SATELLITE TERMINAL	P-109

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
shielding because of excessive penetrations. The only alternative is to construct a separate facility for the SATCOM terminal and HEMP-harden the existing microwave relay facility.

IMPACT IF NOT PROVIDED:
The command and control communications systems of the Sixth Fleet and other users will continue to be vulnerable to disruption. The electrical and electronic systems in the existing facility will continue to be vulnerable to permanent damage resulting from a high-altitude nuclear event.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	09-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	45
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___ NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(450)
(B)	ALL OTHER DESIGN COSTS	(60)
(C)	TOTAL	510
(D)	CONTRACT	(470)
(E)	IN-HOUSE	(40)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	HOST NATION INFRASTRUCTURE SUPPORT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0901212N	610.10	P-092	2,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
HOST NATION INFRASTRUCTURE SUPPORT	LS	-	-	1,800
SUBTOTAL	-	-	-	1,800
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,890
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	110
TOTAL REQUEST	-	-	-	2,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

The host nation support required varies for each individual NATO project. These funds will be used to cover non-NATO eligible expenses such as host nation costs, life safety functional utility/livability, energy, administrative expenses, design support, joint formal acceptance inspection and audit, currency fluctuation losses, and restoration floor.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Execute role as Host Nation and Construction Agent for NATO Infrastructure projects in CONUS, Iceland and Bermuda, in accordance with DOD Directive.

REQUIREMENT:
Host Nation Infrastructure Support (HNIS) program provides a source of U.S. funds for each NATO funded project to pay Host Nation costs. This authority is not used to increase the scope of a facility for U.S. functions, such work is included through conjunctive funding in separate MILCON projects.

CURRENT SITUATION:
Navy is Construction Agent for NATO Infrastructure projects at locations where the United States is Host Nation. HNIS responsibilities involve funding certain program costs, such as, land acquisition, source utilities, roads and parking, administrative expenses, design support, joint formal acceptance inspections (JFAI) and audits, currency fluctuation losses, and restoration floor. NATO eligibility criteria stipulates only Minimum Military Requirement (MMR) for wartime occupancy and does not include peacetime related features such as fire protection or energy conservation. The average annual HNIS program requirement (FY 1983-1990 inclusive) has been $2,340,000. This request is based on approved NATO Infrastructure projects.

IMPACT IF NOT PROVIDED:
Timely U.S. funding for the work will not be possible. Delays in executing these projects for lack of HNIS funding will deprive operating

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
HOST NATION INFRASTRUCTURE SUPPORT	P-092

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
units of sorely needed facilities and may be a source of embarrassment for the U.S.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:
- (A) DATE DESIGN STARTED. . . . . _____
- (B) PERCENT COMPLETE AS OF JANUARY 1991. 0
- (C) DATE DESIGN 35% COMPLETE . . . . . _____
- (D) DATE DESIGN COMPLETE . . . . . _____

(2) BASIS:
- (A) STANDARD OR DEFINITIVE DESIGN: YES___ NO_X_
- (B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E): ($000)
- (A) PRODUCTION OF PLANS AND SPECIFICATIONS . . . . . (0)
- (B) ALL OTHER DESIGN COSTS . . . . . (0)
- (C) TOTAL. 0
- (D) CONTRACT . . . . . (0)
- (E) IN-HOUSE . . . . . (0)

(4) CONSTRUCTION START. . . . . _____ (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
VARIOUS LOCATIONS	LAND ACQUISITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0901211N	911.10	P-092	45,900

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
LAND ACQUISITION	LS	-	-	41,240
SUBTOTAL	-	-	-	41,240
CONTINGENCY (5.0%)	-	-	-	2,060
TOTAL CONTRACT COST	-	-	-	43,300
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	2,600
TOTAL REQUEST	-	-	-	45,900
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Acquisition of interests in land at these locations:

Naval Submarine Base, New London, Connecticut.
Marine Corps Base, Camp Lejeune, North Carolina.
Naval Station, Everett, Washington.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Acquires interests in land at three locations to support activity missions. Adequate control of real estate by restrictive-use easements or fee title is necessary to properly site facilities and protect operational capabilities and technical parameters. Lack of control by the Navy of real estate proposed for acquisition by this project will inhibit necessary military operations. Justifications for each of the parcels to be acquired follow:

Naval Submarine Base, New London, Connecticut - This project will acquire land adjacent to the northeast boundary of the base. The property is currently in violation of DOD explosive safety criteria which requires the Navy to control property within Explosive Safety Quantity Distance (ESQD) arcs from weapons storage magazines to assure that inhabitants of nearby communities, Navy personnel and adjacent public and private property is protected. A Chief of Naval Operations (CNO) waiver authorizes current criteria deviations. All properties are zoned residential by the neighboring Town of Ledyard. There are nine parcels encumbered by existing and proposed ESQD arcs.

Marine Corps Base, Camp Lejeune, North Carolina - This acquisition is required to restore mission support capabilities to meet the live-fire range and maneuver area training requirements stemming from force modernization and to avoid conflicts with imposed environmental and natural resource legal restraints on land use. Current range and

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
LAND ACQUISITION	P-092

11. REQUIREMENT (CONTINUED)

maneuver area organization and use are limited by the World War II-era configuration of the installation, which is not capable of providing a quality training environment for today's longer range/higher lethality weapon systems and high mobility training doctrine. Current training support capabilities are further limited by the multitude of statutory requirements for management of endangered species, wetlands, and related coastal environmental issues. Reconfiguration of training areas within current boundaries is not possible without sacrificing either maneuver or live-fire capabilities and perpetuating current conflicts with environmentally sensitive areas. Use of remote locations results in both high travel and logistics costs and the fragmentation of training evolutions. The reconfiguration permitted through land expansion will restore the essential capability to provide realistic amphibious/combined arms training and provide maximum return on the Marine Corps existing multi-billion dollar investment in regional base structure.

Naval Station, Everett, Washington - This project provides for the exchange of Navy-owned land located south of the station's main site with unutilized land owned by the Scott Paper Company located adjacent to the station's main site. This exchange will allow a facility to be built next to the station's main site which will house both a Fleet Training Center (FTC) in support of 10,600 active duty personnel homeported here and a Reserve Training Center in support of 350 reservists. This action will provide consolidation of functions and direct access to the training center by the crew-members of homeported and visiting ships. It also allows joint use of parking facilities, which are very constrained on the station. Presently, the Naval Reserve Center is located in dilapidated buildings in a parcel south of the station and adjacent to the Scott Paper Company factory. The shape of this parcel does not allow any room for expansion and there is no other real estate available in the proximity of the station's main site which can be used for this purpose. Without this land exchange, training operations for Everett personnel will continue to be impaired.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	POLLUTION ABATEMENT FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
VARIES	VARIES	VARIOUS	28,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
POLLUTION ABATEMENT FACILITIES	LS	-	-	28,200
TOTAL REQUEST.	-	-	-	28,200

10. DESCRIPTION OF PROPOSED CONSTRUCTION

These pollution abatement facilities will bring Naval and Marine Corps installations into compliance with federal, state, and local environmental laws. Facilities include upgrading existing structures, building new structures, solid waste disposal, and separation of water and sewer pipelines. Environmental engineering evaluations were performed to determine the most advantageous method for achieving compliance with environmental laws and regulations. (See individual project descriptions of work)

11. REQUIREMENT: VARIES.

Facilities at Naval and Marine Corps installations were often constructed with inadequate controls to meet present day environmental quality standards. Industrial wastewaters and sewage are discharged untreated or inadequately treated into adjacent waterways. These projects will continue the Navy's program for correcting, controlling, and preventing pollution at Naval and Marine Corps installations, and to comply with federal, state, and local air and water quality standards. The pollution abatement program includes projects from some of the following categories:

Sanitary Wastewater System - Some installations have sewerage systems which do not meet present day minimum water quality standards. The Clean Water Act of 1972, PL 92-500, requires every "point source" discharger to obtain a permit which specifies the allowable amount and constituents that can be discharged to surface waters. The permit may contain a schedule specifying the dates by which the discharger will achieve compliance. Projects in this category provide improvements to sanitary sewage collection and treatment systems to satisfy the water quality criteria and permit requirements.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

11. REQUIREMENT: (CONTINUED)

Industrial Wastewater Treatment Facilities - Industrial operations create many unique waste disposal problems. These wastes are more difficult to treat than typical sanitary wastewater. Industrial wastewater effluents contain heavy metals and toxic and corrosive chemicals that are potential stream pollutants, and also have a deleterious effect on municipal sewage treatment systems. Therefore, the Navy must provide pretreatment plants so wastes are treated before being sent to municipal systems for further treatment. Industrial facilities may also discharge wastes, untreated or inadequately treated, into adjacent drainage courses that empty into harbor or navigable waters in violation of discharge permits. Projects in this category provide treatment facilities, and other modifications as required, to meet the discharge permit.

Solid Waste Management Facilities - The Navy is fast approaching a crisis because of the lack of solid waste management facilities. These facilities are necessary to minimize the amount of trash, garbage, solid waste, and hazardous waste which must be handled; and to provide for the segregation and management of recyclable materials and their ultimate treatment and disposal in order to protect public health and the environment.

Water and Sewer Pipelines Separation - Projects in this category insure compliance with environmental protection agency (EPA) and state regulations for the elimination of potable water contamination because of possible cross-connections of pipelines.

Potable Water Treatment or Distribution Systems - Some installations which provide potable (drinking) water may not meet standards set by EPA or the states under the Safe Drinking Water Act (SDWA) of 1974, PL 93-523. Treatment systems must be modified or replaced to produce drinking water which meets the maximum contaminant levels (MCLSs) specified by EPA for specific contaminants, including metals and organics. In some cases, distribution systems do not meet the requirements of the SDWA and must be modified or replaced.

Oil Spill Prevention - Existing oil and fuel storage and transfer areas do not have the necessary oil spill control structures required to prevent accidental oil discharges from reaching navigable waters. To prevent the possible discharge of oil, in any form, into navigable waters or into the tributaries of such waters, Federal regulations require facilities storing or transferring oil to prepare an Oil Spill Prevention Control and Countermeasures Plan (SPCC Plan) and to fully implement this plan as soon as possible. Steel and concrete fuel storage tanks at the Navy's bulk fuel distribution facilities are now ecologically unsatisfactory because of navigable waters contamination. This was caused when Navy converted ships to the lighter middle distillate diesel fuel which seeps through numerous faults in the walls of tanks. In addition to tanks leaking, the fuel piping systems have deteriorated beyond environmentally safe limits and must be replaced.

Hazardous Waste Storage Facilities - Owners and operators of hazardous waste transfer and storage facilities are required by the 1984 amendments to the Resource Conservation and Recovery Act (RCRA) to provide facilities meeting stringent standards. This requires that all hazardous waste be properly containerized, packaged, labelled and, if necessary, stored in approved facilities before final disposal. These facilities may not lawfully begin or continue transfer and storage activities until an effective RCRA permit is received. These projects provide facilities which comply with extensive technical and design standards as mandated by RCRA.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

11. REQUIREMENT: (CONTINUED)

Air Emissions Control - The Clean Air Act Amendments of 1977, PL 95-95, reiterated the Congressional mandate to eliminate or reduce air pollution. State implementation plans have been formulated, and specific strategy to achieve the standards has been promulgated. Projects in this category will eliminate or reduce emission from steam and heating plant boilers, fire-fighting training schools, open sand-blasting and paint spraying operations, gasoline dispensing facilities, and industrial operations. The common pollutants include particulates, sulfur oxides, nitrogen oxides, hydrocarbons, photochemical oxidants (chiefly ozone) and carbon monoxide. All projects will be designed to the most stringent existing standard. In some instances, a notice of violation from the Local Air Pollution Board has been received by the activity. This can be expected to increase as air permits are processed with the states in accordance with the Clean Air Act Amendments of 1977.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN STATUS: PROJECT DESIGNS CONFORM TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE".

INDIVIDUAL PROJECT DESCRIPTIONS FOLLOW:

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		INSIDE THE UNITED STATES	
		CALIFORNIA	
179.45	P-480	FIRE FIGHTER TRAINING FACILITY TWENTYNINE PALMS CA MAGCC	680

Training in the existing facility has seriously contaminated the soil, and the Regional Water Quality Control Board has issued a "Cease Discharge Order." The use of the existing fire burn pit must cease before the restoration of the contaminated soil may commence. An environmentally approved live fire training facility is required for aircraft fire and crash rescue crews. In order to comply with the strict fire-safety requirements for using the Expeditionary Airfield, mandatory bi-weekly training is conducted for 45 marines in aircraft fire and rescue crews of the Marine Wing Support Squadron and 35 civilian fire fighters in the Combat Center Fire Department. If the live fire training of the aircraft fire and crash rescue crews is interrupted, the airfield must be shut down, and realistic air-supported combat training can no longer be provided for fighting Marine regiments. (Current mission.)

SUBTOTAL - CALIFORNIA 680

FLORIDA

831.41 P-836 HAZARDOUS WASTE STORAGE FACILITY 990
MAYPORT FL NS

The Mayport Naval Complex (MNC) provides logistics support and intermediate level maintenance and repair for surface ships and aircraft to the Atlantic Fleet. In supporting this mission, MNC generates approximately 40,000 pounds of hazardous waste per month. By current legislation, MNC is classified as a fully regulated hazardous waste generator, and therefore, is responsible for compliance with the Resource Conservation Recovery Act, and all other applicable directives regulating the generation, storage and transfer of hazardous waste. The existing facility has a permitted capacity of 480 drums holding no more than 26,400 gallons of waste. Based on the present hazardous waste generation rate, the time it takes to process it for contract removal, and the laboratory time required for identification of unknown wastes, the permitting capacity of the existing facility is too small and inadequate. In addition, the configuration of the facility does not permit efficient operation. This project will provide a storage facility with spill containment, alarm and sprinkler systems, communication equipment, other safety and security features, and a packaging and decontamination area for cleaning workers and equipment. Without an adequate hazardous waste facility, the station will continue to operate in violation of their permit. (Current mission.)

SUBTOTAL - FLORIDA 990

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		MARYLAND	
832.10	P-932	SANITARY SEWAGE SYSTEM IMPROVEMENTS BETHESDA MD NATNAVMEDCEN	970

Existing sewer mains and laterals are not operating properly and organic compounds could seep into the surrounding waterways, in violation of state environmental standards. A sewer evaluation identified sections of crushed pipe, severe offset joints, and root intrusions, along with heavy grease build-up and lines with poor grades. Improvements to the sanitary sewer system are required to comply with the National Pollutant Discharge Elimination System permit and the Environmental Protection Agency reliability requirements for wastewater discharge. This project will extend the life of the sanitary sewer system by replacing deteriorated portions of the sewer mains, cleaning and relining other sections, and sealing pipe joints. This will eliminate a substantial number of sewage backups at several locations, including under the hospital. (Current mission.)

931.10	P-725	SANITARY WASTEWATER SYSTEM ST INIGOES MD NAVELEXSYS	900

The Navy is currently in violation of the National Pollution Discharge Elimination Systems permit and the Environmental Protection Agency (EPA) reliability requirements for wastewater discharges into shellfish waters, specifically the St. Mary's River. The existing septic tanks and drain fields are unable to handle the wastewater properly and are allowing organics to be discharged into the surrounding waterways in violation of Maryland's environmental standards. Without this project, the Navy will continue to be in violation of State and Federal regulations and pose a threat to shellfish waters. The sanitary improvements provided by this project will eliminate a substantial source of water pollution and remove wastewater collection deficiencies as required by EPA. (Current mission.)

		SUBTOTAL - MARYLAND	1,870
		NORTH CAROLINA	
831.10	P-014	WASTEWATER TREATMENT PLANT IMPROVEMENTS CHERRY POINT NC MCAS	17,000

The station is not in compliance with current National Pollution Discharge Elimination System (NPDES) permit and is presently operating under a Special Order by Consent, which identifies this project as the method to comply with the current permit. This project upgrades both the domestic and the industrial wastewater treatment plants to comply with more stringent discharge limits and provide efficient operations and expansion to handle increased loading. Wastewater treatment plants are required to process all domestic water utilized by the station. An upgrading of both technology and capacity is required to comply with more stringent discharge limits. An increase in capacity is also required because of an increase in water usage over the years, and an increase in water usage from a new six million-gallons-per-day water treatment plant to become operational in FY 1993. The existing domestic plant is almost 50 years old and in need of replacement by systems utilizing modern technology. Its operation is adversely affected by inadequate digesters, lack of storage areas, and a manual system for sludge removal. The

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		NORTH CAROLINA	
		existing industrial plant cannot treat water at its rated capacity, and is unable to handle peak load conditions. (Current mission.)	
		SUBTOTAL - NORTH CAROLINA	17,000
		TOTAL - INSIDE THE UNITED STATES	20,540
		OUTSIDE THE UNITED STATES	
		PUERTO RICO	
831.10	P-495	SANITARY WASTEWATER SYSTEM UPGRADE ROOSEVELT RDS PR NS	7,660
		All three station wastewater treatment plants at this station are in violation of the Puerto Rico Environmental Quality Board (EQB) water quality standards regulations and their Environmental Protection Agency (EPA) National Pollution Discharge Elimination System (NPDES) permit. This project upgrades these treatment plants and sewerage collection systems to ensure Navy's compliance with federal and local water quality standards. Without this project, these plants will continue to violate the provisions of the Clean Water Act. Navy's failure to honor the compliance agreement contained in the NPDES permit will lead to judicial action by EPA and possibly by the Commonwealth of Puerto Rico. (Current mission.)	
		SUBTOTAL - PUERTO RICO	7,660
		TOTAL - OUTSIDE THE UNITED STATES	7,660
		TOTAL - POLLUTION ABATEMENT FACILITIES	28,200

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0901211N	020.00	P-092	12,400

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
UNSPECIFIED MINOR CONSTRUCTION	LS	-	-	12,400
TOTAL REQUEST.	-	-	-	12,400

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Unspecified minor construction projects within the concepts of Title 10 USC 2805 not otherwise authorized by law (except family housing) having an approved cost of $1,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities.

11. REQUIREMENT: VARIES

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 $1,000,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
'AVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	A & E SERVICES AND CONSTRUCTION DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0901211N	010.00	VARIOUS	77,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
A & E SERVICES AND CONSTRUCTION DESIGN	LS	-	-	77,200
TOTAL REQUEST.	-	-	-	77,200

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundations exploration, will be undertaken as necessary.

11. REQUIREMENT: VARIES.

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. Costs for architectural and engineering services and construction design are not included in the construction project cost estimates.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
'AVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	ACCESS ROADS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0901211N	040.00	P-192	1,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ACCESS ROADS	LS	-	-	1,000
TOTAL REQUEST	-	-	-	1,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Finance: (1) new off-station entrances to Naval or Marine Corps activities or new connections between Naval or Marine Corps activities; (2) urgently needed improvements of existing highways serving Naval or Marine Corps activities; (3) the Federal Government's share of cost of relocating highways severed by expansion or construction of new Naval or Marine Corps facilities; (4) alterations to roads near Naval or Marine Corps activities to accommodate special military vehicles; and (5) contractor damage to roads serving missile bases. Funds provided will be transferred to the Federal Highway Administration of the Department of Transportation which is responsible under Title 23, USC 210 for assuring proper design and construction of approved work.

11. REQUIREMENT: VARIES.

These funds are required to provide access roads. Access road items are required for construction, improvement, replacement or relocation of public highways necessitated by construction of new or expansion of existing Naval or Marine Corps activities which result in a sudden and significant impact on the adjacent highway system. Such items are also vital for relocation of highways to satisfy airway-highway or explosive-clearance criteria. Highways located within the boundaries of a military reservation are not eligible for financing from these funds. Projects in the regular Federal Aid Primary Systems are not normally considered eligible for financing with these funds (exceptions may occur for cases such as special vehicles, weapons safety, or other extraordinary impact generated by Navy requirements).

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	PROJECTS $1 MILLION AND UNDER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
VARIES	VARIOUS	VARIOUS	5,110

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PROJECTS $1 MILLION AND UNDER.	LS	-	-	5,110
TOTAL REQUEST.	-	-	-	5,110

10. DESCRIPTION OF PROPOSED CONSTRUCTION
Specified construction projects (except family housing) having a funded cost of $1,000,000 or less (see individual project descriptions.)

11. REQUIREMENT: VARIES.
Projects are specifically identified on subsequent sheets.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN STATUS: PROJECT DESIGNS CONFORM TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE".

INDIVIDUAL PROJECT DESCRIPTIONS FOLLOW:

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS $1 MILLION AND UNDER	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		INSIDE THE UNITED STATES	
		CALIFORNIA	
141.20	P-439	AIRCRAFT FIRE AND RESCUE STATION ADDITION CAMP PENDLETON CA MCAS	650
		The existing facility cannot adequately berth the men and women of the crash crew when they are assigned 24-hour duty. The limited sleeping, locker and shower facilities cannot adequately accommodate the number of watchstanders or provide adequate separation for the women Marines who currently bunk on couches in the administrative area. Also, the facility does not have an adequate training area and the storage space is too small for the quantity of materials, equipment and supplies needed to be stored. This project will modify the layout of the existing building and construct an addition to provide adequate facilities for crash crew operations, training and berthing. Without this project, personnel will continue to operate from overcrowded spaces, which reduces unit training and efficiency. (Current mission.)	
171.20	P-034	APPLIED INSTRUCTION BUILDING ADDITION SAN DIEGO CA FCTCPAC	640
		Adequate facility is required to accommodate cryptologic training in support of the introduction of the DDG-51 and LHD-1 to the Fleet. This project will construct an addition to an existing building to house platforms with a new and highly-advanced cryptologic capability to support Battle Group and national strategic objectives. This training facility will also support team training of personnel manning new cryptologic systems such as OUTBOARD II, Combat Cryptologic Console, and Combat Direction Finding which is to be installed on current and future platforms. (New mission.)	
722.10	P-288	MESS HALL IMPROVEMENTS SAN DIEGO CA NS	310
		Comfort at meal times is extremely important to morale and retention of highly-trained Navy personnel. The outside temperature in this area averages 75 degrees, and the interior temperatures approach and exceed 90 degrees. The filtered air supplied to the dining, serving, kitchen and scullery areas is inadequate to provide a reasonably comfortable environment for personnel. This project will air condition the enlisted mess hall which is the only means available to provide a comfortable setting for enlisted personnel to eat meals. (Current mission.)	
		SUBTOTAL - CALIFORNIA	1 600

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS $1 MILLION AND UNDER	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		CONNECTICUT	
730.10	P-320	FIRE STATION NEW LONDON CT NSB	770

The existing fire station is located on the lower base. At present, this fire station is required to provide fire protection for approximately 230 buildings and 2,700 family housing units off-base. Off-base responses to family housing average 1,000 calls a year and are increasing at a rate of 10 percent a year, creating a serious fire protection deficiency for not only the family housing area, but also for the base proper. Distance from the base fire station to family housing ranges from 1.6 to 3.6 miles. Response times exceed minimum mandatory Navy fire protection, life and property preservation standards. Depending on base traffic and the congestion on State Highway 12, which must be used to reach off-base housing, response times can be 20 percent higher than mandatory criteria. Area Fire Marshall surveys have identified a fire protection deficiency which cannot be corrected with just one station. Local community fire departments cannot provide adequate coverage of Navy family housing areas. The nearest community fire station is further from Navy housing than the on-base station. The only way to correct this deficiency is to provide this second fire station in the proximity of the family housing. Without this project, Navy personnel and dependents will continue to be subjected to unacceptable risk of loss of life and property. (Current mission.)

		SUBTOTAL - CONNECTICUT	770
		GEORGIA	
213.30	P-442	GENERATOR TEST BUILDING ADDITION KINGS BAY GA NSB	580

An adequate TRIDENT Refit Industrial Facility capable of performing depot level maintenance, overhaul and testing of SSBN 500-kilowatt motor-driven generator sets is required. No space is available at Kings Bay to support motor-generator maintenance functions. This project provides an addition to house a motor-generator refit facility. Without this project, the TRIDENT Refit Industrial Facility will be unable to properly maintain the motor-generator sets, adversely affecting the SSBN refit schedule. (Current mission.)

		SUBTOTAL - GEORGIA	580
		MARYLAND	
812.30	P-965	ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENTS ANNAPOLIS MD NRTF	920

A Very Low Frequency (VLF) system is required to provide key telecommunications to allow strategic communications with submerged submarines. Continuous uninterrupted operation of the VLF system is jeopardized by the unreliable electrical power distribution system. Electrical power is provided through obsolete thirty-one year old air circuit breaker switchgear. The main feeder is routed through common components along with the feeders to non-operational buildings. This does not provide the required redundancy and poses the threat of power loss for all areas if either feeder were to fail. Additionally, the

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS $1 MILLION AND UNDER	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		MARYLAND	
		feeder to the VLF building is used to provide power to the housing area and other non-operational buildings. This project improves the electrical power distribution system and provides a reliable electrical power supply by replacing the existing antiquated air circuit breaker switchgear and isolating the main feeder to the transmitter building. Without these improvements, the VLF transmitting system will continue to operate dependent upon an unreliable electrical power source. Switchgear will be subjected to more frequent failures with longer and more frequent outages occurring. (Current mission.)	
		SUBTOTAL - MARYLAND	920
		VIRGINIA	
880.10	P-638	FIRE ALARM SYSTEM IMPROVEMENTS NORFOLK VA NS	340
		One of the older buildings on the station does not have adequate fire alarm system or exterior fire escapes. There are no interim control measures, therefore, the building is out of compliance with the Occupational Safety and Health Act (OSHA), subjecting personnel to a serious threat in the event of a fire or other emergency. This project will provide a manual fire alarm system in the building and construct exterior fire escapes with illuminated exit signs and emergency lighting. Without this project, the Navy will remain in violation of OSHA standards and personnel will continue to be exposed to a serious fire safety hazard. (Current mission.)	
		SUBTOTAL - VIRGINIA	340
		TOTAL - INSIDE THE UNITED STATES	4,210
		OUTSIDE THE UNITED STATES	
		GUAM	
143.80	P-234	CLASSIC WIZARD UPGRADE GUAM NAVCAMS WESTPAC	900 (NFIP)
		Provides additional office and storage space and upgrades existing facilities to accommodate new analysts assigned to the Classic Wizard (CW) program. This project is required to provide secure space in support of an expanded operational Navy DX BRICKBAT FAD I mission. New analysts assigned to this expanding CW mission require dedicated work stations and logistics support space for special projects. Recent installation of new equipment and the new prototype systems to be deployed at this site for operational use, development, and check out, will utilize existing space. Without this project, work on the new prototype electronics system and the CW operations will be severely impacted due to a lack of space for operational analysts.	
		SUBTOTAL - GUAM	900
		TOTAL - OUTSIDE THE UNITED STATES	900

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS $1 MILLION AND UNDER	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
/			
		GRAND TOTAL - PROJECTS $1 MILLION AND UNDER	5,110

DEPARTMENT OF NAVY
MILITARY FAMILY HOUSING
FISCAL YEAR 1992 INDEX

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DEPARTMENT OF THE NAVY
FAMILY HOUSING – FY 1992 BUDGET ESTIMATE
AUTHORIZATION FOR APPROPRIATION REQUESTED
($000)

FUNDING PROGRAM		FY 1992
Construction of New Housing		107,562
Construction Improvements		55,438
A & E Services and Construction Design		6,200
Appropriation Request, Family Housing Construction		169,200
Operations and Maintenance		637,710
Operating Expenses	128,948	
Utilities	196,928	
Maintenance	311,834	
Leasing		72,900
Domestic	34,932	
Foreign	37,968	
Debt Payment		
Principal	0	90
Interest and Other Expense	0	
Servicemen's Mortgage Insurance Premiums for Existing Coverage	90	
Appropriation Request, Family Housing Support		710,700
Total Family Housing, Navy Appropriation Request		879,900
Reimbursable Authority Requirements		9,728
Total Family Housing, Department of Navy Program		889,628

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1992 BUDGET SUMMARY
PROGRAM SUMMARY

(In Thousands)

FY 1992 Program $889,628
FY 1991 Program $875,396

Purpose and Scope

This program provides for the support of military family housing functions within the Department of the Navy.

Program Summary

Authorization is requested for:

(1) The performance of certain construction summarized hereafter; and

(2) The appropriation of $889,628,000

(a) to fund this construction; and

(b) to fund partially certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 1992 follows ($000):

Program	Navy	Marine Corps	DON Total
Construction			
Appropriation Request	147,828	21,372	169,200
Reimbursements	--	--	--
Total Program	147,828	21,372	169,200
Operations, Utilities, Maintenance and Leasing			
Appropriation Request	601,040	109,570	710,610
Reimbursements	7,978	1,750	9,728
Total Program	609,018	111,320	720,338
Debt Payment			
Appropriation Request	87	3	90
Reimbursements	--	--	--
Total Program	87	3	90
Total			
Appropriation Request	748,955	130,945	879,900
Reimbursements	7,978	1,750	9,728
Total Program	756,933	132,695	889,628

Family Housing, Navy and Marine Corps
Fiscal Year 1992

For expenses of family housing for the Navy and Marine Corps for construction, including acquisition, replacement, addition, expansion, extension and alteration and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction, [$174,917,000] $169,200,000; for Operation and Maintenance, and for Debt Payment, [$691,101,000] $710,700,000; in all [$866,018,000] $879,900,000: Provided, that the amount provided for construction shall remain available until September 30, [1995] 1996.

Further, for the foregoing expenses, as follows: for Construction, $8,200,000; for Operation and Maintenance, and for Debt Payment, $784,700,000; in all $792,900,000: Provided, that the amount provided for construction shall remain available until September 30, 1997. (10 U.S.C. 2824, 2827-29, 2831, 2851-54, 2857; Military Construction Appropriations Act, 1991; additional authorizing legislation to be proposed.)

Family housing construction, Navy and Marine Corps
Program and Financing (in thousands of dollars) Summary

Identification code 17-7030-0-1-051		1990 actual	1991 est	1992 est	1993 est
		Budget Plan (amounts for family housing actions programmed)			
	Program by activities:				
	Direct program:				
01.0101	Construction of new housing	96,503	126,297	107,562	
01.0201	Post-Acquisition Construction	31,036	42,420	55,438	2,000
01.0301	Planning and design	3,100	6,200	6,200	6,200
01.9101	Total direct program	130,639	174,917	169,200	8,200
03.0101	Reimbursable Program	19,200	4,000		
10.0001	Total	149,839	178,917	169,200	8,200
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-19,204	-4,000		
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans		-11,037		
21.4009	Reprograming from/to prior year budget plans	-1,334			
22.4001	Unobligated balance transferred to other accounts	75			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans				
24.4003	Available to finance subsequent year budget plans	11,037			
25.0001	Unobligated balance lapsing	934			
39.0001	Budget authority	141,351	163,880	169,200	8,200
	Budget authority:				
40.0001	Appropriation	174,621	174,917	169,200	8,200
40.3601	Appropriation rescinded (unob bal)		-11,037		
41.0001	Transferred to other accounts (-)	-33,270			
43.0001	Appropriation (adjusted)	141,351	163,880	169,200	8,200
	Relation of obligations to outlays:				
71.0001	Obligations incurred, net				
72.4001	Obligated balance, start of year				
73.0001	Obligated balance transferred, net				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
90.0001	Outlays				

Family Housing Construction, Navy and Marine Corps
Program and Financing (in Thousands of dollars) SUMMARY

Identification code 17-7030-0-1-051		Obligations			
		1990 actual	1991 est.	1992 est.	1993 est.
	Program by activities:				
	Direct program:				
01.0101	Construction of new housing	73,897	89,168	142,559	93,277
01.0201	Post-Acquisition Construction	47,236	33,407	49,468	20,194
01.0301	Planning and design	5,196	6,295	6,339	4,181
01.9101	Total direct program	126,329	128,870	198,366	117,652
03.0101	Reimbursable Program	2,772	20,428		
10.0001	Total	129,101	149,298	198,366	117,652
	Financing:				
	Offsetting collections from:				
11.0001	Federal funds(-)	-19,200	-4,000		
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans	-144,366	-163,770	-193,389	-164,223
21.4003	Available to finance new budget plans		-11,037		
21.4009	Reprograming from/to prior year budget plans				
22.4001	Unobligated balance transferred to other accounts	75			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	163,770	193,389	164,223	54,771
24.4003	Available to finance subsequent year budget plans	11,037			
25.0001	Unobligated balance lapsing	934			
39.0001	Budget authority	141,351	163,880	169,200	8,200
	Budget authority:				
40.0001	Appropriation	174,621	174,917	169,200	8,200
40.3601	Appropriation rescinded (unob bal)		-11,037		
41.0001	Transferred to other accounts (-)	-33,270			
43.0001	Appropriation (adjusted)	141,351	163,880	169,200	8,200
	Relation of obligations to outlays:				
71.0001	Obligations incurred, net	109,901	145,298	198,366	117,652
72.4001	Obligated balance, start of year	272,099	190,258	150,565	171,084
73.0001	Obligated balance transferred, net	-62			
74.4001	Obligated balance, end of year	-190,258	-150,565	-171,084	-120,021
77.0001	Adjustments in expired accounts (net)	-1,201			
90.0001	Outlays	190,478	184,991	177,847	168,715

Family Housing Construction, Navy and Marine Corps
Object Classification (in Thousands of dollars) SUMMARY

Identification code 17-7030-0-1-051		1990 actual	1991 est.	1992 est.	1993 est.
	Direct obligations:				
	Other services:				
125.003	Contracts	5,344	8,334	7,901	8,171
125.004	Other	1,592	2,489	2,360	2,441
132.001	Land and structures	119,393	118,047	188,105	107,040
199.001	Total Direct obligations	126,329	128,870	198,366	117,652
	Reimbursable obligations:				
	Other services:				
225.004	Other	2,772			
232.001	Land and structures		20,428		
299.001	Total Reimbursable obligations	2,772	20,428		
999.901	Total obligations	129,101	149,298	198,366	117,652

Family Housing Operations and Debt Ren, and Maint
Program and Financing (in thousands of dollars)

Identification code 17-7035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities				
Direct program				
02 0101 Operating expenses	[illegible]	[illegible]	[illegible]	[illegible]
02 0201 Leasing	[illegible]	[illegible]	[illegible]	[illegible]
02 0301 Maintenance of real property	[illegible]	[illegible]	[illegible]	[illegible]
02 0501 Mortgage insurance premiums	[illegible]	[illegible]	[illegible]	[illegible]
02 9101 Total direct program	[illegible]	[illegible]	[illegible]	[illegible]
03 0101 Reimbursable Program	[illegible]	[illegible]	[illegible]	[illegible]
10 0001 Total obligations	[illegible]	[illegible]	[illegible]	[illegible]
Financing				
Offsetting collections from				
11 0001 Federal funds( )	[illegible]	[illegible]	[illegible]	[illegible]
14 0001 Non-Federal sources( )	[illegible]			
22 4001 Unobligated balance transferred to other accounts	[illegible]			
25 0001 Unobligated balance lapsing	[illegible]			
39 0001 Budget authority	[illegible]	[illegible]	[illegible]	[illegible]
Budget authority				
40 0001 Appropriation	[illegible]	[illegible]	[illegible]	[illegible]
42 0001 Transferred from other accounts	[illegible]			
43 0001 Appropriation (adjusted)	[illegible]	[illegible]	[illegible]	[illegible]
Relation of obligations to outlays				
71 0001 Obligations incurred, net	[illegible]	[illegible]	[illegible]	[illegible]
72 4001 Obligated balance, start of year	[illegible]	[illegible]	[illegible]	[illegible]
73 4001 Obligated balance transferred, net	[illegible]			
74 4001 Obligated balance, end of year	[illegible]	[illegible]	[illegible]	[illegible]
77 4001 Adjustments in expired accounts (net)	[illegible]			
90 0001 Outlays	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1992 BUDGET ESTIMATE
CONSTRUCTION OF NEW HOUSING

(In Thousands)

FY 1992 Program $107,562
FY 1991 Program $126,297

Purpose and Scope

This program provides for land acquisition, site preparation, acquisition and construction, and initial outfitting with fixtures and integral equipment of new family housing units and associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community and recreational facilities.

Program Summary

Authorization is requested for:

(1) Construction of 788 homes, one family housing office, two community centers, and demolition, and

(2) Appropriation of $107,562,000 to fund this construction.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		30 SEP 90

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
MARINE CORPS BASE CAMP PENDLETON, CALIFORNIA		1.21

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 SEP 89	1,189	7,556	2,137	106	1,751	0	1,897	25,614	2,360	42,610
b. END FY 1996	1,214	7,854	2,137	120	1,932	0	1,890	29,614	2,360	47,121

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE 186,078	
b. INVENTORY TOTAL AS OF 30 Sep 89	227,645
c. AUTHORIZATION NOT YET IN INVENTORY	78,450
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	16,172
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	49,025
g. REMAINING DEFICIENCY	729,419
h. GRAND TOTAL	1,100,711

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	150	16,172	Turnkey	

9. Future Projects:

a. Included in following program — None

b. Major planned next three years — (FY94) 135 — (FY95) 160 — (FY96) 160

10. Mission or Major Functions: Provide training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed to receive and process trainees, and conduct individual combat training as required.

1. COMPONENT	92	2. DATE
MARINE CORPS	FY 19___ MILITARY CONSTRUCTION PROJECT DATA	Sept 1990

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Marine Corps Base Camp Pendleton CA	Family Housing

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	711	H-098	$16,172.0

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	150	70,200	$10,530.0
Buildings	SF	181,250	58.10	(10,530.0)
Supporting Costs: *				4,040.0
Paving & Site Improvements				(1,605.0)
Utilities				(1,182.0)
Landscaping				(179.0)
Recreation				(128.0)
Special Construction Features				(334.0)
Demolition				(0.0)
Fire Sprinklers/Range Hoods				(414.0)
Contingency (5 percent)				728.0
SIOH (6 percent)				874.0
Total Request				$16,172.0
TOTAL PROJECT COST (ROUNDED)				$16,172.0

10. DESCRIPTION OF PROPOSED CONSTRUCTION

DESCRIPTION: Two story family housing units; wood frame or masonry with stucco or prefinished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities. An environmental assessment has been completed and a FONSI was published on 6/10/88. Special construction features include seismic bracing and fire extinguishing systems.

Grade	Bedroom	Net Area	Project Factor	Unit Cost	No. Units	($000) Total
JEM	3	1200	1.186	$49.00	145	$10,112
SEM	4	1450	1.186	$49.00	5	$ 421

REQUIREMENT: 13,968 FA ADEQUATE: 6,838 FA SUBSTANDARD: 0 FA

PURPOSE: Provide 150 adequate family housing units for enlisted personnel.

REQUIREMENT: Adequate family housing for eligible personnel.

CURRENT SITUATION: A current deficit of 3,601 adequate housing units exist for enlisted personnel. Because of the increasing housing costs in the private sector, this deficit is projected to increase dramatically by FY94. There is an extreme shortage of affordable, suitable housing in the private community for enlisted personnel.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		Sept 1990

3. INSTALLATION AND LOCATION
Marine Corps Base
Camp Pendleton CA

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing	H-098

IMPACT IF NOT PROVIDED: There will be an adverse impact on the effectiveness of mission accomplishment and career retention efforts if we do not provide additional housing.

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

Family Housing Requirement coordinated with Local School District. Additional educational facilities will not be required.

* Description breakout may not add due to rounding.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT 900930	2. FISCAL YEAR 1992	REPORT CONTROL SYMBOL DD-A&L(AR)1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
NAVY	a. NAME	b. LOCATION
5. DATA AS OF 30 Nov 1989	MCB Camp Pendleton	California

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	3224	19366	20020	42610	3667	21018	22436	47121
7. PERMANENT PARTY PERSONNEL	3104	16493	17228	36825	3283	15560	18746	37589
8. GROSS FAMILY HOUSING REQUIREMENTS	2089	11613	5004	18706	2079	10245	4986	17310
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	338	2077	1718	4133	0	0	0	0
a. INVOLUNTARILY SEPARATED	14	190	141	345	0	0	0	0
b. UNACCEPTABLY HOUSED-MILITARY ASSESTS	0	0	0	0	0	0	0	0
c. UNACCEPTABLY HOUSED-COMMUNITY ASSETS	324	1887	1577	3788	0	0	0	0
10. VOLUNTARY SEPARATIONS	81	1136	529	1746	89	886	377	1352
11. EFFECTIVE HOUSING REQUIREMENTS	2008	10477	4475	16960	1990	9359	4609	15958
12. ADEQUATE HOUSING (a+b)	1752	7923	3428	13103	1698	5382	1456	8536
a. UNDER MILITARY CONTROL	665	3236	670	4571	719	3977	886	5582
(1) Housed in Existing DOD Owned/Controlled	649	3170	658	4477	665	3236	670	4571
(2) Under Contract/Approved	0	0	0	0	54	741	216	1011
(3) Vacant	13	55	12	80	0	0	0	0
(4) Inactive	3	11	0	14	0	0	0	0
b. PRIVATE HOUSING	1087	4687	2758	8532	979	1405	570	2954
(1) Acceptably Housed	1074	4629	2731	8434	903	1280	518	2701
(2) Vacant Rental Housing	13	58	27	98	76	125	52	253
13. EFFECTIVE HOUSING DEFICIT (11-12)	256	2554	1047	3857	292	3977	3153	7422
14. PROPOSED PROJECT						150		150
15. TOTAL HOUSING ASSETS, INCLUDING PROPOSED PROJECT, AS PERCENTAGE OF PROJECTED EFFECTIVE REQUIREMENTS	a. MILITARY				36.1%	44.1%	19.2%	33.9%
	b. ALL HOUSING				85.3%	99.1%	31.6%	54.4%

16. REMARKS

Line 4: MCB Camp Pendleton, CA is located approximately 35 miles north of San Diego and about 100 miles south of Los Angeles; is adjacent to the Pacific Ocean. The Camp Pendleton boundaries abut the City of San Clemente on the north, Oceanside and Carlsbad on the south, and Vista and Valbrook on the east. MCB Camp Pendleton's mission is to provide training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned; to conduct specialized schools and other training as directed; to receive and process trainees and conduct individual combat training as directed.

Line 12.a.(2): Col. h reflects 268 units appoved in FY88, 332 units approved in FY89, 295 units approved in FY90 and 116 units pending authorization in FY91.

Line 12.b.(2): Cols. e through g reflect anticipated growth in community assets.

Project Composition

150 Enlisted Units	5 4-bedroom SEM
	145 3-bedroom JEM
	150

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
NAVAL AIR STATION LEMOORE, CALIFORNIA		1.14

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 90	470	4554	772	6	162	–	3	73	–	6040
b. END FY 19 95	474	4062	772	4	204	–	3	73	–	5592

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(29,823)	
b. INVENTORY TOTAL AS OF 30 SEP 1989		121,008
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		1,070
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		0
h. GRAND TOTAL		122,078

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing Community Center	7,500 SF	1,070	4/90	12/90

9. Future Projects:

a. Included in following program — None
b. Major planned next three years — None

10. Mission or Major Functions: Maintain and operate facilities and provide services and materials to support operations of aviation activities of the Pacific Fleet.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION LEMOORE, CA	FAMILY HOUSING COMMUNITY CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	714-32	H-182	1,070

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Community Center	SF	7,500	111.15	834
Supporting Facilities	LS	-	-	125
Subtotal	-	-	-	959
Contingency (5%)	-	-	-	48
Total Contract Cost	-	-	-	1,007
Supervision, Inspection & Overhead (6%)	-	-	-	60
Total Request	-	-	-	1,067
Total Request (Rounded)	-	-	-	1,070

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a Community Center addition to the existing family housing office building of approximately 7,500 square feet. Construction will be wood frame with concrete block veneer to match existing motif. The facility will require all utilities including air conditioning, a fire protection and detection system, parking access road, sidewalks, landscaping and site lighting.

11. REQUIREMENT: Construct a 7,500 square foot Community Center building addition to adequately provide full service to military families at NAS Lemoore, CA. (Current Mission)

Current Situation: There is no adequate Community Center at NAS Lemoore. Meeting places to support community social activities are limited and difficult to find. Community functions and adequate space for showing self-help films are confined to a 4' x 6' space in the family housing Office. Since 1984, the housing staff has had to depend on scheduling self-help orientation classes in the Personnel Office, Family Service Center, Youth Center, or where space is available. Scheduling is erratic, constant changes are a problem, classes have been cancelled and military families denied free access to a group meeting place.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AIR STATION LEMOORE, CA

4. PROJECT TITLE	5. PROJECT NUMBER
CONSTRUCT COMMUNITY CENTER	H-182

Impact If Not Provided: NAS Lemoore will continue to lack facilities to support community social and recreational functions. Meeting places will remain difficult to find and, therefor, restrict communication to military families. Community and youth activities will be limited. The lack of adequate space to perform necessary functions in family housing will lead to frustration, anxiety, and lack of attention to the military families assigned to NAS Lemoore.

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

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR COST INDEX
PMTC POINT MUGU/NCBC PORT HUENEME, CALIFORNIA		1.18

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
a. AS OF 31 JAN 90	574	5462	8694	2	477	-	167	341	-	15697
b. END FY 19 95	617	5556	8694	112	716	-	172	774	-	16641

7. INVENTORY DATA	
a. TOTAL ACREAGE (27,082)	
b. INVENTORY TOTAL AS OF 30 SEP 1989	60,410
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	11,160
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	0
g. REMAINING DEFICIENCY	29,883
h. GRAND TOTAL	101,453

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	UNITS	COST	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	100	11,160	Turnkey	

9. Future Projects:

a. Included in following program — None
b. Major planned next three years — None

10. Mission or Major Functions: PMTC Point Mugu provides research and development, logistics, technical support, and training facilities for Naval weapons systems, and related devices, in support of the fleet and other Department of Defense agencies. NCBC Port Hueneme supports the Naval Construction Force, fleet units and assigned organizational units deployed from or homeported at the center: supports mobilization requirements of the Naval Construction Force: stores, preserves, and ships advanced base and mobilization stocks.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PACIFIC MISSILE TEST CENTER POINT MUGU/ NCBC PORT HUENEME, CA	FAMILY HOUSING

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	711	H-190	11,160

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	100	65,830	6,583
Buildings	SF	115,000	57.24	(6,583)
Supporting Costs:				3,442
Paving & Site Improvements				(1,283)
Utilities				(908)
Landscaping				(296)
Recreation				(64)
Special Construction Features				(66)
Demolition				(628)
Fire Sprinklers				(197)
Subtotal				10,025
Contingency (5%)				501
Total Contract Cost				10,526
Supervision, Inspection, & Overhead (6.0%)				632
Total Request				11,158
Total (Rounded)				11,160

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or pre-finished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities.

Grade	Bedroom	Net Area	Project Factor	Unit Cost	No. Units	($000) Total
JEM	2	950	1.1682	$49.00	50	2,719
JEM	4	1350	1.1682	$49.00	50	3,864
					100	6,583

11. REQUIREMENT: 2,672 FA ADEQUATE: 1,513 FA SUBSTANDARD: 0 FA

Project: Construction of 100 adequate family housing units for enlisted personnel. (Current Mission)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

PACIFIC MISSILE TEST CENTER POINT MUGU/
NAVAL CONSTRUCTION BATTALION CENTER PORT HUENEME, CA

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING	H-190

PACIFIC MISSILE TEST CENTER, POINT MUGU/NAVAL CONSTRUCTION BATTALION CENTER, PORT HUENEME, CA (continued)

Requirement: Adequate family housing is needed for married personnel.

Current Situation: Families looking for housing in the private community are faced with a market of rapidly escalating costs and decreasing number of units available for rent. The current community vacancy rate is less than 1.5%. This is a result of families relocating from the extremely expensive Los Angeles area. Housing costs in the community are now in the same range as Orange County (Long Beach) and the San Francisco Bay Area. Approximately 40% of the families living in the local community are unsuitably housed because of high costs. The proposed construction of 100 units will satisfy approximately 16% of the projected requirement of 703.

Impact If Not Provided: Military members will be forced to choose between involuntary separation from their families or accepting housing that is unaffordable or unsuitable. Either choice will lead to dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

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

Necessary coordination with the school district is in progress.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (FFMMDD) 900831	2. FISCAL YEAR 1992	REPORT CONTROL SYMBOL DD-A&L(AR)1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
NAVY	a. NAME	b. LOCATION
5. DATA AS OF 31 JANUARY 1990	PMTC POINT MUGU/ NCBC PORT HUENEME	CALIFORNIA

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	743	4428	2138	7309	901	4781	2265	7947
7. PERMANENT PARTY PERSONNEL	574	3991	1451	6016	617	4176	1380	6173
8. GROSS FAMILY HOUSING REQUIREMENTS	418	2803	399	3620	452	2933	371	3756
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	62	644	217	923				
a. INVOLUNTARILY SEPARATED	13	136	57	206				
b. UNACCEPTABLY HOUSED-MILITARY ASSETS	0	0	0	0				
c. UNACCEPTABLY HOUSED-COMMUNITY ASSETS	49	508	160	717				
10. VOLUNTARY SEPARATIONS	18	251	47	316	20	261	44	325
11. EFFECTIVE HOUSING REQUIREMENTS	400	2552	352	3304	432	2672	327	3431
12. ADEQUATE HOUSING (a+b)	342	1949	137	2428	325	1966	137	2428
a. UNDER MILITARY CONTROL	187	1196	0	1383	170	1213	0	1383
(1) Housed in Existing DOD Owned/Controlled	183	1157	0	1340	170	1213	0	1383
(2) Under Contract/Approved					0	0	0	0
(3) Vacant	4	39	0	43				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	155	753	137	1045	155	753	137	1045
(1) Acceptably Housed	155	751	135	1041	155	751	135	1041
(2) Vacant Rental Housing	0	2	2	4	0	2	2	4
13. EFFECTIVE HOUSING DEFICIT (11-12)	58	603	215	876	107	706	190	1003
14. PROPOSED PROJECT					0	100	0	100
15. TOTAL HOUSING ASSETS, INCLUDING PROPOSED PROJECTS, AS PERCENTAGE OF PROJECTED EFFECTIVE REQUIREMENTS	a. MILITARY				39.4%	49.1%	0.0%	43.2%
	b. ALL HOUSING				75.2%	77.3%	41.9%	73.7%

16. REMARKS

Block 4. The two activities are located within five miles of one another in Ventura County, approximately 60 miles west of Los Angeles. The local housing market has rapidly deteriorated due to the influx of families from the Los Angeles area. The housing market will become increasingly competitive as scarce land is developed and slow growth restrictions take hold.

Block 14. The project satisfies 11.1% of the programming limit as determined by OSD guidance of 17 Aug 90 (90% of effective housing deficit).

Project Composition

100 Enlisted Units — 50 2-bedroom JEM, 50 4-bedroom JEM

100 Total Units

DD Form 1523, NOV 88

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
PUBLIC WORKS CENTER SAN DIEGO, CA		1.16

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 90	9210	74851	22832	542	15181	-	499	4554	-	127669
b. END FY 19 95	9378	75532	23086	637	17271	-	548	5730	-	132182

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(2,188)
b. INVENTORY TOTAL AS OF 30 SEP 1989	363,406
c. AUTHORIZATION NOT YET IN INVENTORY	53,696
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	29,800
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	34,700
f. PLANNED IN NEXT THREE PROGRAM YEARS	87,300
g. REMAINING DEFICIENCY	558,909
h. GRAND TOTAL	1,127,811

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	260	29,800	Turnkey	

9. Future Projects:

a.	Included in following program (FY93)	300
b.	Major planned next three years (FY95)	300
c.	Major planned next three years (FY96)	300

10. Mission or Major Functions: San Diego provides support for major fleet, fleet air, research and development and parallel support operations to a significant percentage of Navy and Marine Corps forces on the West Coast.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUBLIC WORKS CENTER SAN DIEGO, CA	FAMILY HOUSING

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	711	H-188	29,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	260	68,027	17,687
Buildings	SF	324,000	54.59	(17,687)
Community Center/Housing Office	SF	5,400		530
Supporting Costs:				8,562
Paving & Site Improvements				(3,856)
Utilities				(2,530)
Landscaping				(867)
Recreation				(173)
Special Construction Features				(177)
Demolition				(428)
Fire Sprinklers				(531)
Subtotal				26,779
Contingency (5%)				1,339
Total Contract Cost				28,118
Supervision, Inspection, & Overhead (6.0%)				1,687
Total Request				29,805
Total (Rounded)				29,800

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or pre-finished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities.

Grade	Bedroom	Net Area	Project Factor	Unit Cost	No. Units	($000) Total
JEM	3	1200	1.1141	$49.00	180	11,791
JEM	4	1350	1.1141	$49.00	80	5,896
					260	17,687

11. REQUIREMENT: 29,752 FA ADEQUATE: 7,555 FA SUBSTANDARD: 0 FA

Project: Construction of 260 adequate family housing units for enlisted personnel and a small minimum-sized combination Family Housing Office/ Community Support Facility for the management of this off-base stand alone family housing project. (Current Mission)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
PUBLIC WORKS CENTER
SAN DIEGO, CA

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING	H-188

PUBLIC WORKS CENTER, SAN DIEGO, CA. (continued)

Requirement: Adequate family housing is needed for married personnel.

Current Situation: The projected family housing deficit in San Diego is the largest in the Navy. The current inventory of 6,289 satisfies only 15% of the family housing requirement. Despite aggressive Housing Referral Service efforts to maximize the Navy's share of available suitable private assets, there is a huge waiting list for Navy housing of approximately 6,200 families who face waiting times ranging from 21 to 36 months. The most critical need is for two, three, and four bedroom units for junior enlisted families. Private sector construction of housing in San Diego county has decreased in the past year. Vacancy rates have decreased from 7% to 5.6%, and a substantial number of the rental assets are seasonal and high cost, and out of reach for most of our junior enlisted personnel. The average sale price of $164,000 is also beyond the reach of most enlisted and junior officer families. Cost continues to undermine the local community's ability to supply affordable housing to more Navy families.

Impact If Not Provided: Military members will be forced to choose between involuntary separation from their families or accepting housing that is unaffordable or unsuitable. Either choice will lead to dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to part II of Military Handbook 1190, "Facility Planning and Design Guide".

Necessary coordination with the school district is in progress.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (YYMMDD) 900831	2. FISCAL YEAR 1992	REPORT CONTROL SYMBOL DD-A&T(AR)1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
NAVY	a. NAME	b. LOCATION
5. DATA AS OF 31 JANUARY 1990	PWC SAN DIEGO	CALIFORNIA

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E5-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E5-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	14801	57252	36493	108546	9869	54985	37582	102446
7. PERMANENT PARTY PERSONNEL	9310	52397	21492	83199	8812	49525	21393	79730
8. GROSS FAMILY HOUSING REQUIREMENTS	6150	35026	4867	46043	5828	32300	4661	42789
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	1093	8717	2260	12070				
a. INVOLUNTARILY SEPARATED	55	897	537	1489				
b. UNACCEPTABLY HOUSED–MILITARY ASSETS	0	0	0	0				
c. UNACCEPTABLY HOUSED–COMMUNITY ASSETS	1038	7820	1723	10581				
10. VOLUNTARY SEPARATIONS	154	2767	841	3762	146	2548	805	3499
11. EFFECTIVE HOUSING REQUIREMENTS	5996	32259	4026	42281	5682	29752	3856	39290
12. ADEQUATE HOUSING (a+b)	4948	23732	1783	30463	5114	25585	1783	32482
a. UNDER MILITARY CONTROL	556	5733	0	6289	556	7348	0	7904
(1) Housed in Existing DOD Owned/Controlled	533	5560	0	6093	556	5733	0	6289
(2) Under Contract/Approved					0	1615	0	1615
(3) Vacant	23	173	0	196				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	4392	17999	1783	24174	4558	18217	1783	24558
(1) Acceptably Housed	4370	17982	1766	24118	4370	17982	1766	24118
(2) Vacant Rental Housing	22	17	17	56	188	235	17	440
13. EFFECTIVE HOUSING DEFICIT (11-12)	1048	8527	2243	11818	568	4167	2073	6808
14. PROPOSED PROJECT					0	260	0	260
15. TOTAL HOUSING ASSETS, INCLUDING PROPOSED PROJECTS, AS PERCENTAGE OF PROJECTED EFFECTIVE REQUIREMENTS	a. MILITARY				9.8%	25.8%	0.0%	20.8%
	b. ALL HOUSING				90.0%	86.8%	46.2%	83.3%

16. REMARKS

Block 4. The Naval Complex is centered in the city of San Diego. The Public Works Center provides support for major fleet, air, research and development, and parallel support operations to a significant portion of Navy and Marine Corps forces on the West Coast. It is a center of electronic, aircraft, and missile industries. Tourism and major truck and fruit farming also support the area. It is extremely popular as a place of residence for retired military personnel.

Block 14. The project satisfies 4.2% of the programming limit as determined by OSD guidance of 17 Aug 90 (90% of effective housing deficit).

Project Composition

260 Enlisted Units

180 3-bedroom JEM
80 4-bedroom JEM

260 Total Units

DD Form 1523, NOV 85

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTR. COST INDEX
COMMANDANT NAVAL DISTRICT OF WASHINGTON		1.05

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 90	8370	9144	32434	60	42	-	154	243	-	50447
b. END FY 19 95	8486	8883	32516	63	32	-	155	256	-	50391

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE (526)	
b. INVENTORY TOTAL AS OF 30 SEP 1989	56,358
c. AUTHORIZATION NOT YET IN INVENTORY	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	9,910
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f. PLANNED IN NEXT THREE PROGRAM YEARS	34,545
g. REMAINING DEFICIENCY	326,169
h. GRAND TOTAL	426,982

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing Demolition Bellevue Housing	61 ACRES	9,910		

9. Future Projects:

a.	Included in following program (FY93)	None
b.	Major planned next three years (FY94)	396 units

10. Mission or Major Functions: Provide personnel support and logistics for Naval Commands in the Washington area, including personnel, administrative, public works, supply, waterfront, and harbor services.

1. COMPONENT NAVY	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL DISTRICT WASHINGTON WASHINGTON, DC	DEMOLITION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	714-30	N-195	9,910

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
DEMOLITION OF SUB STANDARD HOUSING	LS			8,500
SUBTOTAL	-	-	-	8,500
CONTINGENCY (10%)	-	-	-	850
TOTAL CONTRACT COST	-	-	-	93502
SUPERVISION, INSPECTION & OVERHEAD 6.0%	-	-	-	561
TOTAL REQUEST	-	-	-	9,911
TOTAL REQUEST (ROUNDED)	-	-	-	9,910

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Demolition of 396 existing public quarters at Bellevue Housing Area is required to provide land for replacement construction of family housing. The demolition requires the removal of asbestos materials and inadequate infrastructure. This demolition facilitates a 61 acre parcel for future housing sites.

11. REQUIREMENT: 4,993 PA ADEQUATE: 147 SUBSTANDARD: 249

Project: Demolish 396 existing public quarters to provide land for the future construction of approximately 900 family housing units. The units will be provided through Public/Private Venture (P/PV) and Military Construction (MILCON).

Requirements: Land is needed to construct adequate family housing for military personnel.

Current Situation: There is an extreme shortage of affordable, suitable housing in the Washington, DC area for enlisted families. Efforts to provide suitable housing, either through P/PV or MILCON, have been hampered by a lack of affordable, accessible land. The existing housing is beyond economical repair.

1. COMPONENT NAVY	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL DISTRICT WASHINGTON WASHINGTON, DC		
4. PROJECT TITLE DEMOLITION		5. PROJECT NUMBER H-195

Impact If Not Provided: Land will not be available to provide suitable housing for military members. Members will be forced to choose between involuntary separations from their families or accepting housing that is unaffordable or unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Design efforts and procurement package will conform to Part II of Military Handbook 1190, "Facilities Planning and Design Guide" and the Federal Acquisition Regulation (FAR).

Necessary coordination with the local school district will be pursued when P/PV and MILCON are requested.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (FFMMDD) 900830	2. FISCAL YEAR 1992	REPORT CONTROL SYMBOL DD-A&L(AR)1716

3. DOD COMPONENT	4. REPORTING INSTALLATION	
NAVY	a. NAME	b. LOCATION
5. DATA AS OF 31 JANUARY 1990	NAVAL DISTRICT WASHINGTON	WASHINGTON, D.C.

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	8584	7522	1904	18010	8704	7408	1763	17875
7. PERMANENT PARTY PERSONNEL	8370	7346	1795	17511	8486	7247	1636	17369
8. GROSS FAMILY HOUSING REQUIREMENTS	6261	5364	462	12087	6490	5421	422	12333
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	2057	1978	256	4291				
a. INVOLUNTARILY SEPARATED	61	123	68	252				
b. UNACCEPTABLY HOUSED-MILITARY ASSETS	0	118	114	232				
c. UNACCEPTABLY HOUSED-COMMUNITY ASSETS	1996	1737	74	3807				
10. VOLUNTARY SEPARATIONS	219	424	64	707	227	428	58	713
11. EFFECTIVE HOUSING REQUIREMENTS	6042	4940	398	11380	6263	4993	364	11620
12. ADEQUATE HOUSING (a+b)	3992	2975	142	7109	4268	3591	142	8001
a. UNDER MILITARY CONTROL	168	628	0	796	444	1244	0	1688
(1) Housed in Existing DOD Owned/Controlled	161	615	0	776	168	506	0	674
(2) Under Contract/Approved					276	738	0	1014
(3) Vacant	7	13	0	20				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	3824	2347	142	6313	3824	2347	142	6313
(1) Acceptably Housed	3824	2347	142	6313	3824	2347	142	6313
(2) Vacant Rental Housing	0	0	0	0	0	0	0	0
13. EFFECTIVE HOUSING DEFICIT (11-12)	2050	1965	256	4271	1995	1402	222	3619
14. PROPOSED PROJECT					0	0	0	0
15. TOTAL HOUSING ASSETS, INCLUDING PROPOSED PROJECTS, AS PERCENTAGE OF PROJECTED EFFECTIVE REQUIREMENTS	a. MILITARY				7.1%	24.9%	0.0%	14.5%
	b. ALL HOUSING				68.1%	71.9%	39.0%	68.9%

16. REMARKS

Block 4. NDW maintains and operates facilities and provides personnnel and logistics support to permanent and transient military personnel within the National Capital Region. The area is metropolitan, with an estimated population of 3.5 million.

Block 12.a. 396 units at the Bellevue housing area are not reflected as future assets. An economic analysis has shown that it is cheaper to replace rather than repair the units, which is what this project proposes to do.

Block 12.b. Extremely low vacancy rates and the high prices of rental and for-sale homes have made availability on the economy very difficult, especially for our enlisted families.

Block 14. Project is to clear the land, including demolition of buildings, removal of hazardous material, and preparation of site for future replacement of 396 deteriorated family housing units located at Bellevue Housing Area.

DD Form 1523, NOV 85

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROGRAM
NAVY	

3. INSTALLATION AND LOCATION

NAVAL STATION
MAYPORT, FLORIDA

4. PERSONNEL STRENGTH	Permanent			Students			Dependents			Total No.
a. AS OF 31 JAN 90	1475	16163	737	13	180		75	550		18577
b. END FY 19 95	1309	13652	737	14	193		104	639		16448

7. INVENTORY DATA (000)

a. TOTAL ACREAGE	(3,108)	
b. INVENTORY TOTAL AS OF 30 SEP 1989		64,627
c. AUTHORIZATION NOT YET IN INVENTORY		0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		710
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		0
g. REMAINING DEFICIENCY		0
h. GRAND TOTAL		65,337

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	BEGIN CONSTRUCTION	COMPLETION
711	Family Housing Community Center	6.000 SF	710	9/90	12/90

9. Future Projects:

a. Included in following program — None
b. Major planned next three years — None

10. Mission or Major Functions: Mayport is homeport for five LAMPS MK III Helicopter Squadrons (SH 60-B helicopter) and one LAMPS MK I Helicopter Squadron. Deliveries of the SH-60 Helicopter began in 1985. Major units homeported at Mayport include two aircraft carriers, 28 cruisers, destroyers and frigates, one destroyer tender, three reserve ships, SIMA, and a fleet training center.

NAVY	FY 19__ MILITARY CONSTRUCTION PROJECT DATA	

3. INSTALLATION AND LOCATION NAVAL STATION MAYPORT, FL	4. PROJECT TITLE FAMILY HOUSING COMMUNITY CENTER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST CODE
	716-32	P-180	710

9. COST ESTIMATES

ITEM	UNIT	QUANTITY	UNIT COST	COST ($000)
Community Center	SF	6,000	84.33	507
Supporting Facilities	LS	-	-	127
Subtotal	-	-	-	634
Contingency (5%)	-	-	-	32
Total Contract Cost	-	-	-	666
Supervision, Inspection & Overhead (6%)	-	-	-	40
Total Request	-	-	-	706
Total Request (Rounded)	-	-	-	710

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a Community Center of approximately 6,000 square feet to support the military families assigned to NS Mayport, FL. Construction consists of site preparation, foundation, interior walls, heating, air conditioning, electrical, built-up roofing, plumbing, lighting, sidewalks and parking.

11. REQUIREMENT: This project is for the construction of a 6,000 square foot community center in the Ribault Bay Village family housing area which houses an estimated 1,400 military families. The building will also incorporate a satellite Housing Office. (Current Mission)

Current Situation: There is no adequate Community Center in the Ribault Bay Village housing area nor is there any available office space for the area project manager. Meeting places to support community social activities are limited and difficult to find.

Impact If Not Provided: The Ribault Bay Village family housing area will continue to lack facilities to support community social and recreational functions. Meeting places will remain difficult to find and, therefor, restrict communication to military families. Community and youth activities will be limited. The project manager will continue to conduct business from a pickup truck.

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

1 COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROGRAM	2 DATE
NAVY		

3 INSTALLATION AND LOCATION	4 COMMAND	5 AREA COST FACTOR COST INDEX
NAVAL AIR ENGINEERING CENTER LAKEHURST, NEW JERSEY		1.16

6 PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
a AS OF 31 JAN 90	79	526	2658	1	186	-	15	155	0	3620
b END FY 19 95	86	545	2656	1	186	-	15	155	-	3644

7. INVENTORY DATA	
a TOTAL ACREAGE (7,412)	
b INVENTORY TOTAL AS OF 30 SEP 1989	25,288
c AUTHORIZATION NOT YET IN INVENTORY	0
d AUTHORIZATION REQUESTED IN THIS PROGRAM	340
e AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
f PLANNED IN NEXT THREE PROGRAM YEARS	0
g REMAINING DEFICIENCY	0
h GRAND TOTAL	25,628

8. PROJECTS REQUESTED IN THIS PROGRAM

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	PROG STATUS STUDY	PROG STATUS COMPLETE
711	Family Housing Office	3,000 SF	340	9/90	12/90

9. Future Projects:

a. Included in following program — None
b. Major planned next three years — None

10. Mission or Major Functions: Conduct programs of research, engineering, development, development test, systems integration, limited production, procurement and fleet engineering support in aircraft launching, recovery aircraft landing systems, and ground support equipment for aircraft and airborne weapon systems.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR ENGINEERING CENTER LAKEHURST, NJ	FAMILY HOUSING OFFICE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	714-30	H-184	340

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Housing Office	SF	3,000	95.23	286
Supporting Facilities	LS	-	-	16
Subtotal	-	-	-	302
Contingency (5%)	-	-	-	15
Total Contract Cost	-	-	-	317
Supervision, Inspection & Overhead (6%)	-	-	-	19
Total Request	-	-	-	336
Total Request (Rounded)	-	-	-	340

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a single story 3,000 square foot Housing Office located at Naval Air Engineering Center, Lakehurst, New Jersey. The facility will require all utilities including air conditioning, a fire protection and detection system, parking, access road, sidewalks, landscaping and site lighting.

11. REQUIREMENT: Adequate facility to provide professional housing services to the military families assigned to NAEC Lakehurst, NJ. (Current Mission)

Current Situation: The present family housing office is located on the second story of an administrative office building. Existing space does not meet criteria specified in the Military Handbook 1035. Current office is not conducive to management functions and does not provide adequate space for a professional environment.

Impact If Not Provided: Incoming military personnel and families will not be adequately served. Housing personnel will continue to work in a poor environment.

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

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3 INSTALLATION AND LOCATION	4. COMMAND	5 AREA CONSTR COST INDEX
NAVAL STATION GUANTANAMO BAY, CUBA		1.60

6 PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 90	196	2295	732	0	0	0	107	431	0	3761
b. END FY 19 95	208	2446	732	0	0	0	107	431	0	3924

7. INVENTORY DATA ($000)

a. TOTAL ACREAGE	(28,817)	
b. INVENTORY TOTAL AS OF 30 SEP 1989		183,615
c. AUTHORIZATION NOT YET IN INVENTORY		19,909
d. AUTHORIZATION REQUESTED IN THIS PROGRAM		38,400
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		0
f. PLANNED IN NEXT THREE PROGRAM YEARS		17,806
g. REMAINING DEFICIENCY		0
h. GRAND TOTAL		259,730

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	Family Housing	278	38,400	Turnkey	

9. Future Projects:

a. Included in following program (FY93) None
b. Major planned next three years (FY95) 133 units

10. Mission or Major Functions: Provide logistic support for the operating forces of the Navy, dependent activities and other commands as assigned.

1 COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION	4 PROJECT TITLE
NAVAL STATION GUANTANAMO BAY, CUBA	FAMILY HOUSING

5. PROGRAM ELEMENT	6. CATEGORY CODE	7 PROJECT NUMBER	8 PROJECT COST ($000)
	711	H-088	38,400

9. COST ESTIMATES

ITEM	UNIT	QUANTITY	UNIT COST	COST ($000)
Family Housing:	FA	278	83,820	23,302
Buildings	SF	291,344	79.98	(23,302)
Solar System	FA			(0)
Supporting Costs:				11,040
Paving & Site Improvements				(5,284)
Utilities				(3,355)
Landscaping				(699)
Recreation				(280)
Housing Office (2,410 sf)				(606)
Demolition				(350)
Fire Sprinklers				(466)
Subtotal				34,342
Contingency (5%)				1,717
Total Contract Cost				36,059
Supervision, Inspection, & Overhead (6.5%)				2,344
Total Request				38,403
Total (Rounded)				38,400

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or pre-finished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities.

Grade	Bedroom	Net Area.	Project Factor	Unit Cost	No. Units	($000) Total
JEM	2	950	1.5680	$51.00	194	14,738
JEM	3	1200	1.5680	$51.00	42	4,030
SEM	3	1350	1.5680	$51.00	42	4,534
					278	23,302

11. REQUIREMENT: 1,254 FA ADEQUATE: 964 FA SUBSTANDARD: 0 FA

Project: This project proposes to demolish 278 existing, severely deteriorated units and construct 278 replacement units. Included in the scope is the construction of a new housing office, in support of existing housing plus recently authorized new construction. The new office will allow centralized location of personnel support and facility management function. The new office will be located in the same vicinity as other administrative buildings. (Current Mission)

S/N 0102 LF 001 3910

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NAVAL STATION GUANTANAMO BAY, CUBA	FAMILY HOUSING

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING	H-088

NAVAL STATION, GUANTANAMO BAY, CUBA (continued)

Requirement: Adequate on-base family housing is needed for married personel at this remote overseas location.

Current Situation: The Naval Station, Guantanamo Bay, is the only military installation located in a communist country. As such, all personnel must live on-base. Dependent entry approval, contingent on the availability of government quarters, is required before a military member can be accompanied by dependents. The units to be demolished are in very poor condition; however, military members are accepting them rather than be separated from their families. Involuntary separations are detrimental to morale. Construction of replacement units will ensure the families live in safe, adequate quarters rather than accepting deteriorating units to keep from being separated.

Impact If Not Provided: Military members will be forced to choose between involuntary separation from their families or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

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

An economic analysis supports replacement in lieu of repairs to these units.

Bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new, or alteration of existing facilities for U.S. requirements shall be the responsibility of the U.S.

MILITARY FAMILY HOUSING JUSTIFICATION	1. DATE OF REPORT (FFMMDD) 900831	2. FISCAL YEAR 1992	REPORT CONTROL SYMBOL DD-A&L(AR)1718

3. DOD COMPONENT	4. REPORTING INSTALLATION	
NAVY	a. NAME	b. LOCATION
5. DATA AS OF 31 JANUARY 1990	NAVAL STATION GUANTANAMO BAY	CUBA

ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9-E4 (b)	E3-E1 (c)	TOTAL (d)	OFFICER (e)	E9-E4 (f)	E3-E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	550	2589	616	3735	562	2740	596	3898
7. PERMANENT PARTY PERSONNEL	418	1925	457	2800	430	2096	437	2963
8. GROSS FAMILY HOUSING REQUIREMENTS	313	1555	66	1934	321	1673	73	2067
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	11	185	4	200				
a. INVOLUNTARILY SEPARATED	11	185	4	200				
b. UNACCEPTABLY HOUSED-MILITARY ASSETS	0	0	0	0				
c. UNACCEPTABLY HOUSED-COMMUNITY ASSETS	0	0	0	0				
10. VOLUNTARY SEPARATIONS	39	402	62	503	36	419	69	524
11. EFFECTIVE HOUSING REQUIREMENTS	274	1153	4	1431	285	1254	4	1543
12. ADEQUATE HOUSING (a+b)	265	971	0	1236	265	964	0	1229
a. UNDER MILITARY CONTROL	265	971	0	1236	265	964	0	1229
(1) Housed in Existing DOD Owned/Controlled	263	968	0	1231	265	710	0	975
(2) Under Contract/Approved					0	254	0	254
(3) Vacant	2	3	0	5				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	0	0	0	0	0	0	0	0
(1) Acceptably Housed	0	0	0	0	0	0	0	0
(2) Vacant Rental Housing	0	0	0	0	0	0	0	0
13. EFFECTIVE HOUSING DEFICIT (11-12)	9	182	4	195	20	290	4	314
14. PROPOSED PROJECT					0	278	0	278
15. TOTAL HOUSING ASSETS, INCLUDING PROPOSED PROJECTS, AS PERCENTAGE OF PROJECTED EFFECTIVE REQUIREMENTS	a. MILITARY				93.0%	99.0%	0.0%	97.7%
	b. ALL HOUSING				93.0%	99.0%	0.0%	97.7%

16. REMARKS

Line 4. The Naval Station, Guantanamo Bay, is strategically located on the Southeast tip of the island of Cuba. It it the only U.S. military base located in a communist country. U.S. personnel are not permitted to exit the confines of the base either to visit or reside in the private community. The base is totally self-sufficient, including the provision of utilities.

Line 12(a). Current assets do not include 17 inactivated units (due to condition) which are slated for disposal. The projected assets reflect the demolition of the remaining 261 units. A total of 278 units will be replaced which includes the of 17 units currently inactivated.

Line 14. The project satisfies 98.4% of the programming limit as determined by OSD guidance of 17 Aug 90 (90% of effective housing deficit).

Project Composition

278 Enlisted Units

194 2-bedroom JEM
42 3-bedroom JEM
42 3-bedroom SEM

278 Total

DD Form 1523, NOV 86

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1992 BUDGET ESTIMATE
CONSTRUCTION IMPROVEMENTS

(In Thousands)

FY 1992 Program $55,438
FY 1991 Program $42,420

Purpose and Scope

This program provides for alterations, additions, expansions, or extensions to existing public quarters which will materially increase the useful life and livability of the units improved at a minimum of capital investment; includes energy conservation investments which meet energy savings criteria.

Program Summary

Authorization is requested for:

(1) Various improvements to existing family housing; and

(2) Appropriation of $55,438,000 to fund these improvements.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE UNITED STATES	FAMILY HOUSING IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	711	VARIES	$55,438

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING - ALTERATIONS, ADDITIONS AND REHABILITATIONS	L/S	--	--	55,438
TOTAL REQUEST				55,438

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Alterations and modernization of kitchens and baths; improvements to heating and cooling systems; provision of storage and utility rooms; interior rearrangements; provision of additional bathrooms, closets and family room; provision of carports, patios, privacy screening and storage; provision of ceiling and wall insulation; provision of storm windows and doors; provision of landscaping, play areas.

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11. REQUIREMENT: The improvements will provide safe and decent living conditions for housing occupants, are considered significant in personnel retention and are consistent with good property management techniques.

IMPACT IF NOT PROVIDED: Units and supporting systems will continue to be used "as is" with increasing obsolescence and unnecessary high energy use.

S/N 0107 LF 001 3910

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	3. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
ALASKA	
NS Adak Improvements to 80 officer and enlisted units. Provides for vanities, tub enclosures, exhaust fans, GFI outlets, medicine cabinets, fire/life safety exit window in each master bedroom, energy efficient lighting throughout, weatherstripped exterior doors, setback clock thermostats, blown attic insulation, entry gutters and downspouts, partitioned/redesigned garage and laundry areas to provide secure storage area, additional off-street parking, sidewalks, garbage enclosures, and dumpster pads. Concurrent repairs of $3,103.5K.	4,136.2
CALIFORNIA	
MCB Camp Pendleton Provides a water filtering system which will service the 4,817 housing units and mobile home park with clear potable water for drinking and hygiene. Camp Pendleton provides their own domestic water supply. (See separate DD Form 1391)	2,775.0
NPGS Monterey Improvements to 278 officer units. Provides for additional parking spaces, covered parking spaces, and additional sidewalks. Concurrent repairs of $756.9K.	1,015.0
PMTC Point Mugu Improvements of 50 enlisted units. Provides for redesign of kitchens including new cabinets, countertops, sinks, range hoods, flooring and dishwashers, tub enclosures, GFI and ceiling fans, rain gutters and downspouts. Concurrent repairs of $3,348.0K (See separate DD Form 1391)	1,146.7

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
CBC Port Hueneme Improvements to 200 officer and enlisted units. Provides for GFI outlets, carpeting throughout except kitchens, baths and entry areas, redesigned kitchens including cabinets, countertops, sinks, range hoods, flooring, and dishwashers. Concurrent repairs of $1,984.5K.	2,785.0
PWC San Diego Improvements to 100 enlisted units. Provides for redesign of kitchens including cabinets, countertops, sinks, range hoods, flooring and dishwashers. Concurrent repairs of $2,352.0. (See separate DD Form 1391)	3,478.2
CONNECTICUT	
NSB New London Improvements to one officer unit. Provides for fan/light assemblies with controls in each bath, firomatic switches for boilers, GFI receptacles, additional receptacles, energy efficient light fixtures in kitchen, baths, rear exterior doors, wired smoke detectors, and switches for closet lights. Concurrent repairs of $39.2K.	4.4
NSB New London Improvements to one Flag unit. Provides for fan/light assemblies with controls in each bath, range hoods, laundry sinks, GFI receptacles, additional electrical receptacles, energy efficient light fixtures in kitchens, baths, light fixtures and switches in closets, and wired smoke detectors. Concurrent repairs of $122.7K. (See separate DD Form 1391)	10.1

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5 PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
NSB New London Improvements to 40 officer and enlisted units. Provides for bathroom exhaust/light fixtures, redesigned site with court yards, play areas and landscaping. Concurrent repairs of $2,332.1K. (See separate DD Form 1391)	279.0
NSB New London Improvements to 70 officer and enlisted units. Provides for redesigned site including additional parking, resident yards and common space, fan/light assemblies with controls in each bath, GFI receptacles, additional receptacles, energy efficient light fixtures in kitchen and baths, rear exterior doors, and wired smoke detectors. Concurrent repairs $3,393.2K. (See separate DD Form 1391)	202.7
NSB New London Improvements to one officer unit. Provides for fin tube baseboard convectors, water heaters, fan/light assemblies with control in each bath, dishwashers, firomatic switches for boilers, GFI receptacles, additional receptacles, energy efficient light fixtures in kitchen and baths, switches for closet lights, and wired smoke detectors. Concurrent repairs of $42.4K.	5.1
NSB New London Improvements to four Prototype units at Dolphin Gardens. Provides for silicocks, vestibules, firomatic switches for boilers, play areas, raised oil fillerpipes, dishwashers, GFI receptacles, additional electrical receptacles, additional electrical switches, hard wired smoke detectors energy efficient lighting, and conversion of four bedroom unit to two bedroom unit. Concurrent repairs of $89.1K.	20.3

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE ($000)
INSIDE THE UNITED STATES	
NSB New London Improvements to four officer units. Provides for fan/light assemblies with controls in each bath, range hood, GFI receptacles, additional electrical receptacles, and wired smoke detectors. Concurrent repairs of $328K. (See separate DD Form 1391)	[illegible]
NSB New London Improvements to one officer unit. Provides for fan/light assemblies with controls in each bath, firomatic switches for boilers, GFI receptacles, additional receptacles, and wired smoke detectors. Concurrent repairs of $80K. (See separate DD Form 1391)	[illegible]
NSB New London Improvements to four Prototype units at Polaris Park. Provides for fire rated wall in place of existing furnace room doors, new exterior doors, bathroom exhaust/light fixtures, ducted range hoods, dishwashers, GFI receptacles, and energy efficient light fixtures. Concurrent repairs of $44[illegible].2K. (See separate DD Form 1391)	[illegible]
FLORIDA	
NAS Cecil Field Improvements to 200 officer and enlisted units. Provides for security lighting in the Yellow Water complex.	209.8
NS Mayport Improvements to one Flag unit. Provides for enlargement of second bedroom to master bedroom, altered bath and closet, skylights and one car garage. (See separate DD Form 1391)	52.9

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5 PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
NAS Whiting Field Improvements to the Family Housing Office. Provides for the enlargement of the Housing Office to allow space for self help, central files, computer system, and counseling.	75.2
GEORGIA	
NSB Kings Bay Improvements to 413 officer and enlisted units. Provides for storm doors.	97.2
NSB Kings Bay Improvements to 199 officer and enlisted units. Provides for carport dividers.	91.1
ILLINOIS	
PWC Great Lakes Improvements to 1882 officer and enlisted unit site. Provides for upgrade of electrical distribution system, substation, switchgear, overhead and underground distribution, pole and pad mounted transformers, and service drops.	4,506.8
MARYLAND	
NSF Thurmont Improvements to 21 officer and enlisted units. Provides for crawl space/ductwork insulation, smoke detectors, central air conditioning, improved electrical distribution systems, kitchen reconfiguration to include installation of dishwashers and added cabinet space, relocate washer-dryer appliances, bathroom and bedroom reconfiguration. Concurrent repairs of $744.3K. (See separate DD Form 1391)	278.3

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	3. DATE
NAVY		

2. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
NEW JERSEY	
NWS Earle Improvements to 40 enlisted units. Provides for central air conditioning, additional site drainage, privacy fencing and a playground. Concurrent repairs of $1,544.0. (See separate DD Form 1391)	1,514.1
NWS Earle Improvements to three enlisted units. Provides for central air conditioning. Concurrent repairs of $144.1K. (See separate DD Form 1391)	52.2
NWS Earle Improvements to eight officer units. Provides for central air conditioning, range hoods, site lighting and privacy fencing. Concurrent repairs of $236.7K. (See separate DD Form 1391)	428.7
NWS Earle Improvements to six officer units. Provides for central air conditioning. Concurrent repairs of $284.4K. (See separate DD Form 1391)	116.9
NWS Earle Improvements to one officer unit. Provides for basement window covers and central air conditioning. Concurrent repairs of $10.2K.	26.4
NWS Earle Improvements to two officer units. Provides for basement window covers and central air conditioning. Concurrent repairs of $95K. (See separate DD Form 1391)	50.2

1. COMPONENT	FY 19 9 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
NWS Earle Improvements to five officer and enlisted units. Provides for central air conditioning and range hoods. Concurrent repairs of $216.1K. (See separate DD Form 1391)	120.1
NEW YORK	
NS Staten Island Site improvements to 28 officer and enlisted units. Provides for off street parking, sidewalks, landscaping, erosion control, and site lighting. Concurrent repairs of $255.9K.	58.9
NS Staten Island Improvements to 28 officer garages, 5 buildings. Provides for gutters, leaders and interior lighting for each bay. Concurrent repairs of $27.2K.	21.6
NORTH CAROLINA	
MCAS Cherry Point Improvements to 275 units. Project provides new concrete connecting walks between carport and garbage areas, insulation in laundry room additions, new washer/dryer connections, new deadbolt locks and viewports, roof canopies, additional electrical receptacles/lights and correct deficiencies in drainage and sanitary sewer systems. Includes an additional $10.3 of concurrent repairs. (See separate DD 1391.)	1,925.0
TENNESSEE	
NAS Memphis Improvements to 57 officer units. Provides for vinyl/aluminum siding, and gutters, downspouts, and splash blocks.	368.4

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
TEXAS	
NAS Corpus Christi Improvements to Family Housing Office. Provides for roof replacement, lowering ceiling tiles, partitions, paint locker, self-help storage, upgrade lighting, renovation of bathroom, kitchen area and parking lot. Concurrent repairs of 13.7K.	94.0
VIRGINIA	
PWC Norfolk Improvements to 114 enlisted units. Provides for storage sheds.	206.5
PWC Norfolk Improvements to two officer units. Provides for exhaust fans in baths.	4.7
PWC Norfolk Improvements to one Flag unit. Provides for exhaust fans in baths.	3.1
PWC Norfolk Improvements to one Flag and 32 officer units. Provides for insulation in attic and crawl space.	98.7
NSGA Northwest Improvements to 24 enlisted units. Provides for kitchen expansion including dishwashers, garbage disposals, ducted range hoods, 40-gallon electric water heaters, heat pumps, detached exterior storage sheds, attic ventilation, soffit vents and pressure relief valves in hot water piping mains. Concurrent repairs of $193.6K. (See separate DD Form 1391)	1,211.3

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
INSIDE THE UNITED STATES	
NAS Oceana Improvements to 600 officer and enlisted units. Provides for aluminum storm doors.	217.8
NAS Oceana Improvements to 25 officer units. Provides for fluorescent light fixtures and ducted range hoods.	18.0
NNSY Portsmouth Improvements to 26 officer units. Provides for bathroom vanities, lighted medicine cabinets, ducted bathroom exhaust fans, ducted range hoods, electric hot water heaters, fluorescent lighting and additional GFI receptacles. Concurrent repairs of $1,178.2K. (See separate DD Form 1391)	1,230.1

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
OUTSIDE THE UNITED STATES	
CUBA	
NS Guantanamo Bay Improvements to 82 enlisted units. Provides for garbage disposals, dishwashers, service/laundry rooms, additional bathroom, carport, and storage areas. Concurrent repairs of $4,898.5K. (See separate DD Form 1391)	7,260.3
ITALY	
NSA Naples Improvements to one Flag unit. Provides for kitchen exhaust fan, and air conditioning system in food serving room and dining room.	46.5
NAS Sigonella Improvements to 120 enlisted and officer units. Provides for air to air heat pumps, electric hot water heaters, energy efficient exterior doors, double-hung windows, and electrical system upgrades.	3,793.0
JAPAN	
NCS Japan Improvements to 70 officer and enlisted units. Provides for carports and storage sheds.	698.7
CFA Sasebo Improvements to 39 officer units. Provides for underground storm drains.	536.0
PWC Yokosuka Improvements to 341 officer and enlisted units. Provides for thermostatic valves.	1,999.8
PWC Yokosuka Improvements to 156 officer and enlisted units. Provides for attached exterior storage with trash enclosures. Phase I of II.	3,562.5

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS
INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING IMPROVEMENTS	

INSTALLATION/LOCATION/PROJECT DESCRIPTION	($000) CURRENT WORKING ESTIMATE
OUTSIDE THE UNITED STATES	
MARIANAS ISLAND	
PWC Guam Improvements to two officer units. Provides for wall and ceiling insulation, bathroom wainscot tile, non-slip finish for pavement/walkway, and fluorescent lights. Concurrent repairs of $402.8K. (See separate DD Form 1391)	60.7
PWC Guam Improvements to 65 enlisted units. Provides for additional half baths or second baths, carports with storage and trash enclosures, driveways, covered patio, gutters with downspouts, heat recovery units, solar film and fluorescent lights. Concurrent repairs of $3,334.6K. (See separate DD Form 1391)	3,855.0
PUERTO RICO	
NS Roosevelt Roads Improvements to 666 officer and enlisted units. Provides for bulk storage facilities and security locks.	3,329.4
NS Roosevelt Roads Improvements to one Flag unit. Provides for garage with storage area and driveway.	30.5
UNITED KINGDOM	
NSGA Edzell Improvements to 71 officer and enlisted units. Provides for renovations/modernization of kitchens, bathrooms, living rooms, and electrical system upgrades. Concurrent repairs of $831K.	1,274.7

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Marine Corps Base Camp Pendleton CA	Install Water Filters, All Base Housing

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
		PE-H-004-R2	$2,775.0

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Install Water Filters/Purification System	EA	4	654.5	2,618.0
SIOH (6 percent)				157.0
Total Request				2,775.0
(Cost per housing unit = $544.00 per unit)				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

DESCRIPTION: Install 300-1000gpm Iron Manganese filters (30' X 12' each). Hydrogen Sulfide Injector Chlorinator. 10' x 12' Block House for equipment control. 500,000 gallon tank for wash back earth work for treatment plant, piping for transportation of back wash to nearest sewer line for disposal. Install water filters with various pipes, filters, etc.

PROJECT: To provide clear water for drinking and domestic use for all housing (4,817 units) and mobile home units at Camp Pendleton.

REQUIREMENT: This project is required for health and safety reasons; and to provide water that can be used for domestic reasons and drinking.

CURRENT SITUATION: Camp Pendleton provides their own domestic water supply to the base. The ground water system is highly saturated with iron chemicals. Chlorine is added at the treatment plants. Iron chemicals change the water such that military families have resorted to buying water softener systems and bottled water for consumption using their personal funds. Health, safety and comfort hazards are currently the norm.

IMPACT IF NOT PROVIDED: If this project is not provided, the welfare of families is in jeopardy. The military members will continue to bear the cost of consumable water. Claims against the government for health and property will continue to occur.

1. COMPONENT	FY 19_92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAS POINT MUGU, CA	WHOLEHOUSE REPAIR/IMPROVEMENTS TO 50 FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC-2-89 PHASE I HR-10-89	$4,494.7

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	50	22.9	1,146.7
CONCURRENT REPAIRS AND MAINTENANCE	EA	50	67.0	3,348.0
	EA	50	89.9	4,494.7
TOTAL REQUEST				4,494.7
Area Cost Factor = 1.18				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses repairs and improvements to 50 Capehart family housing units. This is the first of six phases for a total of 553 family housing units. Improvements: provide needed storage in the utility room and decrease the potential damage due to leakage in the utility/kitchen area by relocating the hot water heater to the garage; relocate furnaces in 30 units to increase space in kitchens; redesign kitchens to provide a better working relationship between appliances, counters and cabinets; install dishwashers, additional cabinets and counter space; install an accordion door between the kitchen and utility rooms to improve circulation; install GFI'S in all bathrooms, kitchens, patios and garages; correct existing unsafe conditions (inadequate number of wall outlets) by adding outlets to those walls without outlets; install one water pressure regulator per house. Repairs: replace vinyl asbestos tile (VAT) and hardwood flooring as needed; remove asbestos in the tile and mastic; replace hot water heaters, replace existing aluminum windows; replace exterior doors, provide weatherstripping, reinstall sliding patio doors and replace screens; repair kitchens by replacing cabinets, counters, exhaust hoods and sinks (built-in ovens and countertop stoves will be removed and replaced with spaces for free standing stoves); remove and

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION
NAS POINT MUGU, CA

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

dispose of asbestos in wallboards and tapes in kitchens, bathrooms and utility rooms and install new gypsum walls and ceilings; replace incandescent light fixtures in the halls, corridors, baths, kitchens and utility rooms with energy saving fluorescent fixtures; replace existing fluorescent light fixtures containing PCB'S with new fluorescent fixtures; replace all battery operated smoke-detectors with new smoke detectors that are hardwired with battery backup; replace thermostats with energy efficient thermostats having timer controls; replace existing wiring and electrical outlets with new safe material; replace water and gas piping; replace damaged bathroom ceramic floor tile with new sheet vinyl flooring; remove water damaged wall tiles and install one-piece wall enclosures around showers and tubs; provide monolithic masonry shower pans where showers have damaged tile floors and drains; replace old and inadequate vanities, sinks toilets, medicine cabinets, and towel racks with new equipment; and replace ceiling heat fans (disconnected as a fire hazard) and damaged exhaust fans.

11. REQUIREMENTS:

REQUIREMENTS/CURRENT SITUATION: VAT is worn, pitted and mismatched (mastic also contains asbestos) and hardwood floors are stained and scratched. Existing aluminum windows exhibit leakage/condensation problems and are not energy efficient or helpful with noise nuisance (very active air station). Exterior/interior doors and hardware are in poor condition (exterior doors do not have deadbolts). Patio sliding glass doors cannot be secured. Screen doors are in poor condition. Garage doors are unwieldy, warped, damaged and can only be secured with padlocks. Kitchens are small, dark and, poorly designed with insufficient storage and counter space, and are without dishwashers. Swing door to utility area creates circulation problems. Utility area has insufficient storage. Hot water heaters are deteriorated due to the excessive high alkaline content of base water and are located in the utility room where leakage causes damage to both utility and kitchen floors. Bathrooms have chipped and cracked ceramic floors, walls and sink/counter area. Leakage has caused dry rot in floors and walls (some studs are water damaged). Ceiling heat fans were disconnected as a fire hazard (there is no other heat source in bathrooms) and exhaust fans are rusted and damaged. Existing vanities, medicine cabinets are old, damaged and have inadequate storage. Sinks and toilets are near the end of their useful life. Existing ungrounded wiring is original, brittle and damaged. Outlets are inadequate for occupant needs. Existing water pipes are

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION	
NAS POINT MUGU, CA	
4. PROJECT TITLE	**5 PROJECT NUMBER**
IMPROVEMENTS	

CURRENT SITUATION (cont.): corroded due to high alkaline content and do not have pressure relief valves. Drainage problems are common occurrences. There is asbestos in the wallboards and tapes in the kitchens, baths, and utility rooms (may become friable due to extensive repair work). There are PCB's in existing fluorescent fixtures. Smoke detectors are battery operated and located on the ceiling above corridor doorway, not installed immediately outside bedrooms. Thermostats have no timer controls. Interior/exterior walls are badly in need of minor repair caulking and painting. Attic has loose blown-in insulation that is blocking air flow at eave vents creating mildew problems. Some exterior wood posts, eaves, and sidings are dry rotted and have termites.

IMPACT IF NOT PROVIDED: Without required work, faulty wiring and plumbing will cause continued escalation of maintenance costs as well as posing potential hazardous situations for occupants. Kitchens that lack dishwashers and sufficient cabinetry, bathrooms that are unsanitary due to deterioration, leaking pipes, asbestos ladened floors and walls and PCB-filled lighting perpetuate occupant dissatisfaction. These units are less desirable than those in the surrounding community and will increase the complexity of management functions.

S/N 0102-LF-001 3010

1 COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PWC SAN DIEGO, CA	WHOLEHOUSE REPAIRS/IMPROVEMENTS TO 100 FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7 PROJECT NUMBER	8 PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-1-90	$ 5,830.2

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	100	34.8	3,478.2
CONCURRENT REPAIRS AND MAINTENANCE	EA	100	23.5	2,352.0
	EA	100	58.3	5,830.2
TOTAL REQUEST				5,830.2
Area Cost Factor = 1.18				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse repairs and improvements to 100 enlisted Chesterton Capehart units. Improvements: install dishwashers, vanities, exhaust fans, and stall shower enclosures. Repairs: replace countertops and kitchen casework, kitchen floors, kitchen sink, exhaust fan, disposals, lights receptacles, ovens and cooktops; patch/paint kitchens; replace bath lavatories and water closets, all bath accessories (e.g., towel b rs, soap dishes, etc), medicine cabinets; repair/reglaze ceramic tile; repair/replace bathtubs, interior plumbing components; replace all windows; and paint exterior as required.

11. REQUIREMENTS:

REQUIREMENTS/CURRENT SITUATION: Perform needed improvements while concurrently accomplishing repair tasks on these units. These units, built in 1960, still retain the majority of their original components. The kitchens are without dishwashers. Some baths are without vanities or exhaust fans. Stall showers require the installation of shower doors to prevent water damage. Kitchen countertops are chipped, scratched, marred, separating, and have burn spots. Cabinets are heavily worn and have a variety of problems ranging from water damage to separating backs and sides. The 30-year old flooring (VAT) shows the effect of three decades

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION
PWC SAN DIEGO, CA

4. PROJECT TITLE	5 PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENTS/CURRENT SITUATION (Cont.): of heavy traffic. Kitchen sinks are stained and chipped. Exhaust fans are loud, rusted, and no longer perform at the optimum level. It is more cost-effective to install new vice re-use present garbage disposals. Lights, to be removed during the course of rewiring, will be replaced with more energy efficient components. Receptacles are cracked and mismatched. The original kitchen appliances (surface range and wall ovens) have exceeded their useful life and are getting continually more difficult to maintain. Kitchens will need to be patched/painted as a result of construction work. Bathroom lavatories and water closets are in varying stages of disrepair and past the stage where their re-use is warranted. In most cases, the bath accessories are either bent, broken, or missing. Most medicine cabinets suffer for advanced stages of rusting. Ceramic tile is scratched, cracked, and in need of reglazing or replacement (as the situation warrants). Bathtubs are chipped, rusted, and beyond their useful life. The units still retain their original wiring which is inadequate for handling the requirements of today's families, and must be replaced prior to it becoming a safety hazard to the occupants. Interior plumbing, also original, will require sporatic repair/replacement to eliminate defective components. The aluminum slider windows are heavily pitted, have inadequate glazing, and allow water penetration around the frames. The exterior stucco will be repainted as a cyclical requirement.

IMPACT IF NOT PROVIDED: Deferral of these needed repairs will results in this work having to be accomplished at a later date, and at a greater cost. Thirty years of constant use cannot be camouflaged. Lack of adequate facilities has a demoralizing effect on the occupants. Accomplishment of the proposed work will result in units reflecting the standards in housing which the Navy is striving to provide military members and their families.

1. COMPONENT	FY 19_92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSB NEW LONDON, CT	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, FLAG UNIT QUARTERS "C"

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711-40	HC-6-90	$132.8

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	1	10.1	10.1
CONCURRENT REPAIRS AND MAINTENANCE	EA	1	122.7	122.7
	EA	1	132.8	132.8
TOTAL REQUEST				132.8
Area Cost Factor = 1.21				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse/site/utilities improvements and repairs to one Flag unit - Quarters "C". Improvements: provide fan/light assemblies with control in each bath, range hood, laundry sink, GFI receptacles, additional electrical receptacles, energy efficient light fixtures in kitchen, baths; light fixtures in closets that meet the NEC, wired smoke detectors, switches for closet lights. Repairs: remove asbestos; replace driveway, sidewalk, roof shingles; rebuild brick chimneys; replace VCT flooring in basement toilet room, windows in 3rd floor back bedroom, 50SF of plaster ceilings, garage roofing, boiler, water heater, bathroom fixtures, fuse panels on third floor electrical receptacles; repair termite damage at porch; and paint door and window trim.

11. REQUIREMENT:

REQUIREMENT: Existing bath fans are noisy, inefficient. Some baths do not have fans. Overhead lights are required for tub area. Range hood is too small. Laundry sinks are old. Electrical receptacles in kitchen, baths, basement, and garage are not GFI protected. The number of receptacles do not meet NEC requirements. Lighting fixtures are inefficient, painted over, and do not meet NEC requirements. Smoke detectors are battery operated and are contaminated. Closet lights do

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	3 DATE
NAVY		

3. INSTALLATION AND LOCATION
NSB NEW LONDON, CT

4. PROJECT TITLE	5 PROJECT NUMBER
IMPROVEMENTS	

not have switches, and the valance lighting has unsightly surface switches. The driveway is worn and cracked. Concrete sidewalk is uneven, cracked and hazardous. Asphalt shingle roof is over 20 years old and is deteriorated. Brick chimneys are losing mortar. Basement toilet room VCT flooring has delaminated. Third floor back bedroom sliding windows are ill fitting, not insulated and difficult to operate. Plaster walls and ceiling are cracked and loose. Paint build-up on door and window trim has caused alligator cracking. Garage roof has deteriorated and trim is cracked and rotted. Boiler is old and inefficient. Tankless water heater is old and inefficient. Bathroom fixtures are old and mismatched. Fuse panels on the third floor are outdated and one is buried in the shaftway. Electrical receptacles are painted over and broken. Porch structure has been damaged by termites.

CURRENT SITUATION: Windows are opened in the warm weather, in cold weather there is no ventilation in the baths. Existing range hood does not exhaust cooking odors. Laundry sink takes too much space. GFI protection is not available. Electric extension cords are being used. Energy wasting light fixtures are being used. Battery operated smoke detectors are being used. Closet lights are inconvenient and unsafe. The present condition of the driveway, sidewalks, roofing, chimneys, basement toilet room flooring, windows, plaster ceilings and walls, trim paint, garage roof, tubs, lavatories, waterclosets, are contributing to discontent of the occupants.

IMPACT IF NOT PROVIDED: Old and worn items will continue to wear and become an even more critical source of discontent with the occupants. Electrical code violations will continue to be a possible safety hazard. Energy will continue to be wasted. The cost to provide the necessary improvements and repairs will continue to escalate. Safety hazards (fire) will continue to exist.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSB NEW LONDON, CT	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 40 FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	H/RC-2-90	$2,611.1

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	40	7.0	279.0
CONCURRENT REPAIRS AND MAINTENANCE	EA	40	58.3	2,332.1
			65.3	2,611.1
TOTAL REQUEST				2,611.1
Area Cost Factor = 1.21				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse/site/utilities improvements and repairs to 40 officer and enlisted units. Improvements: install bathroom exhaust/light fixture, dishwashers, ducted range hoods, GFI electrical receptacles in kitchen, bath, and additional exterior electrical receptacles, energy efficient light fixtures in kitchens; redesign site with court yards, more contemporary play areas and improved landscaping. Repairs: remove asbestos from ceilings and floors; repair asphalt paving; replace concrete retaining walls, rusted shower rods with glass sliding doors, wired smoke detectors, windows, window wall panels, roofing, fascia, and soffits, gutters; repair brick and repoint; rehang laundry chute doors; replace exterior doors and weatherstripping, interior door hardware closet shelves and rod with mid span support kitchen cabinets and counter tops, fintube baseboard convectors, boiler, water heater, oil tank, water closet, lavatory, tub, kitchen sink, door bells and chimes; remove and reset existing metal interior door frames.

11. REQUIREMENT:

REQUIREMENT: Bathrooms are not vented, and there is no overhead light for the tub. Site is poorly utilized with a minimum of play areas and no yard space for the residents. Shower rod ends are rusting. Units do not have dishwashers. Kitchen range hood is ductless and the bearings are noisy.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION

NSB NEW LONDON, CT

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

Electrical receptacles do not meet the NEC requirements. Lighting fixtures are broken, painted, not secure, and inefficient. Smoke detectors are battery operated, and are in violation of present building code. Pavement is in poor condition with longitudinal and transverse cracks. Ten percent of the concrete retaining walls are cracked. Metal windows are not insulated and sashes are difficult to operate. Some sills are loose or missing. Metal lintels are rusting and spalling. Wood spandrel and colored panel in window wall are loose and cracking. Roofs are reaching the end of their life expectancy (20 years) and are starting to leak. Wood fascias are rotting and paint is peeling. Thirty percent of the metal gutters are dented or loose, and will sustain additional damage with the proposed new roofing. Ten percent of the brick facing is spalling and chipping, joints are loosing mortar. Exterior wood doors (units and mechanical rooms) are checked, cracked, and are delaminating. Weatherstripping is missing or damaged. Interior door hardware (locking type) have been rendered ineffective. Laundry chute doors are poorly aligned. Closet shelves and rods are sagging. Closet door frame headpieces have been dropped and are separated at joints. Kitchen cabinets and counter tops are delaminating, hardware is loose or missing, and the finish is worn. Baseboard fin tube convectors and covers are damaged and pieces of the covers are missing. Boilers are old, inefficient and leak. Tankless heater is inefficient. Metal oil tanks and inefficient boilers are reaching the end of their useful lives. Bathroom fixtures are old and mismatched. Kitchen sinks are old and outdated. Door bells are inoperative and painted over.

CURRENT SITUATION: Windows are opened in the warm weather, and in cold weather, there is no ventilation in the baths. Site is not being used to its full potential. Ductless range hoods are being used. GFI protection is not available. Electric extension cords are being used. Energy wasting light fixtures are being used. Battery operated detectors are being used. Cracked pavement and retaining walls are not being repaired. The present condition of the windows, doors, roofing, spalling brick, interior door hardware, closet shelves, closet doors, kitchen counters and cabinets, tubs, lavatories, waterclosets, baseboard convectors, boilers, and door bells, are contributing to discontent within the community of the On Station MCON units.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION

NSB NEW LONDON, CT

4. PROJECT TITLE	5 PROJECT NUMBER
IMPROVEMENTS	

IMPACT IF NOT PROVIDED: Deterioration of site items will continue at an increasing rate. Old and worn items will continue to wear and become an even more critical source of discontent with the occupants. Electrical code violations will continue to be a possible safety hazard. Energy will continue to be wasted. The cost to provide the necessary improvements and repairs will continue to escalate. Boilers will begin to fail. Safety hazards (fire) will continue to exist.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSB NEW LONDON, CT	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 70 FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-3-90	$3,595.9

9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	70	2.9	202.7
CONCURRENT REPAIRS AND MAINTENANCE	EA	70	48.5	3,393.2
	EA	70	51.4	3,595.9
TOTAL REQUEST				3,595.9
Area Cost Factor = 1.21				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse/site/utilities improvements and repairs to 70 of townhouses at "On-Station M-CON". Improvements: provide bathroom exhaust/light fixture; redesign site with court yards, more contemporary play areas and improved landscaping; install dishwashers, ducted range hoods, GFI electrical receptacles in kitchen, bath, and exterior, additional electrical receptacles, energy efficient light fixtures in kitchens, and wired smoke detectors. Repairs: remove asbestos from ceilings and floors; repair asphalt paving; replace concrete retaining walls and replace rusted shower rods with glass sliding doors, windows, window wall panels, roofing, fascia, soffits and gutters; repair brick and repoint; replace exterior doors and weatherstripping, interior door hardware; rehang laundry chute doors; replace closet shelves and rod with mid-span support; remove and reset existing metal interior door frames; replace kitchen cabinets and counter tops, fintube baseboard convectors, boiler, water heater, oil tank, water closet, lavatory, tub, kitchen sink, door buttons, and chimes.

11. REQUIREMENT:

REQUIREMENT: Bathrooms are not vented, and there is no overhead light for the tub. Site is poorly utilized with a minimum of play areas and no yard space for the residents. Shower rod ends

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NSB NEW LONDON, CT

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENTS (Cont.): are rusting. Units do not have dishwashers. Kitchen range hood is ductless and the bearings are noisy. Electrical receptacles do not meet the NEC requirements. Lighting fixtures are broken, painted, not secure,and inefficient. Smoke detectors are battery operated in violation of present code. Pavement is in poor condition with longitudinal and transverse cracks. Ten percent of the concrete retaining walls are cracked. Metal windows are non-insulated and sashes are difficult to operate. Some sills are loose or missing. The metal lintels are rusting and cracking. Wood spandrel and colored panel in window wall are loose and checking. Roofs are reaching the end of their life expectancy (20 years) and are starting to leak. Wood fascias are rotting and paint is peeling. Thirty percent of the metal gutters are dented or loose, and will sustain additional damage with the proposed new roofing. Ten percent of the brick facing is spalling and chipping, joints are loosing mortar. Exterior wood doors (units and mechanical rooms) are checked, cracked, and are delaminating. Weatherstripping is missing or damaged. Interior door hardware (locking type) have been rendered ineffective. Laundry chute doors are poorly aligned. Closet shelves and rods are sagging. Closet door frame headpieces have been dropped and separated at joints. Kitchen cabinets and counter tops are delaminating. Hardware is loose or missing, and the finish is worn. Baseboard fin tube convectors and covers are damaged and some pieces of the covers are missing. The existing old, energy wasting boiler is being used, but is near the end of its useful life. Tankless heater is inefficient. Metal oil tank is reaching the end of useful life. Bathroom fixtures are old and mismatched. Kitchen sink is old and outdated. Door bells are inoperative and painted over.

CURRENT SITUATION: Windows are opened in the warm weather. In cold weather, there is no ventilation in the baths. Site is not being used to its full potential. Ductless range hoods are being used. GFI protection is not available. Electric extension cords are being used. Energy wasting light fixtures are being used. Battery operated detectors are being used. Cracked pavement and retaining walls are not being repaired. The present condition of the windows, doors, roofing, spalling brick, interior door hardware, closet shelves, closet doors, kitchen counters and cabinets, tubs, lavatories, waterclosets, baseboard convectors, boilers, and door bells, are contributing to discontent within the community of the On Station MCON units.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION	
NSB NEW LONDON, CT	
4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

IMPACT IF NOT PROVIDED: Deterioration of site items will continue at an increasing rate. Old and worn items will continue to wear and become an even more critical source of discontent with the occupants. Electrical code violations will continue to be a possible safety hazard. Energy will continue to be wasted. The cost to provide the necessary improvements and repairs will continue to escalate. boilers will begin to fail. Safety hazards (fire) will continue to exist.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSB NEW LONDON, CT	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 4 FGO UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC-7-90	$355.6

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	4	6.9	27.6
CONCURRENT REPAIRS AND MAINTENANCE	EA	4	82.0	328.0
	EA	4	88.9	355.6
TOTAL REQUEST				355.6
Area Cost Factor = 1.21				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse/site/utilities improvements and repairs to On-Station Quarters, FGO Cavalla Court four units officer housing. Improvements: provide fan/light assemblies with control in each bath, range hood, GFI receptacles, additional electrical receptacles, energy efficient light fixtures in kitchen and baths, light fixtures in closets that meet the NEC, wired smoke detectors, and switches for closet lights. Repairs: re-adjust manhole covers to grade; resurface roadway aprons; replace concrete curb, 120SY of concrete walks, two catch basin grates, carports roofs with pitched roofs, storage roof, windows; add support mullions to double windows; replace fintube convectors, boiler, oil tank, bathroom fixtures, electric service cable and conduit, electric panelboard, door bells.

11. REQUIREMENT:

REQUIREMENT: Existing bath fans are noisy, and inefficient. Some baths do not have fans. Overhead lights are required for tub area. Kitchens do not have range hoods. Electrical receptacles in kitchen, baths, and garage are not GFI protected. Number of receptacles do not meet NEC requirements. Lighting fixtures are inefficient. Smoke detectors are battery operated and are contaminated. Closet lights do not have.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NSB NEW LONDON, CT

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

Roadway is cracking around sinking manholes. Roadway surface has transverse and alligator cracking over 50% of its surface. Concrete curbs are chipped, cracked and misaligned. Driveway apron is cracked. Ten percent of the concrete sidewalks are cracked and broken. Twenty five percent of the catch basins grates are bent. Carport flat roofs are leaking, trim is rotting, soffit paint is peeling and are not vented. Patio and storage roofs are in conflict which causes leaks and potential rotting. Wood windows are single pane non-energy efficient type with peeling paint. Wood headers above windows are deflecting, causing the wood trim to split. Baseboard radiators are bent, dented and missing pieces. Boiler is old and inefficient. Metal oil tank is reaching the end of its expected life. Bathroom fixtures are old and mismatched. Electric service cable and conduit are in poor condition. Height of service over the porch roof does not meet NEC requirements. Electric panelboard is in poor condition. Door bells are deteriorated and inoperative.

CURRENT SITUATION: Windows are opened in the warm weather. In cold weather, there is no ventilation in the baths. There is no range hood. GFI protection is not available. Electric extension cords are being used. Energy wasting light fixtures are being used. Battery operated detectors are being used. Closet lights are inconvenient and unsafe. Site paving and walks are deteriorating rapidly and will soon be unsafe. Carport and shed roof are in need of repairs to prevent complete failure and further water damage. The present condition of the driveway, sidewalks, windows, garage roof, tubs, lavatories, watercloseats, and door bells, are contributing to discontent of the occupants.

IMPACT IF NOT PROVIDED: Old and worn items will continue to wear and become an even more critical source of discontent with the occupants. Electrical code violations will continue to be a possible safety hazard. Energy will continue to be wasted. The cost to provide the necessary improvements and repairs will continue to escalate. Safety hazards (fire) will continue to exist.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSB NEW LONDON, CT	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, QUARTERS "A"

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-4-90	$ 89.7

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	1	9.7	9.7
CONCURRENT REPAIRS AND MAINTENANCE	EA	1	80.0	80.0
	EA	1	89.7	89.7
TOTAL REQUEST				89.7
Area Cost Factor = 1.21				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse/site improvements and repairs to On-Station Quarters "A". Improvements: install fan/light assemblies with control in each bath; firomatic switches for boiler; GFI receptacles; additional receptacles; energy efficient light fixtures in kitchen, baths, and rear exterior doors; wired smoke detectors; switches for closet lights. Repairs: remove 600SF of asbestos ceiling; replace windows in sunporch; replace dining room and kitchen exterior doors; remove 825SF of plaster walls; replace fin tube convectors, water circulators, flue pipe, oil tank, bathtub, lavatories, watercloset; replace wall outlets and plates.

11. REQUIREMENT:

REQUIREMENT: Bathrooms are not vented, and no overhead light for tub. Fireomatic switches are required on boilers by NFPA. Electrical receptacles do not meet the NEC requirements. Lighting fixtures are broken, painted, not secure, and inefficient. Smoke detectors are battery operated, in violation of present code. Switches for closet lights are on pull chains, which are inconvenient. Removal of asbestos is needed (30% of the ceilings are cracked or improperly repaired). Jalousie windows in sunporch entertainment area are energy wasters and unsightly. Wooden dining and kitchen exterior do[illegible] and thresholds are warped. Twenty

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NSB NEW LONDON, CT	
4. PROJECT TITLE	**5. PROJECT NUMBER**
IMPROVEMENTS	

percent of the plaster walls are cracked. Baseboard convectors are dented and have missing parts. Old style circulators have oil and water leaks. Flue pipe is rusted in places. Metal oil tank is reaching the end of its expected life. Bathroom fixtures are old and mismatched. Wall outlets are painted and broken.

CURRENT SITUATION: Windows are opened in the warm weather, in cold weather their is no ventilation in the baths. Boilers are not being properly protected without firomatic switches. GFI protection is not available. Electric extension cords are being used. Energy wasting light fixtures are being used. Battery operated detectors are being used. Stone wall is unsightly. Cracked ceilings and walls, jalousie windows on the sunporch, dining and kitchen doors, baseboard convectors, bathroom fixtures, and wall outlets are all contributing to the discontent of the occupant.

IMPACT IF NOT PROVIDED: Deterioration of site items will continue at an increasing rate. Old and worn items will continue to wear and become an even more critical source of discontent with the occupants. Electrical code violations will continue to be a possible safety hazard. Energy will continue to be wasted. The cost to provide the necessary improvements and repairs will continue to escalate. Safety hazards (fire) will continue to exist.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSB NEW LONDON, CT	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, FOUR "PROTOTYPE" UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC-4-87(R)	$685.1

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	4	4.5	17.9
CONCURRENT REPAIRS AND MAINTENANCE	EA	4	166.8	667.2
	EA	4	171.3	685.1
TOTAL REQUEST				685.1
Area Cost Factor = 1.21				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse improvements and repairs to one building of four enlisted units at Polaris Park. This will serve as a "Prototype" of work proposed for the FY 1991 Repair and Maintenance program at this site. The site work proposed in the FY 91 program is not included in this project. Improvements: provide fire rated wall in place of existing furnace room door and new exterior door to replace interior door; bathroom exhaust/light fixture; ducted range hoods; dishwashers; GFI receptacles in kitchen, baths, basement and exterior; additional receptacles; energy efficient light fixtures in kitchen and bath; wired smoke detectors; Repairs: asbestos removal from ceiling and floors, replace foundation coping; replace siding and trim; replace garage ceilings, windows and sliding glass doors, roofing, 660 SF of drywall, exterior doors, closet shelves, vinyl base, closet doors, kitchen cabinets and counters; replace furnaces, heat registers, metal chimneys, oil tanks, tubs, lavatories and water closets; replace electrical wall receptacles, door bells; weather proof existing electrical panels.

II. REQUIREMENT:

REQUIREMENT: Access to furnace room is from an interior door. This is very inconvenient for maintenance. Bathrooms are not vented, walls sweat, and there is no overhead lighting for shower area. The existing kitchen range hood fans are noisy and not vented.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION

NSB NEW LONDON, CT

4. PROJECT TITLE	5 PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENTS (Cont.): Units do not have dishwashers. GFI receptacles are required by NEC. Additional receptacles are required by the NEC. Lighting fixtures are broken, not secure, and inefficient at kitchens and baths. Smoke detectors are required by code to be wired. Parking is inadequate. Ceilings are sprayed with acoustic asbestos-containing plaster and floor tile contains asbestos. Siding, doors and roofs are rotting. Finish is delaminating and doors are cracked and insecure. Mailboxes are poorly supported and distributed. Metal foundation coping is rusting. Vinyl coated trim is peeling and the substrate is rotting. The exterior siding is blistering over 20% of its surface. Siding is also providing structural support for the exterior walls. Garage fire rated ceilings are sagging, holed or missing. Metal windows and the sliding glass doors are non-thermal. The seal on the thermal glass door is broken. They are wasting energy and unsightly. Roofs are 15 years old and reaching the end of their useful life, the sheathing is sagging between rafters. Dry walls are cracking and showing nail pops over 20% of the interior surfaces. Exterior metal doors are rusted, dented and the mail slots are poorly fixed and wasting energy. Closet shelves are warped from overloading. Vinyl base is old, chipped and delaminating. Metal closet doors are bent and cracked. Kitchen cabinets and counter tops are delaminating, hardware is loose or missing, finish is worn. Cabinets were constructed with very inexpensive materials. Some units have a hazardous condition where the range is too close to window curtains. Furnace is old and inefficient. Heat registers are rusty and bent. Metal chimney is in poor condition. Metal oil tanks are reaching end of expected life. Bathroom fixtures are old and mismatched. Wall outlets are broken and painted over. Door bells are inoperative. Weatherproofed electrical distribution panels are rusting and leaking, circuit breakers and cable connections are loose.

CURRENT SITUATION: Maintenance personnel must enter the unit to service the furnace. Often this is difficult to coordinate with the occupant and the housing office. Baths are not properly vented or lighted. Ductless range hoods are being used. GFI protection is not available. Electric extension cords are being used. Energy wasting light fixtures are being used. Door bells do not work. Battery operated smoke detectors are being used. The present condition of the foundation coping, siding and trim, garage ceilings, windows, doors, roofing, drywall, closet

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NSB NEW LONDON, CT

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

shelves, vinyl base, closet doors, kitchen counters and cabinets, tubs, lavatories, and watercloseets, are contributing to discontentment within the community of Polaris Park.

IMPACT IF NOT PROVIDED: Old and worn items will continue to wear and become an even more critical source of discontent with the occupants. Electrical code violations will continue to be a possible safety hazard. Energy will continue to be wasted. The cost to provide the necessary improvements and repairs will continue to escalate. Furnaces will begin to fail. Safety hazards (fire) will continue to exist.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NS MAYPORT, FL	ALTERATIONS TO QUARTERS 212 ONE FLAG UNIT

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-1-86 (Rev 2)	$ 52.9

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	1	52.9	52.9
TOTAL REQUEST				52.9
Area Cost Factor = .90				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses improvements to one Flag unit. Improvements: enlarge the #2 bedroom to be used as the new master bedroom; alter the bath and closet space to be included in the master bedroom; install sky lights in the living room; and add a one car garage and screen porch.

11. REQUIREMENT:

REQUIREMENT: The project is essential to enlarge the size of bedroom #2 to serve as master bedroom and alter existing bathroom of Flag Quarters 547. Add a one car garage, and screen porch. A larger master bedroom is required to provide space for a full set of medium sized furniture. Alteration of the proposed master bathroom is required to provide a more functional arrangement in conjunction with the bedroom addition.

CURRENT SITUATION: The existing size of the master bedroom is inadequate to accommodate a complete bedroom suite. The bathroom serving the proposed master bedroom is antiquated and separated from the bedroom.

IMPACT IF NOT PROVIDED: Flag officer will have to continue to use obsolete, poorly designed quarters. Additionally, due to the small size of the master bedroom, furniture will continue to be put into storage at government expense.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSF THURMONT, MD	WHOLEHOUSE IMPROVEMENTS/REPAIRS TO 21 OFFICERS/ENLISTED UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-2-87	$1,022.6

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	21	13.3	278.3
CONCURRENT REPAIRS AND MAINTENANCE	EA	21	35.4	744.3
			48.7	1,022.6
TOTAL REQUEST				1,022.6
Area Cost Factor = .95				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

The project encompasses wholehouse repairs and improvements to 21 officer and senior enlisted units. Improvements: provide crawlspace insulation in five units, ductwork insulation, reconfigured kitchens, dishwashers; add kitchen cabinets; update electrical distribution systems; add circuits, hard wired smoke detectors, central air conditioning systems; relocate washer-dryers appliances from kitchen area; and reconfigure Quarters A to accommodate an added bedroom. Repair: replace kitchen and bathroom floors, bathroom tubs, water closets, sinks, vanities and wall tile, exterior doors,hardware and frames, windows, kitchen cabinets, furnaces and ductwork insulation, electrical system; and repair roadway.

11. REQUIREMENTS:

REQUIREMENTS/CURRENT SITUATION: The units were built in the 1960's. There is no insulation in the crawl-space area of five units, and cold damp air permeates the units during the winter months. Kitchens are twenty-eight years old, lack proper modern-day appliances, washer/dryer appliances are located in open area in kitchen, occupying needed kitchen space and should be relocated in another area to reduce noise levels during meal preparation. Units have insufficient storage space. Kitchens lack

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NSF THURMONT, MD

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENTS/CURRENT SITUATION (Cont.): dishwashers and have an insufficient number of properly grounded electrical receptacles in the kitchen. The electrical systems are being over-loaded due to lack of adequate circuitry. Smoke detectors are battery operated. Heating systems are original oil fired furnaces, and do no have A/C systems. The furnaces require an extensive amount of maintenance. The units are very uncomfortable during the summer months due to the lack of A/C. Quarters A, converted a small room into a 3rd bedroom, and does not have closet space. Kitchen and bathroom subfloor, floors and bath wall tile are deteriorated, marred and have reached the end of their economic life. Bathroom tubs, water closets, sinks and vanities are old and deteriorated, with finishes discolored and hard to clean. Exterior doors are not weather-tight, and the sills not level. The frames are racked, and the hardware has deteriorated. Window sash and frames have also deteriorated. The sash cords broken. The window panes are single glaze and leak air. They fit poorly and are difficult to open or close and waste energy. The kitchen cabinets are old, and have been painted numerous, times making the doors difficult to open or close. Furnaces are antiquated and inefficient, requiring extensive maintenance to keep operational. The current electrical system has a 60 amp capacity panel, and there is an inadequate breakdown of circuits throughout the units. Wiring needs to be replaced in order to properly split out branch circuits. The DM-35 requires 150 amp minimum with an air conditioning system. Roadway surface is cracked and settled, base course has failed, caused added inconvenience to occupants.

IMPACT IF NOT PROVIDED: Deterioration of the site items will continue. Units will continue to waste energy, and have excessive maintenance costs. Safety will be compromised with the extensive use of electrical extension cords. If the new furnaces are not provided, we the opportunity to save energy and reduce operational costs will be eliminated. Occupants will continue to live in unsatisfactory units and habitability problems will lower occupant's morale.

1 COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION	4 PROJECT TITLE
NWS EARLE, NJ	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 40 FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6 CATEGORY CODE	7 PROJECT NUMBER	8 PROJECT COST ($000)
IMPROVEMENTS	711	NC/R-1-89	$3,058.1

9 COST ESTIMATES

ITEM	UNIT	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	40	37.9	1,514.1
CONCURRENT REPAIRS AND MAINTENANCE	EA	40	38.6	1,544.0
	EA	40	76.5	3,058.1
TOTAL REQUEST				3,058.1
Area Cost Factor = 1.17				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will improve housing facilities for Navy families through improvements and repairs to 40 Capehart enlisted housing units in 20 duplex buildings. Improvements: install central air-conditioning; upgrade electric service, individual electrical boxes, and ground fault receptacles; renovate carport/storage structures as garage/storage/laundry facilities; install sliding patio doors, site drainage, rear yard privacy fencing, and an adolescent playground area. Repairs: replacement of windows, wood siding, VCT floors, bathroom tile floors and tubs, kitchen cabinets, baseboard covers; and repair ground floor slab and closet door guides.

11. REQUIREMENTS:

REQUIREMENTS/CURRENT SITUATION: This project involves the addition of central air-conditioning, sliding patio doors, additional site drainage, privacy fencing and an adolescent playground area; upgrading of electric service; provision of individual electrical boxes and ground fault receptacles; reconstruction of the carport/storage structures as garage/storage/laundry facilities; replace windows, wood siding, VCT floors, bathroom tile floors and tubs, kitchen cabinets, baseboard covers; repair floor slab, closet door guides to all enlisted quarters. The quarters do not have central air conditioning systems and occupants have installed window units, which are inefficient. Dedicated circuits have

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NWS EARLE, NJ

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENTS/CURRENT SITUATION (Cont.): not been provided and occupants can overload circuits. This area is extremely uncomfortable in the summer months, due to high humidity. Current electric service is not sufficient to support required A/C system. Estimated increase of demand load is 25%. Existing kitchen, bathroom and outdoor receptacles are ground type. Kitchen does not have adequate number of receptacles. Existing ground floor smoke detectors are battery operated. Carports are deteriorated requiring frequent maintenance and repainting. The intersection the carport roof and house wall presents a leak potential. Open carports do not adequately protect vehicles, carports that have been closed in are unattractive, block view from kitchen windows, require an even higher level of maintenance and repainting, and still do not provide protection of vehicles. Because of topography, landscaping and subsurface conditions, splash blocks are inadequate to protect houses from storm run-off water. Rear yards of individual units are not clearly and uniformly defined, many lack fencing and those that are fenced have outdated wood pickets. There is no central recreational area for this housing complex. Planned facilities for older children will be too distant from the children's homes. Original windows provide poor thermal protection, are outdated, deteriorated and difficult to operate. Configuration at entry doors (existing and proposed) prevents or impedes moving large pieces of furniture into the houses. The exteriors of 3-bedroom duplex units is clad with two materials, the second story front are vinyl siding, as are the other three sides of the buildings. The ground floor under the "garrison" projection is clad with vertical wood siding. The wood siding is deteriorated and the vinyl is poorly attached in some locations. Original VAT floors are aging, brittle and cracked and tiles asbestos. In houses experiencing slab settlement, VAT has cracked and chipped on edge of foundation wall. Floor slabs have settled in many houses, due to poor compaction and/or inadequate design for subsurface conditions. In the most extreme cases, the floor has pulled away from stud partitions leaving a gap as much as one inch. Wall tiles in bathrooms have deteriorated joints, especially at corners, at juncture with fixtures and surrounding fittings. Bath tubs are all original equipment, and finish is worn and chipped. Kitchen cabinets are of low quality, particularly the drawers whose plastic bodies are brittle and short-lived. Some overhead doors are broken. Generally, cabinets are not sturdy enough for occupant's use. Kitchens have insufficient space for both kitchen and laundry functions. No dedicated space is provided for laundry machines, folding or staging areas. Covers for base board fin tubes are deteriorated and damaged, especially in bathrooms and by front doors. Sliding closet doors have chronic problems such as jumping tracks, and open and close with difficulty.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NWS EARLE, NJ	
4. PROJECT TITLE	**5. PROJECT NUMBER**
IMPROVEMENTS	

IMPACT IF NOT PROVIDED: The proposed improvements will increase the quality of life for occupants and the proposed repairs will extend the useful life of the units and site. If not implemented, the units will require increasing amounts of maintenance and eventually some systems will fail. In some cases, safety problems will increase to the point of being serious violations of sound building practices. There is a potential danger to families if electrical systems are not upgraded to handle the modern appliances demand load. Occupants will continue to live in unsatisfactory units; roofs, wooden siding, windows, interior and exterior finishes will continue to deteriorate. Kitchen/laundry area will remain cluttered due to lack of proper storage space and carports will be used as a storage area. Deterioration of remaining household items will continue at an increasing rate and remain a source of discontent with the occupants.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NWS EARLE, NJ	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 3 ENLISTED UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-2-89	$196.3

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	3	17.4	52.2
CONCURRENT REPAIRS AND MAINTENANCE	EA	3	48.0	144.1
	EA	3	65.4	196.3
TOTAL REQUEST				196.3
Area Cost Factor = 1.17				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses improvements and repairs to three Capehart enlisted housing units in one triplex building. Improvements: install central air-conditioning; upgrade electrical service; provide ground fault receptacles and hard-wired smoke detectors. Repairs: replacement of exterior siding, windows, shingle roof, rear yard fencing, furnaces, boilers and associated piping.

11. REQUIREMENT:

REQUIREMENT/CURRENT SITUATION: This project involves the addition of central air-conditioning; replacement of exterior siding, windows, shingle roof, rear yard fencing, gas-fired furnaces, boilers and associated piping; upgrading electric service and providing individual electrical boxes and ground fault receptacles and hard wired smoke detectors to enlisted quarters. Quarters do not have central air-conditioning system and occupants have installed window units, which are inefficient. Dedicated circuits have not been provided and occupants can overload circuits. This locality is extremely uncomfortable in the summer months due to its high humidity. Current electric service is not sufficient to support required air conditioning system. The estimated load increase is 40 percent. Electrical receptacles in wet areas are not GFI.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NWS EARLE, NJ	

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENT/CURRENT SITUATION (Cont.): Smoke detectors are not hard-wired. Building is sheathed in asbestos cement siding which could be a morale problem. It may pose a health hazard, and is unattractive. Quarters have the original wood windows with aluminum storms. Windows are not weathertight and are difficult to operate. Paint and glazing are deteriorated. Asphalt shingle roof is deteriorated. Shingles may contain asbestos. Wood fencing in rear yards is deteriorated and not uniform. Existing oil fired furnace-boiler is outdated, inefficient and unprotected. The above-ground fuel tank is in poor condition.

IMPACT IF NOT PROVIDED: The proposed improvements will increase the quality of life for occupants and the proposed repairs will extend the useful life of the units and site. If not implemented, the units will require increasing amounts of maintenance and eventually some systems will fail. In some cases safety problems will increase to the point of being serious violations of sound building practices. There is a potential danger to families if electrical systems are not upgraded to handle the modern appliances demand load. Occupants will continue to live in unsatisfactory units. Roofs, cement asbestos siding, windows, fencing and exterior finishes will continue to deteriorate. If furnaces are not provided, the opportunity to save energy and reduce maintenance costs will be eliminated. Deterioration of remaining household items will continue at an increasing rate and cause discontent among the occupants.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NWS EARLE, NJ	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 8 OFFICER UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-3-89	$665.4

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	8	53.6	428.7
CONCURRENT REPAIRS AND MAINTENANCE	EA	8	29.6	236.7
	EA	8	83.2	665.4
TOTAL REQUEST				665.4
Area Cost Factor = 1.17				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will provide wholehouse improvements and repairs to 8 officer units in six buildings, 4 ranch style and 2 duplex style quarters. Improvements: install central air-conditioning, range hood, site lighting and privacy fencing, carport/storage area, twin dining room windows with sliding patio doors, upgrade of electrical service and provision of ground fault receptacles . Repairs: replacement of windows, exterior siding, VAT floors, ground floor powder-room floor.

11. REQUIREMENT:

REQUIREMENT/CURRENT SITUATION: This project involves the addition central air-conditioning system, range hood, site lighting and privacy fencing; replacing windows, exterior siding, VAT floors, ground floor powder-room floor, carport/storage area, twin dining room windows with sliding patio doors; upgrading electrical service; and providing GFI receptacles and hard-wired smoke detectors. These quarters do not have air-conditioning systems and occupants have installed window units, which are inefficient. Dedicated circuits have not been provided and occupants can overload circuits. This area is extremely uncomfortable in the summer months because of its high humidity. Exhaust fan over kitchen stove Quarters 605

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION
NWS EARLE, NJ

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENT/CURRENT SITUATION (Cont.): is noisy, antiquated, and steam from cooking is contributing to excessive moisture build-up. Houses have inadequate site lighting for safety and security in front and rear areas. Fencing for duplex units is laid out in a haphazard way, lacks uniformity and has deteriorated wood. There is no fencing for yards of ranch houses. Original wood windows are in excess of twenty-five years old, deteriorated, require extensive maintenance, provide inadequate thermal protection and are difficult to operate. Exterior of duplex quarters is faced with three types of material: 1) ground floor front wall is vertical wood siding around doors, 2) brick veneer at flanking living rooms, and 3) the second story front, and entire side and back walls have asbestos cement siding. Wood siding by front doors is deteriorated. Asbestos cement siding is aging, brittle and chipped. Material is unattractive and poses a possible hazard. The exterior of ranch quarters is faced with the same three types of material as duplex quarters. The vertical wood siding and asbestos cement siding are both deteriorated. Original VAT floors are aged, brittle. There is minor slab settlement in Quarters 604 and 605. Ground floor bathroom Quarters 604A has a long crack in tile floor parallel to exterior wall, probably resulting from slab settlement. Current carport/storage, kitchen and laundry areas are deficient at all quarters in this area. Carports are deteriorated and require frequent maintenance and repainting. Carports do not adequately protect vehicles, block view from kitchen windows, and require a high level of maintenance and repainting. The kitchens are too small for the laundry accoutrements installed here. Because of both existing and proposed configurations at entry doors, it is difficult to move oversized pieces of furniture to/from Quarters 603, 604 and 605. Receptacles at bathrooms, kitchen sinks and outdoors are grounded type. Current electric service is not sufficient to support required air-conditioning system. Estimated increase in electrical load is 35% for Quarters 600-602 and 25% for Quarters 603-605.

IMPACT IF NOT PROVIDED: The proposed improvements will increase the quality of life for occupants while the proposed repairs will extend the useful life of the units and site. If not implemented, the units will require increasing amounts of maintenance and eventually some systems will fail. In some cases, safety problems will increase to the point of being serious violations of sound building practices. There is a potential danger to families if electrical systems are not upgraded to handle modern appliance demand loads. Occupants will continue to live in unsatisfactory units; windows, interior configuration and exterior finishes will continue to deteriorate. Habitability problems will lower occupant's morale. Deterioration of remaining household items will continue to increase and cause discontent among the occupants.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NWS EARLE, NJ	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 6 FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-4-89	$401.3

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	6	19.4	116.9
CONCURRENT REPAIRS AND MAINTENANCE	EA	6	47.4	284.4
	EA	6	66.8	401.3
TOTAL REQUEST				401.3
Area Cost Factor = 1.17				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse improvements and repairs to 6 family housing units in one apartment building. Improvements: install central air-conditioning, upgrade of electrical service and provision for both ground fault receptacles. Repairs: replace all interior finishes, and windows.

11. REQUIREMENT:

REQUIREMENT/CURRENT SITUATION: These units do have central air-conditioning systems and occupants have installed window units which are inefficient. Dedicated circuits have not been provided and occupants can overload circuits. This area is extremely uncomfortable in the summer months because of its high humidity. Based on original 1944 finish schedule, cement asbestos was used extensively as an interior finish for walls and ceilings. Portions of this asbestos have been retained through subsequent renovations. This asbestos may pose a hazard. Approximately 25% of the sheetrock ceilings are deteriorated, have poorly concealed joints, and exposed nails. Bathroom is original from 1944, with asbestos cement finishes. Fixture configurations are inappropriate for current use. Original wooden windows require extensive maintenance and repainting, provide poor thermal protection and are difficult to operate. Existing aluminum storms are not weathertight.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NWS EARLE, NJ	
4. PROJECT TITLE	**5. PROJECT NUMBER**
IMPROVEMENTS	

REQUIREMENT/CURRENT SITUATION (Cont.): Plumbing and electrical systems are antiquated. Insulation on electrical wiring is old and brittle. With the exception of several water closet's plumbing fixtures are original ones and have worn and chipped enamel. Some lavatories are non-conforming. Electrical receptacles in wet areas are not GFI. The fencing is aesthetically unappealing as they lack uniformity. Current electric service is not sufficient to support required air-conditioning system. Estimated increase of load is 35%.

IMPACT IF NOT PROVIDED: The proposed improvements will increase the quality of life for occupants and the proposed repairs will extend the useful life of the units and site. If not implemented, the units will require increasing amounts of maintenance and eventually some systems will fail. In some cases, safety problems will increase to the point of being serious violations of sound building practices. There is a potential danger to families if electrical systems are not upgraded to handle the modern appliances demand load. Occupants will continue to live in unsatisfactory units. Windows, interior and exterior finishes will continue to deteriorate. Habitability problems will lower occupant's morale. Deterioration of remaining household items will increase and cause discontent among the occupants.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION	4 PROJECT TITLE
NWS EARLE, NJ	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, QTRS. B & C

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8 PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-6-89	$145.2

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	2	25.1	50.2
CONCURRENT REPAIRS AND MAINTENANCE	EA	2	47.5	95.0
	EA	2	72.6	145.2
TOTAL REQUEST				145.2
Area Cost Factor = 1.17				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse improvements and repairs to two senior officer on-station units - Quarters "B" and "C". Improvements: install basement window covers and a central air-conditioning system, upgrade of electrical service and provision of ground fault receptacles. Repairs: replace windows, shutters, sunporch siding, exterior basement parapet wall, kitchen ceiling, kitchen drain piping, sidewalks and garage roof.

11. REQUIREMENT:

REQUIREMENT/CURRENT SITUATION: Basement window areaways do not drain. Water buildup leads to moisture damage to basement windows and walls. The quarters do not central air conditioning systems. Occupants have installed occupant owned window units, which are inefficient. Dedicated circuits have not been provided and occupants may overload wiring. This area is extremely uncomfortable in the summer months due to high humidity. Wood windows of Quarters "B" & "C" are deteriorated, unattractive, difficult to operate and are poor thermal protection. Mortar joints are deteriorated at steel lintels. Wood shutters are dilapidated. Wood siding of sunporch Quarters "B" is deteriorated, and water damaged. Areaway parapet by basement stairs to Quarters "B' "has badly deteriorated mortar. Parapet wall is not necessary. Metal railing would serve more cost-effectively and be superior aesthetically.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION

NWS EARLE, NJ

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENT/CURRENT SITUATION (Cont.): Acoustical ceiling tiles in kitchen Quarters "B" have warped and come unglued from ceiling above. Tiles may be asbestos type. Drain piping under kitchen sink in Quarters "B" is not in the proper configuration. Kitchen, bathroom and outdoor electrical outlets are not uniformly ground fault type. Current electric service is not sufficient to support required air conditioning system. Estimated increase of load is 25%.

IMPACT IF NOT PROVIDED: The proposed improvements will increase the quality of life for occupants and the proposed repairs will extend the useful life of the units and site. If not implemented, the units will require increasing amounts of maintenance and eventually some systems will fail. In some cases, safety problems will increase to the point of being serious violations of sound building practices. There is a potential danger to families if electrical systems are not upgraded to handle the modern appliance demand loads. Occupant will continue to live in an unsatisfactory unit. Roofs, windows and exterior finishes will continue to deteriorate. Deterioration of remaining household items will continue at an increasing rate and cause discontent among the occupants.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NWS EARLE, NJ	WHOLEHOUSE/SITE IMPROVEMENT AND REPAIRS, 5 FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-7-89	$336.2

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	5	24.0	120.1
CONCURRENT REPAIRS AND MAINTENANCE	EA	5	43.2	216.1
	EA	5	67.2	336.2
TOTAL REQUEST				336.2
Area Cost Factor = 1.17				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse improvements and repairs to five officer and enlisted off-base quarters "D", "E" , "F", "G", and "H". Improvements: install central air-conditioning system, and range hood, upgrade electrical service and provide ground fault receptacles. Repairs: replacement of exterior siding, windows, exterior basement window areaway, VAT flooring, interior closet and ceiling finishes, basement sump pumps, sidewalk areas, and driveway paving.

11. REQUIREMENT:

REQUIREMENT/CURRENT SITUATION: The units do not have air conditioning system. Occupants have installed occupant owned window units which are inefficient. Dedicated circuits have not been provided and occupants may overload wiring. This area is extremely uncomfortable in the summer months due to high humidity. Quarters "G" kitchen stove lacks a hood. Cooking fumes are not vented, and steam from cooking is contributing to excessive moisture build-up. The cement asbestos siding to Quarters "D","F" and "G" is chipped, cracked and deteriorated. This type of cladding material is not desirable for possible health hazard as well as aesthetic reasons. Original wood windows are in excess of forty years old. Frames and glazing compound are deteriorated. Windows require high maintenance, provide poor thermal protection and are difficult to operate. Bathroom windows in wall of showers, in Quarters "D" and "E" are poorly placed.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NWS EARLE, NJ

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENT/CURRENT SITUATION (Cont.): Sills are water damaged, and storm windows are ineffective and unattractive. Quarters "G" areaway is not protected by a wall. VAT floors are aged, chipped, cracked, lifting from subfloor. The kitchen and basement in Quarters "D", and the bedroom and basement of Quarters "H" sheet flooring is in poor condition. Upstairs closets under the rafters of Quarters "E" and "F" are unfinished, and have exposed roofing nails. These are the primary closets serving their respective locations. Quarters "F" kitchen ceiling is collapsing. Dining room ceiling in Quarters "G" is water damaged. Living room ceiling in Quarters "G" is aged acoustical tile and is inappropriate for domestic applications. Sump pumps in basements of Quarters "F" and "G" not performing adequately, due to poor site drainage. Electrical receptacles in wet areas are not GFI. Service ground at Quarters "E" is aluminum. Electrical outlets in Quarters "H" kitchen are inadequate. Permanent lights are not provided for the basement of Quarters "H'. Current electric service is not sufficient to support required air conditioning systems. Estimated increase of load is 25% for Quarters "D", "F", "G" and "H" and for Quarters "E" it is 35%. Patio paving at electric service is not sufficient to support required air conditioning systems. Patio paving at Quarters "D" is deteriorated, overgrown with grass and weeds, and the brick border is a tripping condition. Steps to side entry of Quarters "E" are uneven, with grass growing through joints, is a tripping condition. Walk to rear entrance Quarters "E" is uneven due to settling and/or heaving, and is a tripping condition. Quarters "E" concrete patio at the rear door cracked, chipped, and spalling, and poorly patched. Leaders of Quarters "E", "F" and "G" flow directly onto ground. Existing drainage systems have been abandoned. Quarters "H" driveway requires paving.

IMPACT IF NOT PROVIDED: The proposed improvements will increase the quality of life for occupants and the proposed repairs will extend the useful life of the units and site. If not implemented, the units will require increasing amounts of maintenance and eventually some systems will fail. In some cases, safety problems will increase to the point of being serious violations of sound building practices. There is a potential danger to families if electrical systems are not upgraded to handle the modern appliance demand load. Occupant will continue to live in an unsatisfactory unit. Windows and exterior finishes will continue to deteriorate. Deterioration of remaining household items will continue at an increasing rate and cause discontent among the occupants.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Marine Corps Air Station Cherry Point NC	Whole House Improvements, Capehart (Phase III)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
		CP-H-813-M2/ CP-H-833-R2	$12,250.0

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Whole House Improvements, Capehart (Phase III)	EA	275	7000	1,925.0
Concurrent Maintenance and Repairs	EA	275	37545	10,325.0
Total Project Cost			44545	12,250.0

10. DESCRIPTION OF PROPOSED CONSTRUCTION

DESCRIPTION: This is the third phase. Project consists of whole house improvements and repairs to 275 officer and enlisted housing units. Improvements include new walkways, laundry facilities, enlarge porches, insulation, and fire suppression system. Concurrent repairs include replace water/sewer lines, electrical, plumbing, furnaces/air conditioning, ductwork, lighting, walls, floors, and windows; reroof; repair/replace vinyl siding; repair/replace all doors; reconfigure and replace kitchen, baths, and laundry areas; repair soil erosion, curbs, gutters, and storm sewer pipes; and repair concrete foundations.

PROJECT: This project will reduce energy and maintenance costs, improve safety and habitability, and bring quarters to current building standards.

REQUIREMENT: To extend the useful life of these quarters and to improve the morale of the occupants. These units are Capehart construction built in 1958/59.

CURRENT SITUATION: Kitchens and baths are antiquated and inefficient. Insulation is poor and doors and windows are extremely drafty. Foundation and exterior wall repairs are required. Doors, floors, windows, cabinets, walls, and electrical and plumbing fixtures are badly worn, rotted or rusted and in need of repair or replacement.

1. COMPONENT	FY 19__92 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
MARINE CORPS		

3. INSTALLATION AND LOCATION
Marine Corps Air Station Cherry Point NC

4. PROJECT TITLE	5 PROJECT NUMBER
Whole House Improvements, Capehart (Phase III)	$12,250.0

IMPACT IF NOT PROVIDED: Failure to authorize this project will result in the further deterioration and obsolescence of these units. High energy use, excessive maintenance efforts, uncorrected potential safety hazards and occupant dissatisfaction will continue to increase. Additionally, the morale and quality of the military families will continue to be low.

S/N 0102-LF-001-3918 U.S. GOVERNMENT PRINTING OFFICE 1978—703-173 34312-1

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NSGA NORTHWEST, VA	IMPROVEMENT AND REPAIRS TO 24 CAT. "E" FAMILY HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-4-84	$1,404.9

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	24	50.4	1,211.3
CONCURRENT REPAIRS AND MAINTENANCE	EA	24	8.1	193.6
	EA	24	58.5	1,404.9
TOTAL REQUEST				1,404.9
Area Cost Factor = .93				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses improvements and repairs to 24 Category "E" family housing units. Improvements: expand kitchen area; install new heating and cooling systems, dishwashers, garbage disposals, and ducted range hoods, 40-gallon electric water heaters, heat pumps, detached exterior storage sheds, soffit vents and pressure relief valves in hot water piping mains. Repairs: replace inadequate electrical service panels, non-grounded circuits with grounded circuits, obsolete light fixtures, and bathroom exhaust fans.

II. REQUIREMENT:

REQUIREMENT: Existing ranges are exhausted by remote wall fans. Kitchens are devoid of dishwashers and garbage disposals. Space in the kitchen is inadequate and there is a scarcity of cabinetry. Domestic water is now heated through existing hot water heating system. The small storage areas are located on the back porch. Bulk storage is limited to a small area with the units, and no area is available for the storage of outdoor item. Original soffit vents are covered up by recently installed exterior siding. Surging pressure in hot water piping is not properly controlled. The units do have central air conditioning and are steam heated. The two and three bedroom units have only 1 to 1 1/2 baths.

S/N 0102 LF 001 3910

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NSGA NORTHWEST, VA	
4. PROJECT TITLE	**5. PROJECT NUMBER**
IMPROVEMENTS	

CURRENT SITUATION: The units do not have central air conditioning or an adequate hot water heating system. The kitchens are very small and have insufficient cabinetry, no dishwashers, garbage disposals or range hoods. Domestic hot water is obtained through the existing heat system and occupants frequently run out of hot water. The half bath is directly adjacent to the kitchen and wedged in space beneath the stairway. Families are forced to store items in habitable rooms or in their yards. Exposed wood frame construction in storage areas is unsightly and encourage inconsistent occupant modifications. Inadequate attic ventilation results in significant heat gain during the cooling season. Surging pressure in the hot water system is a source of distracting noise, particularly to those occupants who stand watches and must sleep during the day.

IMPACT IF NOT PROVIDED: Families will continue to occupy quarters which are deficient in certain basic amenities normally afforded in family housing. The enclosed room on the rear of the units allows for expansion of the kitchen, which in turn will allow for more dining space. These improvements will upgrade the units to "Adequate" category and will result in full forfeiture of BAQ. The expansion of the kitchen area will not result in additional net square footage for the units.

S/N 0102-LF-001-3913

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NNSY PORTSMOUTH, VA	IMPROVEMENTS TO 26 FAMILY UNITS HOUSING UNITS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC-18-88	$2,408.3

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	26	47.3	1,230.1
CONCURRENT REPAIRS AND MAINTENANCE	EA	26	45.3	1,178.2
	EA	26	92.6	2,408.3
TOTAL REQUEST				2,408.3
Area Cost Factor = 0.92				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses wholehouse improvements and repairs to 26 Cat "D" officer units. Improvements:~ install bathroom vanities, lighted medicine cabinets, ducted bathroom exhaust fans, ducted range hoods, electric water heaters, insulated blankets on hot water heaters, fluorescent lighting and additional GFI electrical receptacles. Repairs: provide GFIs' in garages, indoor and outdoor lighting, and constructing a one car garage for Qtrs B-167. Garages will be replaced for Qtrs 210A, 210B, and "K".

11. REQUIREMENTS:

REQUIREMENTS: Provide improvements to include bathroom amenities, kitchen ventilation, domestic water heaters, electrical systems, and related structures. Existing bathrooms typically contain obsolete wall or pedestal mounted lavatories, antiquated medicine cabinets and do not have mechanical ventilation. Many kitchens lack range hoods, which extract cooking odors, heat, and grease. Water heaters are not wrapped with insulation. Additional receptacles are needed for kitchens and exteriors of various housing units. Quarters's garages have been neglected and inadequately maintained. Absence of GFI's and exterior lighting is a safety hazard. Electrical lighting fixtures and wiring are obsolete, damaged and/or substandard. Original garages (Bldgs. 121, 123, & 753) now at the end of their useful lives, and need replacing.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NNSY PORTSMOUTH, VA	

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

CURRENT SITUATION: Occupants suffer from the lack of ventilation in kitchens, resulting in the accumulation of cooking grease on interior surfaces. Uninsulated water heaters are a source of energy loss.

IMPACT IF NOT PROVIDED: Families will continue to occupy quarters which lack certain amenities and safety features normally afforded at this level of command.

S/N 0102-LF-001-3916

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NS GUANTANAMO BAY, CUBA	IMPROVEMENTS/REPAIRS TO 82 CAT. C FAMILY HOUSING UNITS, PHASE I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-1-88	$12,158.8

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	82	88.5	7,260.3
CONCURRENT REPAIRS AND MAINTENANCE	EA	82	59.7	4,898.5
	EA	82	148.2	12,158.8
TOTAL REQUEST				12,158.8
Area Cost Factor = 1.60				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses improvements and repairs to 82 family housing units. Improvements: installation of acoustic ceiling, gypsum board wall finishes, bedroom light fixtures, garbage disposals, dishwashers, and construction of service/laundry rooms, additional baths, carports, bulk storage areas, covered patios; installation of exterior hose bibs, electrical outlets, central air conditioning systems, underground secondary electrical distribution systems, roadway concrete edging, concrete sidewalks, paving to carports, additional parking spaces, and landscaping. Repairs: replacement of vinyl floor finishes, closet doors, bathroom ceramic wall tile, bathroom fixtures and accessories, installation of exterior wall insulation and hard finish system, painting of unit interiors and exteriors, repair and resurfacing roadway and parking area, replacement of electrical service entrances, sewage drain lines, potable water distribution lines, and removal and reinstallation of fencing.

11. REQUIREMENTS:

REQUIREMENTS/CURRENT SITUATION: Correct all major structural, mechanical, and electrical deficiencies in these family housing units and sites to provide quarters that are fully adequate in respect to occupant

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
NAVY		

3. INSTALLATION AND LOCATION

NS GUANTANAMO BAY, CUBA

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

REQUIREMENTS/CURRENT SITUATION (Cont.): entitlements, comparable to contemporary Navy Family Housing in CONUS locations, which are fully energy efficient. Currently, the units do not have garbage disposals, bedroom light fixtures, wall insulation, or wall and ceiling finished surfaces. Most units do not have dishwashers, second bathrooms, service/laundry areas, bulk storage areas, carports, or covered patios. The units lack sufficient exterior hose bibs and electrical outlets. Air conditioning is provided by window units. Domestic water is heated electrically and stored within the air conditioned spaces. Most floor covering is original construction "cuban" tile which is no longer available. Walls and ceilings are of painted concrete and concrete masonry. These finishes are very rough, unsightly, and have cracked and deteriorated over the years. Interior partition walls in many units are of cement-asbestos board. Interior doors are deteriorated from age and normal wear. Most units are very small. Non-temporary storage is available on this station and as a result, residents are forced to store personal property in outdoor, unprotected areas. This condition contributes to unsightly housing areas and considerable personal loss to the occupants. These units are not energy efficient. They lack wall insulation, are cooled by window air conditioning units, which do not utilize waste heat, do not have energy efficient lighting, or domestic water heaters. These housing sites have deteriorated badly over the years. Lack of hose bibs has restricted the ability of occupants to nurture lawns and other vegetation. The hot, arid tropical climate has contributed to barren, highly eroded sites. Lack of sidewalks has also contributed to erosion and causes a safety hazard as well by forcing pedestrians and bicyclists to either use the adjacent grounds or share the streets with motor traffic. Roadways have deteriorated from age and erosion. Electrical service to the units is by overhead secondary distribution which also contribute to the unattractive sites. Potable water and sewage lines are subject to continual failure due to age and normal deterioration.

IMPACT IF NOT PROVIDED: Inadequacy of these units relative to entitlements in terms of living area, lack of garbage disposals, dishwashers, bedroom lighting, second bathrooms service/laundry rooms, bulk storage areas, covered patios, and carports, combined with deteriorated conditions of the units structurally, mechanically, and electrically, as well as deteriorated site conditions is a major detrimental factor to the quality of life and housing occupant morale at

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
NS GUANTANAMO BAY, CUBA	

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

Guantanamo Bay Naval Station and Naval Air Station. These detrimental factors are intensified as conditions of the housing units continue to deteriorate and they are compounded by minimal quality of life conditions and very limited resources aboard this remote, highly restricted and confined Naval Base. While the morale of residents is very negatively impacted, it is important to consider the additional costs of maintenance and, ultimately, increased cost of repairs that will result from additional delay of the required improvements and repairs. Under the current Base Operating Services Contract, provision does not exist to accomplish repairs without unreasonable and excessive downtime. As a result, occupants must move into deteriorated family housing reduce family separation . Until the units are rehabilitated, increasing energy consumption costs, as a result of inefficient appliances, a lack of insulation, and aging structures will continue.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PWC GUAM, M.I.	WHOLEHOUSE REPAIRS/IMPROVEMENTS QTRS. 324/326, NAVAL HOSPITAL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-92-84(R1)	$ 463.5

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	2	30.4.	60.7
CONCURRENT REPAIRS AND MAINTENANCE	EA	2	201.4	402.8
	EA	2	231.8	463.5
TOTAL REQUEST				463.5
Area Cost Factor = 2.24				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses improvements and repairs to two units (Quarters 324/326), Naval Hospital, Guam. Improvements: soil treatment for termite control of underground floor slab and around the building; installation of exterior wall and ceiling insulation, wainscot tile for bathroom walls, non-slip finish for pavement and walkway; and of energy efficient fluorescent light fixtures. Repairs: structural repairs required by current Seismic and Uniform Building Codes to provide a sound structure; replace of old and worn out architectural finishes (bathroom tiles, exterior/interior doors/frames complete with hardwares, exterior/interior wooden walls including framing, glass tempered window in aluminum frame, kitchen cabinets, cove base, hanger rods, exterior storage, storage/closet doors and shelvings), interior/exterior suspended ceiling including rafters/joists/purlins, floor tiles, plumbing fixtures (bathtubs complete with shower heads and mixing valves, lavatories, water closets and fittings), hot and cold water piping, waste and vent piping, toilet accessories, bathroom access panel, kitchen exhaust cap, and electrical system (duplex outlets, lighting switches, disconnect switch for water heater, panelboa , service equipment/entrance and wiring system to include telephon , cable TV); and painting.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	
PWC GUAM, M.I.	

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

11. REQUIREMENTS:

REQUIREMENTS: Provide repair and improvement features to restore and enhance livability, and comfort of the housing units. This project is required to restore and improve the aesthetics and functional performance, convenience and quality living environment of the housing units, enhance morale and family stability of the Navy personnel, and to accomplish improvements for the specific purpose of reducing the consumption of non-renewable energy. This project implements the Navy's continuing effort to conserve energy.

CURRENT SITUATION: These housing units are deficient of present day amenities that are conducive to comfort and convenience of modern living. The architectural finishes of the existing 45-year old existing family housing units are in poor condition due to age, ravages of the elements and termite infestation. Corrosion has caused the plumbing fixtures, piping and accessories along with the electrical system to deteriorate and malfunction, resulting in excessive management and maintenance costs. In addition, replacing the existing incandescent with energy efficient fluorescent lighting fixtures will save a substantial amount of non-renewable energy.

IMPACT IF NOT PROVIDED: Continued occupancy of these dwelling units in their present state of disrepair will accelerate their deterioration. Failure to provide these improvements will increase occupant's complaints; have an adverse effect on the morale and family stability, and the retention of highly trained and skilled personnel. Reduction of electrical energy consumption will not be realized and no cost saving will result. Occupants' dissatisfaction will persist, detracting from the overall impression of family housing.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PWC GUAM, M.I.	WHOLEHOUSE REPAIRS/IMPROVEMENTS NAVAL HOSPITAL, GUAM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
IMPROVEMENTS	711	HC/R-93-84(R2)	$ 7,189.6

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FAMILY HOUSING IMPROVEMENTS	EA	65	59.3	3,855.0
CONCURRENT REPAIRS AND MAINTENANCE	EA	65	51.3	3,334.6
	EA	65	110.6	7,189.6
TOTAL REQUEST				7,189.6
Area Cost Factor = 2.24				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project encompasses improvements, energy conservation features and repairs to 65 Category C family housing units at Naval Hospital, Guam. Improvements: construct carports with storage and driveways, trash enclosures, additional half baths, covered patios; install gutters with downspouts, heat reclaim units, solar film on windows, and exterior clotheslines. Repairs: replace incandescent lights with fluorescent fixtures, vinyl floor tiles, exterior and interior doors, exterior foundations, roof gutters, garbage disposers, bathroom fixtures, water heaters, lavatories, tubs and showers, duplex outlets, electrical panel board; rewire all circuits; and repair kitchen cabinets in four units.

11. REQUIREMENTS:

REQUIREMENTS: Provide improvements, energy conservation and repairs to 65 family housing units. This project is required to bring the family housing units to commonly accepted American standard of comfort and convenience; to retrofit existing facilities for the specific purpose of reducing the consumption of non-renewable energy; and to restore the aesthetic and functional performance of the housing unit to enhance morale and family stability of military personnel.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

PWC GUAM, M.I.

4. PROJECT TITLE	5. PROJECT NUMBER
IMPROVEMENTS	

CURRENT SITUATION: The existing 65 year old family housing units are in poor condition due to ravages of the elements along with age. Cars are parked on the streets, exposed to corrosive element which are extra harsh on Guam due to salt air, high temperatures, and typhoons. When streets are cleaned, cars must be moved at an inconvenience to occupants. Lack of sufficient exterior storage forces occupants to store personal property (tools, bicycles, grills) in the open, resulting in rapid deterioration, possible danger to children and inviting theft. One bathroom for a two story bedroom unit is inadequate per DM-35 criteria. Without gutters and downspouts to divert water properly, rain puddles around the houses causing soil creepage. Erosion is common along walls. Heat reclaim units are being provided to assist in domestic hot water heating. The housing units will be outfitted with solar window film and incandescent lighting fixtures will be replaced with fluorescent lights. Installation of an umbrella-type clotheslines will save substantial amount of non-renewable energy. The interior architectural finishes are damaged by termite infestation and normal wear and tear. The plumbing fixtures, piping and accessories are corroded and obsolete, and the electrical system is malfunctioning due to rust and obsolescence.

IMPACT IF NOT PROVIDED: Failure to provide improvements will have an adverse effect on the morale and retention of highly trained and skilled personnel. Continued occupancy of these dwelling units in their present state of disrepair will accelerate their deterioration, service calls and management problems will increase, and occupant relations will suffer. If left uncorrected, these housing units will deteriorate further and become critical.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1992 BUDGET ESTIMATE
ARCHITECTURAL AND ENGINEERING SERVICES
AND CONSTRUCTION DESIGN

(In Thousands)

FY 1992 Program $6,200
FY 1991 Program $6,200

Purpose and Scope

This program provides for working drawings, specifications and estimates, project planning reports and final design drawings of family housing construction projects authorized or not yet authorized. This includes the use of architectural and engineering services in connection with any new family housing construction or improvements.

Program Summary

The amount requested, together with prior year savings, will enable full execution of the construction program. Authorization is requested for appropriation of $6,200,000 to fund new construction and improvement design requirements.

Exhibit FH-6

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS INSIDE AND OUTSIDE UNITED STATES	ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
VARIES	VARIES	VARIES	$6,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
A&E SERVICES & CONSTRUCTION DESIGN		--	--	6,200
NEW CONSTRUCTION	L/S	--	--	(992)
IMPROVEMENTS	L/S	--	--	(5,208)
TOTAL REQUEST				6,200

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Funds to be utilized under 10 USC 2807 for architectural and engineering services and construction design in connection with military family housing new construction and construction improvement projects. Evaluation of turnkey design and engineering investigations, such as field surveys and foundation explorations, will be undertaken as necessary.

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11. REQUIREMENT: VARIES

All projects in a military family housing 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. Costs for architectural and engineering services, turnkey evaluation, and construction design are not included in the construction project cost estimates.

IMPACT IF NOT PROVIDED: FY 1992, 1993 and FY 1994 project execution schedules cannot be met.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1992 BUDGET ESTIMATE
OPERATION AND MAINTENANCE

($000)

FY 1992 Program 647,438
FY 1991 Program 653,906

Purpose and Scope

a. Operation. This portion of the program provides for expenses in the following sub-accounts:

Management. Includes direct and indirect expenses incident to the administration of the family housing program such as housing office personnel and operations, administrative support, training, travel, programming and studies, and community liaison. All housing referral costs are also included, although the housing referral program assists personnel in locating housing in the private community, and is not related to the operation or management of military family housing units.

Services. Includes direct and indirect expenses incident to providing basic support services such as refuse collection and disposal, fire and police protection, pest control, custodial services for common areas, snow removal. and street cleaning.

Furnishings. Includes the procurement for initial issue or replacement of household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; the control, moving and handling of furnishings inventories; and the maintenance and repair of such items.

Miscellaneous. Includes work or services peformed for the benefit of family housing occupants, including mobile home hook-ups and disconnections, for which reimbursement will be received; payments to the U. S. Coast Guard for Navy occupancy of Coast Guard housing; and United Kingdom accommodation charges.

b. Utilities. Includes all utility services provided to family housing, such as electricity, gas, fuel oil, water and sewage. Excludes telephone services.

c. Maintenance. This portion of the program supports the upkeep of family housing real property, as follows:

Maintenance/Repair of Dwelling. Includes service calls, change of occupancy rehabilitation, routine maintenance, preventative maintenance, interior and exterior painting, and major repairs.

Other Real Property. Includes maintenance, repair and replacement of electrical, gas, water, sewage and other utility distribution systems located within family housing areas, and the portion of activity utility rates attributable to distribution system maintenance when separately identified. Also includes maintenance and repair of any other family housing real property, such as grounds, surfaced areas and family housing community facilities.

Alterations and Additions. Includes minor incidental improvements to dwellings or other real property performed under the authority of 10 USC 2805. Larger scope or higher dollar value items are funded in the construction program.

Program Summary

Authorization is requested for an appropriation of $637,710,000. This amount, together with estimated reimbursements of $9,728,000 will fund the Fiscal Year 1992 program of $647,438,000.

A summary of the funding program for Fiscal Year 1992 follows (in thousands):

	Appropriation Request					
	Operations	Utilities	Maintenance	Total	Reimbursements	Total Program
Navy	$109,884	160,966	259,690	530,540	7,978	538,518
Marine Corps	$ 19,064	35,962	52,144	107,170	1,750	108,920
Total DON	$128,948	196,928	311,834	637,710	9,728	647,438

JUSTIFICATION:

The Department of Navy family housing budget requests the minimum essential resources needed to provide military families with adequate housing either through the private community or in government quarters. Navy and Marine Corps installations are generally located in the high cost, coastal areas. Accordingly, the overinflated cost of adequate housing in these areas causes many of our military families to reside in facilities that lack even the minimal amenities expected in a home. Therefore, increased emphasis is being placed on the proper funding of the family housing Operations and Maintenance program.

The Fiscal Year 1992 estimated program was formulated utilizing the Office of Management and Budget's published inflationary factors and foreign currency exchange rates.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1992 BUDGET ESTIMATE
OPERATION AND MAINTENANCE
NAVY AND MARINE CORPS

(Excludes Leased Units and Costs)

	FY 1990 Actual		FY 1991 Estimate		FY 1992 Estimate	
A. Workload Data						
1. Inventory Data Average Inventory for Year Requiring O&M Funding						
a. Conterminous U.S.	77,422		78,650		80,495	
b. U.S. Overseas	5,263		5,263		5,263	
c. Foreign	9,948		10,166		10,981	
d. Worldwide	92,633		94,079		96,739	
[redacted]						
	FY 1990		FY 1991		FY 1992	
	Actual		Estimate		Estimate	
	Total ($000)	Unit Cost	Total ($000)	Unit Cost	Total ($000)	Unit Cost
B. Funding Requirement						
1. Operations						
a. Management	53,381	576	56,118	596	65,147	673
b. Services	34,966	377	37,140	395	39,106	404
c. Furnishings	17,763	192	21,552	229	23,705	245
d. Miscellaneous	694	7	900	10	990	10
Subtotal - Operations	106,804	1,153	115,710	1,230	128,948	1,333
2. Utilities	172,753	1,865	185,610	1,973	196,928	2,036
3. Maintenance						
a. Maintenance & Repair of Dwellings	298,888	3,227	307,745	3,271	277,915	2,873
b. Maintenance & Repair of Other Real Property	23,407	253	25,555	272	24,406	252
c. Alterations and Additions	8,839	95	9,908	105	9,513	98
Subtotal - Maintenance	331,134	3,575	343,208	3,648	311,834	3,223
4. Total, O&M Expenses (TOA)	6[illegible],691	6,593	644,528	6,851	637,710	6,592
5. Appropriation	610,691	6,593	644,528	6,851	637,710	6,592
6. Reimbursements	10,558	114	9,378	100	9,728	101
7. Total Program	621,249	6,707	653,906	6,951	647,438	6,693

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1992 BUDGET ESTIMATE
OPERATION AND MAINTENANCE
NAVY

(Excludes Leased Units and Costs)

	FY 1990 Actual		FY 1991 Estimate		FY 1992 Estimate	
A. Workload Data						
1. Inventory Data Average Inventory for Year Requiring O&M Funding						
a. Conterminous U.S.	56,015		56,793		58,040	
b. U.S. Overseas	5,263		5,263		5,263	
c. Foreign	9,492		9,707		10,507	
d. Worldwide	70,770		71,763		73,810	
	FY 1990		FY 1991		FY 1992	
	Actual		Estimate		Estimate	
	Total	Unit	Total	Unit	Total	Unit
	($000)	Cost	($000)	Cost	($000)	Cost
B. Funding Requirement						
1. Operations						
a. Management	44,808	633	47,184	657	55,707	755
b. Services	28,061	397	29,796	415	31,789	431
c. Furnishings	15,872	224	19,250	268	21,398	290
d. Miscellaneous	694	10	900	13	990	13
Subtotal - Operations	89,435	1,264	97,130	1,353	109,884	1,489
2. Utilities	139,206	1,967	150,449	2,096	160,966	2,181
3. Maintenance						
a. Maintenance & Repair of Dwellings	247,243	3,494	248,492	3,463	227,095	3,077
b. Maintenance & Repair of Other Real Property	21,707	307	24,555	342	23,706	321
c. Alterations and Additions	8,139	115	9,208	128	8,889	120
Subtotal - Maintenance	277,089	3,915	282,255	3,933	259,690	3,518
4. Total, O&M Expenses (TOA)	505,730	7,146	529,834	7,383	530,540	7,188
5. Appropriation	505,730	7,146	529,834	7,383	530,540	7,188
6. Reimbursements	9,125	129	7,678	107	7,978	108
7. Total Program	514,855	7,275	537,512	7,490	538,518	7,296

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1992 BUDGET ESTIMATE
OPERATION AND MAINTENANCE
MARINE CORPS

(Excludes Leased Units and Costs)

	FY 1990 Actual		FY 1991 Estimate		FY 1992 Estimate	
A. Workload Data						
1. Inventory Data Average Inventory for Year Requiring O&M Funding						
a. Conterminous U.S.	21,407		21,857		22,455	
b. U.S. Overseas	0		0		0	
c. Foreign	456		459		474	
d. Worldwide	21,863		22,316		22,929	
	FY 1990		FY 1991		FY 1992	
	Actual		Estimate		Estimate	
	Total	Unit	Total	Unit	Total	Unit
	($000)	Cost	($000)	Cost	($000)	Cost
B. Funding Requirement						
1. Operations						
a. Management	8,573	392	8,934	400	9,440	412
b. Services	6,905	316	7,344	329	7,317	319
c. Furnishings	1,891	86	2,302	103	2,307	101
d. Miscellaneous	0	0	0	0	0	0
Subtotal - Operations	17,369	794	18,580	833	19,064	831
2. Utilities	33,547	1,534	35,161	1,576	35,962	1,568
3. Maintenance						
a. Maintenance & Repair of Dwellings	51,645	2,362	59,253	2,655	50,820	2,216
b. Maintenance & Repair of Other Real Property	1,700	78	1,000	45	700	31
c. Alterations and Additions	700	32	700	31	624	27
Subtotal - Maintenance	54,045	2,472	60,953	2,731	52,144	2,274
4. Total, O&M Expenses (TOA)	104,961	4,801	114,694	5,140	107,170	4,674
5. Appropriation	104,961	4,801	114,694	5,140	107,170	4,674
6. Reimbursements	1,433	66	1,700	76	1,750	76
7. Total Program	106,394	4,866	116,394	5,216	108,920	4,750

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1992 BUDGET ESTIMATE
JUSTIFICATION
NAVY

OPERATING EXPENSES

FY 1991	FY 1992
$97,130,000	$109,884,000

The FY 1992 estimated program represents the Navy Family Housing requirements using Office of Management and Budget inflation factors and foreign currency exchange rates. Reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

FY 1991	FY 1992
$47,184,000	$55,707,000

Requirements and adjustments as follows:

	($M)
FY 1990 Actual	44.8
Price increases	.4
Program increases	2.0
FY 1991 Estimate	47.2
Civilian personnel compensation	1.3
Price increases	1.4
Program increases	
a. Full implementation of Relocation Assistance Program	1.1
b. Acquisition of Automated Systems	.3
c. Increased staffing for new units coming on line	.3
d. Quality of Life enhancement	2.1
e. Planning/development of PPV	2.0
FY 1992 Estimate	55.7

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT. Funding adjustments are proposed in the Family Housing Management Account for pay raises, industrial fund increases, full implementation of the Navy sponsored program to provide relocation assistance to military families, price increases, and management of programs to acquire additional housing assets, including Public Private Ventures (PPV). In addition, the request reflects CNO direction to upgrade quality of life by implementing improvements to the availability and delivery of customer services at the activity housing offices i.e., expanding office hours, expanding off base showing services, enhancing referral services, expanding customer service training through the Family Housing Management Institute, pursuing implementation of the lease indemnity program at additional activities and installing state of the art computer equipment at various activities.

SERVICES

FY 1991	FY 1992
$29,796,000	$31,789,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actual	28.1
Annualized Foreign National Indirect hire pay increase	.1
Price increases	1.2
Indirect support for fire and police	.2
New units on line	.2
FY 1991 Estimate	29.8
Price increases	.8
Indirect support for fire and police	.6
New units coming on line	.9
Program decrease	(.3)
FY 1992 Estimate	31.8

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT. Funding adjustments are proposed in the Services Account for industrial fund rate increases and inflation increases using approved inflationary factors. The funding adjustments also include additional indirect support costs for fire and police protection, and costs associated with providing pest control, street cleaning, snow removal, refuse collection and trash disposal for newly acquired units.

FURNISHINGS

FY 1991	FY 1992
$19,250,000	$21,398,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actual	15.9
Civilian personnel compensation	.1
Price increase	.6
Program increase Expanded overseas loaner furnishings program	2.7
FY 1991 Estimate	19.3
Civilian personnel compensation	.1
Price increases	.8
Program increase Expanded overseas loaner furnishings program	1.2
FY 1992 Estimate	21.4

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT. The proposed FY 1992 Furnishings Account Program increases include costs associated with the expanded overseas loaner furniture program which is designed to upgrade the overseas furnishings program, and will allow Navy families residing overseas the basic amenities found in U.S. homes and which are already provided by the Army and Air Force. The Navy relies primarily on the local community for housing Navy families. Local community homes outside the U.S. generally lack adequate stoves, refrigerators, kitchen cabinets, closets, and heating systems. This program will allow for the procurement of stoves, refrigerators, and portable heaters wired for foreign electrical standards, as well as portable wardrobes and cabinets. These items will be made available to Navy families for the duration of their tour, thus increasing the livability of off base units and eliminating the cost of procuring these items to the military member. In addition, the expanded furnishings program will allow for replacement of furniture loaned to families arriving in overseas locations while their household goods are in transit (normal shipping time ranges from 3-6 months).

MISCELLANEOUS

FY 1991	FY 1992
$900,000	$990,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actual	.7
Program increase for Coast Guard ISSAS at Otis AFB	.2
FY 1991 Estimate	.9
Price increase	.1
FY 1992 Estimate	1.0

RATIONALE FOR CHANGES IN THE MISCELLANEOUS ACCOUNT. Increases are based on United Kingdom expected inflationary factors, which do not necessarily coincide with United States inflationary factors and the requirement to pay actual Operations and Maintenance costs at those locations where Navy personnel occupy Coast Guard Quarters.

UTILITIES

Requirements and adjustments are as follows:

FY 1991	FY 1992
$150,449,000	$160,966,000

	($M)
FY 1990 Actual	139.2
Price increases	6.0
Utilities for new units coming on line	5.2
FY 1991 Estimate	150.4
Price increases	6.3
Utilities for new units coming on line	4.3
FY 1992 Estimate	161.0

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT. The utilities account proposes an increase for industrial rate adjustments and price increases. Program increases are for costs associated with providing electricity, heat, water, and sewage for newly acquired or constructed units. The Navy Family Housing Program continues to stress energy conservation through public information campaigns and execution of cost effective energy conservation improvement projects.

MAINTENANCE EXPENSES

FY 1991	FY 1992
$282,255,000	$259,690,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actual	277.1
Price increases	5.2
FY 1991 Estimate	282.3
Program decrease	
Budget reductions	(22.6)
FY 1992 Estimate	259.7

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT. Program decreases in FY 1992 relate to budget reductions sustained as a result of the overall reduction to the Department of Defense budget.

REIMBURSABLE AUTHORITY

FY 1991	FY 1992
$7,678,000	$7,978,000

	($M)
FY 1990 Actual	9.1
Price increase	(.4)
Revised estimate of collections	(1.0)
FY 1991 Estimate	7.7
Price increase	.3
FY 1992 Estimate	8.0

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT. The reimbursable account reflects an increase for inflation.

FAMILY HOUSING - 1992 BUDGET ESTIMATE
JUSTIFICATION
MARINE CORPS

OPERATING EXPENSES

FY 1991	FY 1992
$18,580,000	$19,064,000

The FY 1992 estimated program represents the Marine Corps family housing requirements using Office of Management and Budget inflation factors and foreign currency exchange rates.

A reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

FY 1991	FY 1992
$ 8,934,000	$ 9,440,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actuals	8.6
Price increase	.3
FY 1991 Estimate	8.9
Program increase for new units on line	.3
Pricing adjustment	.2
FY 1992 Estimate	9.4

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT.

Funding adjustments are proposed in the Family Housing Management Account for pay supplemental increases, management of programs to acquire additional housing assets, implementation of the Real Property Maintenance / Family Housing System (RPM/FHS), and management of new units coming on line.

SERVICES

FY 1991	FY 1992
$ 7,344,000	$ 7,317,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actual	6.9
Price increase	.4
FY 1991 Estimate	7.3
Pricing Adjustment	.3
Program decrease	(.3)
FY 1992 Estimate	7.3

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT

The services account proposes an increase using approved inflationary factors. Price adjustments are costs associated with the existing units and newly acquired units for fire and police protection, pest control, street cleaning, snow removal, and refuse collection. The reduction in program growth is contributed to the services for the rehabed units off line during the FY.

FURNISHINGS

FY 1991	FY 1992
$2,302,000	$2,307,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actual	1.9
Program increase	.4
FY 1991 Estimate	2.3
Pricing adjustment	.1
Program decrease for force reduction	(.1)
FY 1992 Estimate	2.3

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT.

The furnishings account request reflects a program increase based on the acquisition of new units and for replacement of furniture and movable equipment (stoves, refrigerators, etc.). The funds requested will enable a consistent program level of maintenance and replacement of the existing inventory for General Officer Quarters and students at Marine Corps schools.

UTILITIES

FY 1991	FY 1992
$35,161,000	$35,962,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actual	33.5
Program increase for new units on line	.9
Price increase	.8
FY 1991 Estimate	35.2
Pricing adjustments	.4
Program increase for new units on line	.4
FY 1992 Estimate	36.0

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT.

Family Housing utilities are priced by known rates or, in accordance with OSD/OMB pricing guidance. Energy conservation is stressed. Program increases are for costs associated with providing electricity, heat, water, and sewage for newly acquired units from the rehabs programmed for FY91 and the units programmed for construction in the FY90 program. The level of funding requested will provide the support required to include the increase of units to the existing inventory.

MAINTENANCE EXPENSES

FY 1991	FY 1992
60,953,000	52,144,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actuals	54.0
Program increase for reduction of backlog	9.5
Program increase for new units	0.5
Program decrease for Congressional mark	(3.0)
FY 1991 Estimate	61.0
Program decrease	(12.4)
Program decrease for budget reductions	(5.0)
Program increase for reduction of backlog	8.1
Pricing adjustment	.4
FY 1992 Estimate	52.1

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT.

The program increase in FY 1992 is for costs associated with a $8.1 million one time SecNav increase that will enable a roof repair project at MCAS EL Toro, CA, and aid in the reduction of backlog of deferred maintenance and repair projects scheduled for execution. Program decreases relate to budget reductions which set maintenance expenditures for housing on a per unit basis.

REIMBURSEMENTS

FY 1991	FY 1992
$1,700,000	$1,750,000

Requirements and adjustments are as follows:

	($M)
FY 1990 Actuals	1.4
Program increase	.3
FY 1991 Estimate	1.7
Program increase	.1
FY 1992 Estimate	1.8

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT.

The FY 1992 estimate reflects a level program to adjust for the new units coming on line.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

DEPARTMENT OF THE NAVY
FY 1992 BUDGET
GENERAL/FLAG OFFICERS QUARTERS (GFOQ'S)
WHERE ANTICIPATED MAINTENANCE AND REPAIR
WILL EXCEED $25,000 PER UNIT

This information is provided in accordance with the reporting requirement established by the Conference Appropriations Committee Report dated 21 December 1987. The information provides the details for those GFOQ's where the maintenance and repair obligations in FY 1992 are expected to exceed $25,000 per unit. Operations include the prorated costs for management of family housing, services such as fire and police protection, refuse collection, entomology, snow removal, and furnishings. Utilities include applicable costs for energy (electricity, gas, fuel oil, steam, and geothermal), water and sewerage. Maintenance and repairs include recurring work such as service calls, preventative maintenance, routine change of occupancy work, and major repairs. This includes all operation and maintenance costs to the dwelling unit, appurtenant structures and other related area and facilities intended for the use of the general or flag officer.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
CALIFORNIA							
MCB Camp Pendleton	24154	6,470	10,000	119,300	(100,000)	135,770	0

Operations consists of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls, resurface driveways, and miscellaneous related projects. These projects include rehab kitchen (replace countertops, sinks, and related items); repair bathrooms (replace tubs and fixtures); replace exterior retaining wall; and replair/ replace patios.

NPGS Monterey	A Lake Drive	5,900	4,400	93,400	(0)	103,700	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will remove existing asbestos insulation and contaminated soil. The antiquated steam heat system will be replaced with a gas fired heating system including boiler, pumps, piping, wiring, and controls.

CONNECTICUT							
NSB New London	C	2,200	5,500	155,700	(0)	163,400	10,100

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy work, minor repairs, and partial interior painting. Major repairs and improvements include asbestos removal; repair of termite damaged porch; rebuilding of brick chimneys; and replacing of driveway, sidewalk, roof shingles, and windows. In addition, replacement of the boiler, water heater, bathroom fixtures, and fuse panels will be included. Improvements consist of additional electrical receptacles, energy efficient light fixtures, wired smoke detectors, range hood, laundry sink, and GFI receptacles.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
DISTRICT OF COLUMBIA							
NAVDISTWASH	A, WNY	6,650	10,200	26,000	(1,000)	42,850	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance based on historic costs, replacing and cleaning carpeting, partial interior painting, and minor repairs to the air conditioning system and copper gutters.

NAVDISTWASH	B, WNY	13,000	5,000	427,200	(264,900)	445,200	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and the completion of a major rehab. project approved in FY-91. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost.

NAVDISTWASH	H, WNY	9,150	5,000	602,400	(436,378)	616,550	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost.

NAVDISTWASH	M-1, WNY	3,850	3,100	397,200	(106,469)	404,150	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes and will update obsolete and inefficient mechanical and electrical systems. Completion of the work will reduce the Government's operation and maintenance cost.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
NAVDISTWASH Arlington Svc Ctr,	10	5,050	1,800	32,100	(0)	38,950	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance based on historic costs, change of occupancy repairs and replacement of minor components, interior and exterior painting, and window washing.

FLORIDA

NAVSTA Mayport	212 Moale Avenue	5,700	2,000	26,000	(0)	33,700	

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and repairs to the electrical, plumbing, and air conditioning systems.

PWC Pensacola	A	4,700	6,000	69,400	(33,000)	80,100	0

Operations consist of management, services, and furnishings. Maintenance and repairs include service calls, routine maintenance, and change of occupancy maintenance. A repair project is scheduled which will include repairing mortar joints, repairing and plastering walls, insulate water pipes, insulate the attic, and asbestos removal in the basement.

PWC Pensacola	4	3,300	5,500	67,800	(36,400)	76,600	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, change of occupancy maintenance, and repairs. Change of occupancy maintenance will include interior painting, and carpet cleaning. Major repairs to be accomplished during change of occupancy include pressure wash and paint the exterior, repair doors, insulate the attic, and asbestos removal from piping.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
ILLINOIS							
PWC Great Lakes	A	2,175	9,000	58,900	(42,500)	70,075	0

Operations consist of management, services, and furnishings. Maintenance and repairs include service calls, routine maintenance and grounds care. Repairs include roof replacement, replacement of brick on parapet, tuckpointing of exterior wall surfaces, sealing of basement foundation, and replacement of storm windows.

PWC Great Lakes	AA	6,675	10,500	36,900	(13,800)	54,075	0

Operations consist of management, services, and furnishings. Maintenance and repairs include service calls, routine maintenance, change of occupancy, and grounds care. Repairs include interior painting, installation of floors in the kitchen and two bathrooms, and replacement of storm windows.

MARYLAND							
NAVAL ACADEMY Annapolis	1 Buchanan	10,000	10,000	36,800	(0)	56,800	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy, and grounds care. Maintenance and repairs include repairs to walls and ceilings requiring replastering and repainting; repairs to doors, windows, and basement; repairing and restoring awnings; miscellaneous electrical repairs; interior painting; and relamping the outside lights.

NNMC Bethesda	B	8,000	4,800	47,000	(0)	59,800	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy, and grounds care. The work will include removal of asbestos insulation and replacing it with appropriate insulation. In addition, a water softening system will be installed to correct the high level of minerals which are corroding the pipes, and a window air conditioner will be relocated into the wall.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
NNMC Bethesda	E	7,900	4,800	48,400	(0)	61,100	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy, and grounds care. The work will include removal of asbestos insulation and replacing it with appropriate insulation. In addition, a water softening system will be installed to correct the high level of minerals which are corroding the pipes, and a window air conditioner will be relocated into the wall.

NEW YORK

NAVSTA Staten Island	115 Mont Sec	2,600	3,500	48,900	(0)	55,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and grounds care. The repair project includes replacement of countertops, cabinets, sink, flooring, etc., in a deteriorated kitchen; excavation and provision of water proof membrane to prevent water seepage in basement foundation; demolition of front steps, walkway, and handrails; conversion to gas heat from present oil fired system.

NORTH CAROLINA

MCAS Cherry Point	316	7,075	12,523	45,000	(0)	64,598	0

Operations consists of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, change of occupancy, paint the interior walls, and a project to renovate the kitchen ($25,000). This project contains the necessary work to bring the kitchen to modern day standards. The quarters were constructed in 1942.

MCAS Cherry Point	317	7,075	12,523	55,000	(0)	74,598	0

Operations consists of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, change of occupancy, paint the interior walls, and a project to renovate the kitchen ($35,000). This project contains the necessary work to bring the kitchen to modern day standards. The quarters were constructed in 1942.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
PENNSYLVANIA							
NSPCC Mechanicsburg	A	2,000	4,000	26,000	(0)	32,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and replacement of a deteriorated roof. This will include adding a taper from the house out over the patio and garage roof; replacing all scuppers, downspouts, gutters, flashing and splash blocks; and repainting the trim.

RHODE ISLAND							
NETC Newport	AA	4,700	13,200	49,800	(34,000)	67,700	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy repairs. The work will include interior painting of all three floors; minor improvements to the master bathroom by changing fixtures, replacing brass piping with copper pipes, and replacing galvanized drain lines with PVC; and replace all wiring on the third floor.

SOUTH CAROLINA							
MCRD Parris Island	1	11,235	6,525	70,000	(0)	87,760	0

Operations consist of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, and two projects (exterior painting ($28,000) and kitchen renovation ($30,000)). The kitchen project contains the necessary work to bring it to modern day standards. These projects will help to preserve the historical significance of the quarters. The quarters were constructed in 1891 and are on the National Register of Historic Places.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
TENNESSEE							
NAS Millington	551 Attu St	3,700	3,400	40,300	(0)	47,400	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and minor repairs. In addition, project work will replace wooden siding with vinyl, and replace all cornerboard trim, windows, and window awnings.

VIRGINIA							
NSWC Dahlgren	Q-501	6,700	3,500	49,700	(0)	59,900	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy. In addition, a renovation project is planned to replace the air conditioner compressor, rehabilitate the master bathroom, resurface the driveway, and paint the interior.

PWC Norfolk	Georgia F34	5,400	8,100	26,000	(0)	39,500	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy repairs. The work will include replacing roll roof on the garage, replacement of deteriorated wood on the garage, structural repairs, interior and exterior painting, and miscellaneous electrical repairs.

PWC Norfolk	West Virginia (East) F35-E	4,100	4,900	26,000	(0)	35,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy repairs. The work will include interior and exterior painting, miscellaneous heating and plumbing repairs, refinishing of hardwood floors, and miscellaneous minor repairs.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			INSIDE THE UNITED STATES				
PWC Norfolk	Cheatham M-101	3,900	4,100	33,700	(0)	41,700	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy repairs. The work will include upgrading the kitchen by replacing the countertop, double bowl sink, and sheet vinyl floor covering; replastering walls and painting; installing a range hood; and minor electrical repairs.

PWC Norfolk	West Virginia (West) F35-W	4,100	4,900	26,000	(0)	35,000	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and grounds care. In addition, renovation of the kitchen is planned for accomplishment. The work will include upgrading the kitchen by replacing the countertop, double bowl sink, and sheet vinyl floor covering; replastering walls and painting; installing a range hood; and minor electrical repairs.

PWC Norfolk	Vermont M-14	4,800	3,500	37,900	(0)	46,200	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy repairs. The work will include upgrading the kitchen by replacing the countertop, double bowl sink, and sheet vinyl floor covering; replastering walls and painting; installing a range hood; and minor electrical repairs.

PWC Norfolk	F	3,200	5,500	74,800	(0)	83,500	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and grounds care. In addition, a renovation project is planned to replace the roof, replace the single glaze windows with thermopane, repair of interior walls, installation of central air conditioner, and renovation of the kitchen.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE / INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
INSIDE THE UNITED STATES							
PWC Norfolk	SP-18/SP-26 9 Units	3,656	3,767	46,822	(0)	54,245	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy rehabs. These nine virtually identical units were built in 1941 and have a repair project planned to replace deteriorated porches and vestibules in conjunction with scheduled occupancy changes. The work included in the project will remove two vestibules and one sun porch which have suffered severe deterioration. These areas will be replaced with an energy efficient panelcraft wall system and insulated aluminum windows. The wall mounted electrical equipment will also be replaced. Change of occupancy work typically includes minor structural repairs, interior painting, and exterior trim painting.

MCB Quantico	11	3,334	3,618	119,751	(0)	126,703	0

Operations consists of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, service calls, change of occupancy, and a project to modernize the kitchen and upgrade the plumbing and electrical systems ($114,000). This project contains the necessary work to bring the kitchen, electrical and plumbing to modern day standards. These projects include new kitchen cabinets, countertops, and appliances; replacement of electrical wiring, new panel box, new outlets/switches; and new plumbing fixtures/cabinets, and replacement of water/sewer lines. The quarters were constructed in 1920.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
OUTSIDE THE UNITED STATES							
ICELAND							
NAS Keflavik	Qtrs A	1,600	6,200	35,600	(0)	43,400	0

Operations consist of management, services and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy rehab. In conjunction with the change of occupancy, a project to replace the roof, gutters, and downspout is scheduled. This is an intrinsic part of a larger project to repair 15 buildings. This unit is integral to a larger duplex housing facility. The existing roofs, gutters, and downspouts are at least 25 years old. They are corrugated sheet metal which has severely rusted and deteriorated. The leakage causes damage to the wooden frame structure, to the interior of the quarters, and to personal property.

JAPAN							
PWC Yokosuka	17 Halsey	1,500	20,200	99,000	(0)	120,700	0

Operations consist of management, services, and furnishings. In addition to routine maintenance and repairs, scheduled projects to renovate the kitchen and repair the heating system are proposed. The work will include replacement of deteriorated kitchen cabinets, countertops, sinks, range hood, walls, and electrical system. There has been no renovation work accomplished in this kitchen since it was built in 1948.

PWC Yokosuka	18 Halsey	1,500	22,100	82,900	(0)	106,500	0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy rehab. In conjunction with the change of occupancy, a complete exterior painting is scheduled as well as repairs to the garage door and the formal garden lighting. This unit was built in 1948 and serves as the home of the Commander, Seventh Fleet, who has major representational responsibilities.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
GENERAL AND FLAG OFFICERS QUARTERS	

STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
			OUTSIDE THE UNITED STATES				
MARIANAS ISLANDS							
PWC Guam	4 Flag Circle	6,100	4,900	25,000	(0)	36,000	0

Operations consist of management, services and furnishings. Maintenance and repairs include routine maintenance, grounds care, and change of occupancy rehab. Work includes minor repairs, interior and exterior painting, and repairs to termite damage.

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
ALASKA		
NAS Adak Repairs to 80 units. Replace kitchen countertops, sinks, disposals, and range hoods, bathroom fixtures, exhaust fans and switches, flooring throughout unit, siding, electrical switches, receptacles, and fixtures. Repair minor tub and shower leaks, refinish/repair/replace all interior doors and hardware, refinish cabinets, repair windows and replace window vent screens and assemblies, and repair soffits and fascias. Includes concurrent improvements at a cost of $4,136,200.	38,794	3,103.5
CALIFORNIA		
MCAS El Toro Repairs to 553 units. Project will remove existing roofing material down to sheathing and install 14" x 60" metal roofing tile and rebuild roof truss systems to meet current code.	11,118	6,148.0
NPGS Monterey Repairs to 13 units. Replace 65 year old steam heating system; remove asbestos pipe insulation, pipes, and heating tank insulation; encapsulate asbestos containing soil in crawl spaces with one and one-half inch of concrete.	46,031	598.4
PMTC Point Mugu Repairs to 50 Capehart units. Replace kitchen cabinets, countertops, exhaust hoods and sinks, vinyl asbestos tile and hardwood flooring, water heaters, windows and screens, exterior doors, light fixtures, smoke detectors, thermostats,	66,960	3,348.0

1. COMPONENT	FY 19__93 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
PMTC Point Mugu (Continued) interior electrical wiring and outlets, water and gas piping, ceramic wall and floor tile, shower pans, vanities, sinks, toilets, medicine cabinets and accessories, bath exhaust/heat fans, garage doors, attic insulation, eave vents and screens. Remove asbestos wallboard and paint interiors and exteriors. Includes concurrent improvements at a cost of $1,146,700.		
PWC San Diego Repairs to 100 units. Replace windows, ovens and cooktops, lavatories, medicine cabinets, interior wiring, lights and receptacles. Repair/reglaze ceramic tile; repair/replace bathtubs and interior plumbing components; and paint exteriors. Includes concurrent improvements at a cost of $3,478,200.	23,520	2,352.0
PWC San Diego Repairs to 5 units. Replace all windows in senior officer historical units.	28,140	140.7
CONNECTICUT		
NSB New London Repairs to 4 units. Replace windows, sliding glass doors, roofing, foundation coping, siding and trim, garage ceilings, drywall, exterior doors, closet doors and shelves, vinyl base, kitchen cabinets and counters, bath tubs, lavatories and water closets, furnaces, heat registers, metal chimneys, oil tanks, electrical wall receptacles, and door buttons. Weatherproof electrical panels and remove asbestos from ceiling and floors. Includes concurrent improvements at a cost of $17,900.	166,800	667.2

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
NSB New London Repairs to 4 units. Replace windows, roofs, drywall walls and ceilings, wall baseboard, bathroom exhaust fans, lighting, water closets, bath tubs, lavatory, and shower valve, closet doors, rods and shelves, electric service cable and panel boards, receptacles and switches, door chimes and buttons, doors and metal door frames, fin tube convectors and covers, and attic vents. Repoint brick face, reset brick capping and add flashing. Include concurrent improvements at a cost of $20,300.	22,275	89.1
NSB New London Repairs to 40 units. Replace windows, window wall panels, roofing, fascia and soffits, gutters, kitchen sinks, cabinets and counter tops, water closets, lavatories, tubs, closet shelves and rods, fintube baseboard convectors, boilers, water heaters, oil tanks, door buttons and chimes, concrete retaining walls, interior door hardware, exterior doors and weather-stripping. Remove asbestos from ceilings and floors, repair asphalt paving, repoint brick; reset door frames, and rehang laundry chute doors. Includes concurrent improvements at a cost of $279,000.	58,302	2,332.1
NSB New London Repairs to 70 units. Replace windows, flat roofs with pitched roofs and fiberglass shingles, crawl space vents, closet shelves, exterior doors and frames, radiators, bathtubs, lavatory, waterclosets, sillcocks, door bells and buttons, asphalt paving, roadway drainage, concrete	48,474	3,393.2

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
NSB New London (Continued) steps, signs and posts. Reset granite curbing and replace catch basin inlets, remove asbestos from ceilings and floors, and resurface walls and ceiling. Includes concurrent improvements at a cost of $202,700.		
NSB New London Repairs to one unit. Replace windows, dining room and kitchen exterior doors, plaster walls, fin tube convectors, water circulators, flue pipe, oil tank, bathtub, lavatory, water closet, wall outlets and plates. Remove asbestos from ceilings. Includes concurrent improvements at a cost of $9,700.	80,000	80.0
NSB New London Repairs to one unit. Replace windows, drywall ceiling, gutters, garage door, flue piping, oil burner, bathroom fixtures, and service entrance cable. Includes concurrent improvements at a cost of $5,100.	42,400	42.4
NSB New London Repairs to 4 units. Replace windows, carports roofs with pitched roofs, storage roofs, fintube convectors, boilers, oil tanks, bathroom fixtures, electric service cables and conduits, electric panelboards, door buttons and chimes, concrete walks, and two catch basin grates. Add support mullions to double windows, readjust manhole covers to grade, resurface roadway aprons and replace concrete curb. Includes concurrent improvements at a cost of $27,600.	82,000	328.0

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
NSB New London Repairs to one unit. Replace windows, radiator, boiler, oil tank, bathroom fixtures, tankless water heater, electric service entrance and panel board, door buttons and chimes, wall switches, and range hood. Add support mullions to double windows. Includes concurrent improvements at a cost of $4,400.	39,200	39.2
MARYLAND		
NAS Patuxent River Repairs to 52 units. Repair by replacing a flat roof with a gable type roof.	23,325	1,212.9
NSF Thurmont Repairs to 21 units. Replace kitchen and bathroom floors, bathroom tubs, water closets, sinks, vanities and wall tile, exterior doors, hardware and frames, windows, kitchen cabinets, furnaces and ductwork insulation, electrical system, and repair roadway. Includes concurrent improvements at a cost of $278,300.	35,443	744.3
NEW JERSEY		
NWS Earle Repairs to 40 Capehart units. Replace windows, wood siding, floors, bathroom tile floors, tubs, kitchen cabinets, and baseboard covers. Repair ground floor slab and closet door guides. Includes concurrent improvements at a cost of $1,514,100.	38,600	1,544.0

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
NWS Earle Repairs to three Capehart units. Replace siding, door canopies, windows, shingle roof, furnaces, boilers and associated piping. Provide ground fault interrupter receptacles, hard-wired smoke detectors, and upgraded electrical service. Includes concurrent improvements at a cost of $52,200.	48,033	144.1
NWS Earle Repairs to 8 units. Replace windows, exterior siding, floors, and ground floor powder-room floor. Includes concurrent improvements at a cost of $428,700.	29,587	236.7
NWS Earle Repairs to 6 units. Replace windows and all interior finishes. Includes concurrent improvements at a cost of $116,900.	47,400	284.4
NWS Earle Repairs to 2 units. Replace windows, shutters, sunporch siding, exterior basement parapet wall, kitchen ceiling, kitchen drain piping, sidewalks and garage roof. Includes concurrent improvements at a cost of $50,200.	47,500	95.0
NWS Earle Repairs to 5 units. Replace exterior siding, windows, exterior basement window areaway, flooring, interior closet and ceiling finishes, basement sump pumps, sidewalk areas, and driveway paving. Includes concurrent improvements at a cost of $120,100.	43,220	216.1

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
NORTH CAROLINA		
MCAS Cherry Point Repairs to 275 units. Project will repair and upgrade units to modern day standards, to include complete interior repairs to the electrical, mechanical and architectural systems. Repairs include the repair/replacement of plumbing systems, fixtures and ancillary items, walls, floors, ceilings, windows, doors and trim, baseboards, kitchen cabinets, floor tiles, countertops and provide for new wall and ceiling insulation.	37,545	10,325.0
RHODE ISLAND		
NETC Newport Repairs to 108 units. Replace closet doors, interior doors, bath and lavatory accessories, windows, storage shed roofing, clapboard siding, subfloor sheathing, bridging and vinyl asbestos tile and wood base, ceramic tile floor and walls, access panels, vinyl floors, kitchen cabinet fronts, shelves, sink, countertops, garbage disposals, sill cocks with freeze proof type, shower/tub controls, lavatory and water closet, fin radiation and covers, interior and exterior receptacles, light fixtures exhaust fan switch, bath receptacles and circuits, smoke detectors. Refinish wood floors, paint interiors and exteriors, refinish stairs and landings, and repair stairs and landing frames.	29,592	3,196.0
SOUTH CAROLINA		
NWS Charleston Repairs to 94 units. Replace shower pans, lavatories and faucet assemblies, base cabinets,	21,440	2,015.4

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
NWS Charleston (Continued) vertical drain lines, bath lights, mirrors, bath ceiling ventilation fans and light fixtures, ground fault interrupter circuit breakers and siding. Remove and replace exterior storage shed doors, entrance doors and glass sliding patio doors, entrance door canopies, exterior light fixtures and mailboxes.		
VIRGINIA		
PWC Norfolk Repairs to one installation commander quarters and garage. Replace siding, gutters, soffits and facsia.	44,800	44.8
PWC Norfolk Repairs to one installation commander quarters. and garage. Replace siding, gutters, soffits and facsia.	20,800	20.8
NSY Portsmouth Repairs to 26 units. Replace kitchen cabinets, vinyl flooring, window sashes, and hot water radiator heating system. Repair electrical and mechanical systems. Includes concurrent improvements at a cost of $1,230,100.	45,315	1,178.2
NSY Portsmouth Repairs to 8 units. Replace roofs, windows, downspouts, kitchen cabinets, window air conditioning, heating systems, fluorescent lighting, foundation vents, and access doors.	37,437	299.5

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
INSIDE THE UNITED STATES		
NSY Portsmouth Repairs to one historical unit. Replace heat system, electrical panels, circuit wiring and switches, windows, kitchen cabinets, vinyl flooring, kitchen sinks, plumbing and lighting fixtures. Exterior work includes repairs to brickwork, exterior doors, garage, electrical wiring, and lighting.	176,300	176.3
NWS Yorktown Repairs to 107 units. Replace kitchen cabinets, bathroom vanities, accessories and fixtures, tile flooring, roofing, and steam heat system with ducted heat pump system. Repair electrical systems.	26,259	2,809.7
WASHINGTON		
NAS Whidbey Island Repairs to 96 units. Replace roofs, furnace roof jacks, tubs/showers, mechanical room doors, kitchen sinks, faucets, exhaust fans, garbage disposals, lavatories, dining/breakfast area light fixtures, and exterior faucets. Repair/replace drain lines, heating ducts, furnaces and thermostats. Repair roads, driveways, sidewalks, parking areas, storm drainage system, and exterior water and sewer laterals.	33,224	3,189.5

1. COMPONENT	FY 19 92 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY		

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS,
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE	5. PROJECT NUMBER
FAMILY HOUSING MAINTENANCE/REPAIR OVER $15,000 PER UNIT	VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE UNIT COST ($)	CURRENT WORKING ESTIMATE TOTAL ($000)
OUTSIDE THE UNITED STATES		
CUBA		
NS Guantanamo Bay Repairs to 82 units. Replace tile flooring, ceramic bathroom tile, fixtures and accessories, closet doors, electrical service panels and breakers, potable water distribution system and sewage lines. Install wall insulation and hand finish system to exterior walls. Includes concurrent improvements at a cost of $7,260,300.	59,738	4,898.5
MARIANAS ISLANDS		
PWC Guam Repairs to 2 units. Replace kitchen cabinets, cove base, hanger rods, exterior storage, shelving, suspended ceilings including rafters, joists and purlins, exterior and interior doors and walls including framing, windows, floor tiles, plumbing fixtures, hot and cold water piping, waste and vent piping, toilet accessories, bathroom access panel, kitchen exhaust cap and electrical system; painting; and soil treatment for termite control under floor slabs. Includes concurrent improvements at a cost of $60,700.	201,400	402.8
PWC Guam Repairs to 65 units. Replace vinyl floor tiles, exterior and interior doors, termite damaged stairs, roof gutters, garbage disposers, bathroom fixtures, water heaters, lavatories, tubs, electrical receptacles, switches and panel board, and rewire applicable circuits. Includes concurrent improvements at a cost of $3,855,000.	51,301	3,334.6

Family Housing, Navy and Marine Corps
LEASING

(In Thousands)

FY 1992 Program $72,900
FY 1991 Program $46,475

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

A summary of the funding program for Fiscal Year 1992 follows:

	FY 90		FY 91		FY 92	
	Yr End Units	Cost ($000)	Authorization Units	Cost ($000)	Authorization Units	Cost ($000)
Domestic:						
Navy	874	11,325	5,707	14,555	6,050	32,532
Marine Corps	0	346	800	1,219	800	2,400
Foreign:	1,712	23,384	3,217	30,701	3,217	37,968
Total:	2,586	35,055	9,724	46,475	10,067	72,900

JUSTIFICATION

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation. This program consists of leasing on an interim basis until Section 801 and/or military construction (MILCON) units come on line.

Section 801 of the FY 84 Military Construction Authorization Act (PL 98-115) authorizes the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was considered a test and would have expired upon execution of contracts no later than 1 October 1985. The Navy sites chosen for testing Section 801 were Norfolk, Virginia, and Earle, New Jersey. The Section 801 program has been extended through the end of FY 1991. The Navy has awarded contracts for Section 801 projects at Norfolk, VA (300 units), Earle, NJ (300 units), Mayport, FL (200 units), Staten Island, NY (1,202 units) and Washington, DC (600). There are nine additional projects underway for a total of 3,100 units. A total of 1,495 units are scheduled to start coming on line in FY 1992. The Navy expects to award contracts for all 6,200 Section 801 lease points by 30 September 1991.

Domestic Leasing Fiscal Year Summary:

FY 1990 - The domestic lease program consisted of 874 units that required funding of $11,671.2. Funding in the amount of $10,804.3 provided full funding for Section 801 projects at Earle, Norfolk, and Mayport. An additional $866.9 provided support for domestic short term leasing in Key West, FL, Staten Island, NY, and Washington, DC.

FY 1991 - The domestic lease program consisted of 1,465 units that required funding of $15,773.8. Funding in the amount of $13,966.3 provided full funding for Section 801 projects at Earle, Norfolk, Mayport and Washington, DC. An Additional $1,807.5 supported domestic short term leases in Glenview, IL, Washington, DC, and at two Marine Corps Bases in California--San Diego, and Camp Pendleton.

FY 1992 - The domestic lease program consist of 3,225 units required funding of $34,932.1. Funding in the amount of $30,278.0 is requested to provide funding for Section 801 projects at ten Navy activities. The remaining $4,654.1 is required to support domestic short term leases in Washington, DC and at four Marine Corps Bases in California--San Diego, Camp Pendleton, El Toro and Twentynine Palms.

Statutory thresholds combined with the scarcity of affordable housing in urban areas inhibit the potential for short term leasing as an answer to Navy family housing requirements. Furthermore, these conditions enhance the need for the long term security provided by Section 801 housing. The economics of the rental markets, in conjunction with the limited supply of housing units, exemplifies the urgency of pursuing more concrete solutions to satisfying our housing needs.

Foreign Leasing: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

The FY 1990 unit authorization consisted of 1,992 units of which 1,712 required funding. The authorization difference of 280 units was due to anticipated delay of requirements for lease execution in various locations.

The FY 1991 unit authorization consisted of 3,217 units of which 2,053 required funding. The leases support the leasing program at Naples, La Maddalena and Sigonella, Italy, and individual leases at Rome, Italy and Rota Spain.

The FY 1992 unit authorization consists of 3,217 units of which 2,528 require funding. The authorization difference of 689 is to support lease initiatives at Naples, Sigonella, and La Maddalena that do not require funding until FY 1993.

FAMILY HOUSING, DEPARTMENT OF THE NAVY

ANALYSIS OF LEASED UNITS

(Other than Section 801 and Section 802 Units)

FY 1992

Location	FY 1990 Units Authorized	FY 1990 Lease Months	FY 1990 Cost ($000)	FY 1991 Units Authorized	FY 1991 Lease Months	FY 1991 Cost ($000)	FY 1992 Units Authorized	FY 1992 Lease Months	FY 1992 Cost (000)
DOMESTIC LEASING									
Navy									
Key West, FL	37	401	393.5	24	88	0	0	0	0.0
Glenview, IL	0	0	0	33	246	175.1	0	0	0.0
New York, NY	8	58	61.5	0	0	0	0	0	0.0
Washington, DC	50	155	411.9	50	600	432.4	450	2,976	2,254.1
Marine Corps									
El Toro, CA	0	0	0	50	0	0	50	450	600.0
Pendleton, CA	0	0	0	50	600	600.0	50	600	600.0
San Diego, CA	50	0	0.0	50	450	600.0	50	600	600.0
Twentynine Palms	0	0	0	50	0	0	50	450	600.0
TOTAL DOMESTIC LEASES	145	614	866.9	307	1,984	1,807.5	650	5,076	4,654.1

FAMILY HOUSING, DEPARTMENT OF THE NAVY

ANALYSIS OF LEASED UNITS

(Other than Section 801 and Section 802 Units)

FY 1992

Location	FY 1990			FY 1991			FY 1992		
	Units Authorized	Lease Months	Cost ($000)	Units Authorized	Lease Months	Cost ($000)	Units Authorized	Lease Months	Cost (000)
FOREIGN LEASES									
(a) Athens	1	12	18.7	1	12	18.7	1	12	18.9
(a) Bahrain	1	12	51.4	1	12	43.1	1	12	53.1
(c) Bangkok	8	80	242.8	10	108	242.4	10	120	331.2
(b) Edzell	102	1,224	1,066.0	102	1,224	869.0	102	1,224	870.0
(a) (b) Holy Loch	436	4,452	4,255.7	436	4,704	4,650.9	436	5,220	4,915.7
(a) Hong Kong	7	69	235.0	7	84	266.8	7	84	313.9
(c) Jakarta	9	76	85.8	20	112	840.0	20	240	863.8
(a)(b)LaMaddalena	194	1,962	2,524.2	285	1,980	2,736.4	285	2,400	3,055.0
(a) Lisbon	1	12	50.4	1	12	81.3	1	12	82.9
(a) London	84	1,008	1,514.4	84	1,008	1,810.4	84	1,008	1,757.1
(a) Manila	53	528	725.6	41	414	545.0	41	360	583.8
(a)(b) Naples	510	6,120	6,471.9	1,285	7,520	11,630.6	1,285	9,520	11,567.2
(a) Nea Makri	1	10	16.7	0	0	0.0	0	0	0.0
(c) New Delhi	1	12	42.4	1	12	47.6	1	12	83.9
(a) Oslo	1	12	26.8	1	12	19.8	1	12	20.6
(a) Rome	11	0	0.0	14	168	578.2	14	168	609.2
(a) Rota	25	138	103.3	25	300	296.4	25	300	421.2
(a)(b) Sigonella	496	3,708	5,412.6	852	3,708	5,505.5	852	5,008	11,857.9
(a) Souda Bay	1	3	2.7	1	6	6.4	1	12	11.2
(b) Thurso	50	600	537.5	50	600	512.7	50	600	551.5
TOTAL FOREIGN LEASES	1,992	20,038	23,383.9	3,217	21,996	30,701.2	3,217	26,324	37,968.1
GRAND TOTAL	2,137	20,652	24,250.8	3,524	23,980	32,508.7	3,867	31,400	42,622.2

(a) Individual leases
(b) Lease construction
(c) Department of State Leasing Pool

Family Housing, Department of the Navy
FY 1992, Section 801 Family Housing Summary
(Dollars in Thousands)

Location	No. of Units	FY of Initial Auth	Date of Award	Date of Full Occup	Total Annual Costs	FY 1991 Units	FY 1991 Costs	FY 1992 Units	Approp Request
NAVY									
Section 801 Housing									
Earle, NJ	300	1984	10/88	5/90	4,376.3	300	4,316.2	300	4,376.3
Norfolk, VA	300	1984	2/86	1/88	4,100.0	300	4,013.7	300	4,100.0
Mayport, FL	200	1986	8/86	2/89	1,612.8	200	1,556.8	200	1,612.8
Staten Island, NY	1,202	1987	6/89	5/92	19,740.0	100	300.0	950	9,038.0
San Diego, CA	491	1988	9/91	11/93	4,114.0	0	0.0	0	0.0
Long Beach, CA	300	1988	8/91	8/93	5,014.8	0	0.0	100	208.9
Washington, DC	600	1988	9/89	12/91	8,502.0	382	1,321.7	600	8,502.0
Washington, DC	414	1990	8/91	10/92	5,842.0	0	0.0	27	108.3
Warminster, PA	200	1990	9/91	9/94	2,840.0	0	0.0	0	0.0
Dahlgren, VA	150	1990	8/91	10/93	2,130.0	0	0.0	0	0.0
New London, CT	300	1990	8/91	7/94	4,260.0	0	0.0	0	0.0
Pensacola, FL	300	1990	5/91	3/92	2,396.7	0	0.0	300	1,198.4
Whidbey Island, WA	300	1990	9/91	9/93	3,870.0	0	0.0	0	0.0
Unassigned	543								
Planning and Execution									
Various Locations							2,438.9		1,133.3
Total 801, Navy	5,600				68,798.6	1,282	13,947.3	2,777	30,278.0
MARINE CORPS									
Twentynine Palms, CA	600	1984	9/91	3/94	6,179.1	0	0.0	0	0.0
Planning and Execution							19.0	0	0.0

FY 1992
FAMILY HOUSING, NAVY
DEBT PAYMENT
($000)

(In thousands)	
FY 1992 Program	$ 90
FY 1991 Program	$ 98

Purpose and Scope

The requirement for the payment of principal and interest on the remaining indebtedness for Capehart and acquired Wherry housing has been completed. All mortgages have been paid off as of 30 September 1988 for the Wherry housing and as of 30 September 1989 for the Capehart housing. The only remaining requirement for this program is the payment of Servicemen's Mortgage Insurance Premiums to FHA for mortgages assumed by active military personnel on housing purchased by them.

Program Summary

Authorization required for the appropriation is $ 90,000. No reimbursements will be used to finance the FY 1992 program pursuant to Section 511, Public Law 96-418.

TOA	FY 1991	FY 1992
Interest		
Capehart and Wherry	-0-	-0-
Mortgage Insurance Premiums		
Servicemember's		
Navy	89	87
Marine Corps	9	3
Total Obligating Authority	98	90
Budget Authority:	98	90
Appropriation	98	90
Portion Applied to Debt Reduction	-0-	-0-
Appropriation (adjusted)	98	90

FAMILY HOUSING, NAVY
FY 1992 BUDGET
SERVICEMEN'S MORTAGE INSURANCE PREMUIMS

This program provides for the payment of premiums due on mortage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a serviceman dies while on active duty and leaves a surviving widow as owner of the property. Payments extend for a period of two years after death or until the widow disposes of the property, whichever occurs first. The maximum amount insurable by FHA is $67,500. The premium rate is 1/2 of 1% of the unpaid balance of the mortgage. The Department of Housing and Urban Development stopped processing applications for servicemen's mortgage insurance premiums as of 31 March 1980 with the discontinuance of Section 222 of the Housing Act.

	FY1991			FY1992		
	NAVY	MARINE CORPS	TOTAL	NAVY	MARINE CORPS	TOTAL
No. of Mortgages	635	64	699	621	21	642
Average Payment	$140	$140	$140	$140	$140	$140
Total Payment	$ 89,000	$ 9,000	$ 98,000	$ 87,000	$ 3,000	$ 90,000

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF DEFENSE BUSINESS OPERATIONS FUND PROJECTS

STATE/ COUNTRY	PROJ NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH REQUEST ($000)	APPROP. REQUEST ($000)	% DESIGN AS OF JAN 91	PAGE NO.
		INSIDE THE UNITED STATES				
California		Naval Weapons Center, China Lake				
	454	Integrated Naval Air Defense System Facility	$ 16,600	($ 16,600)	60	501
		Naval Weapons Station, Concord				
	289	Missile Test Cell	1,250	(1,250)	40	505
		Naval Weapons Station Annex, Fallbrook				
	151	Missile Production Facility	9,700	(9,700)	40	507
		Naval Supply Center, San Diego				
	041	Fire Protection System	1,750	(1,750)	40	509
		Navy Public Works Center San Diego				
	079	Automotive Vehicle Maintenance Shop	9,300	(9,300)	40	511
	116	Electrical Distribution System Upgrade	7,500	(7,500)	50	513
		Naval Weapons Station, Seal Beach				
	134	Tomahawk Missile Magazine	3,780	(3,780)	40	515
	TOTAL - California		49,880	(49,880)		
Florida		Naval Aviation Depot Jacksonville				
	615	Industrial Waste Treatment Facility	3,300	(3,300)	100	562
		Naval Supply Center, Pensacola				
	271	Cold Storage Warehouse	5,700	(5,700)	40	517
	TOTAL - Florida		9,000	(9,000)		
Hawaii		Naval Shipyard, Pearl Harbor				
	256	Fire Protection System	800	(800)	60	564

( ) Non-add

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF DEFENSE BUSINESS OPERATIONS FUND PROJECTS
(CONTINUED)

STATE/ COUNTRY	PROJ NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH REQUEST ($000)	APPROP. REQUEST ($000)	% DESIGN AS OF JAN 91	PAGE NO.
Hawaii (Cont'd)		Navy Public Works Center, Pearl Harbor				
	472	Sewage System Improvements	$ 1,650	($ 1,650)	50	521
	478	Wastewater Treatment Plant Modifications	1,250	(1,250)	40	523
	482	Wastewater Treatment Plant Expansion	10,540	(10,540)	50	562
	TOTAL - Hawaii		14,240	(14,240)		
Indiana		Naval Weapons Support Center, Crane				
	238	Pest Control Facility	750	(750)	90	564
	TOTAL - Indiana		750	(750)		
Maryland		Naval Ordnance Station, Indian Head				
	106	Industrial Wastewater Treatment Facility (Increment II)	6,600	(6,600)	85	562
	TOTAL - Maryland		6,600	(6,600)		
New Jersey		Naval Weapons Station, Earle				
	949A	Trestles Replacement (Phase II)	0	(36,500)	100	525
	TOTAL - New Jersey		0	(36,500)		
North Carolina		Naval Aviation Depot, Cherry Point				
	507	Aircraft Accessories Overhaul Shop	7,700	(7,700)	50	527
	TOTAL - North Carolina		7,700	(7,700)		
South Carolina		Naval Weapons Station, Charleston				
	803	High Explosive Magazine	1,100	(1,100)	35	531
	783	Tomahawk Missile Magazines	2,150	(2,150)	35	533
	TOTAL - South Carolina		3,250	(3,250)		

( ) Non-add

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF DEFENSE BUSINESS OPERATIONS FUND PROJECTS
(CONTINUED)

STATE/ COUNTRY	PROJ NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH REQUEST ($000)	APPROP. REQUEST ($000)	% DESIGN AS OF JAN 91	PAGE NO.
Virginia		Naval Surface Warfare Center, Dahlgren				
	225	Electronic Systems Laboratory	$ 8,100	($8,100)	45	535
	262	Fleet Requirements Support Building	10,180	(10,180)	100	537
		Naval Supply Center, Norfolk				
	648	Administrative Office	1,250	(1,250)	90	539
		Navy Public Works Center, Norfolk				
	826	Electrical Distribution Lines	3,150	(3,150)	40	541
	822	Steam Distribution System Improvements	4,150	(4,150)	50	543
		Naval Weapons Station, Yorktown				
	415	Tomahawk Missile Magazines	4,650	(4,650)	50	545
	TOTAL-	Virginia	31,480	(31,480)		
Washington		Puget Sound Naval Supply Center, Bremerton				
	233	Hazardous and Flammable Storehouse	12,550	(12,550)	40	547
		Puget Sound Naval Shipyard, Bremerton				
	270	Inactive Submarine Mooring Facility	3,300	(3,300)	40	549
	622	Industrial Support Complex (Increment II)	23,500	(23,500)	40	551
	293	Mooring Platform	1,200	(1,200)	40	553
	275	Pier Upgrade	11,700	(11,700)	40	555
	TOTAL -	Washington	52,250	(52,250)		

( ) Non-add

DEPARTMENT OF THE NAVY
FY 1992 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM
INDEX OF DEFENSE BUSINESS OPERATIONS FUND PROJECTS
(CONTINUED)

STATE/ COUNTRY	PROJ NO.	INSTALLATION/LOCATION PROJECT TITLE	AUTH REQUEST ($000)	APPROP. REQUEST ($000)	% DESIGN AS OF JAN 91	PAGE NO.
		OUTSIDE THE UNITED STATES				
Guam		Navy Public Works Center				
	212	Oil Spill Prevention	$ 670	($ 670)	50	561
	TOTAL - Guam		670	(670)		
Iceland		Naval Air Station, Keflavik				
	464	Fuel Facilities (Increment VII)	9,300	(9,300)	50	557
	TOTAL - Iceland		9,300	(9,300)		
TOTAL - FY 1992 DEFENSE BUSINESS OPERATIONS FUND PROJECTS			185,120	(221,620)*		

( ) Non-add
* Budgeted in other appropriations.

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA	INTEGRATED NAVAL AIR DEFENSE SYSTEM FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	317.15	P-454	16,600 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
INTEGRATED NAVAL AIR DEFENSE SYSTEM FACILITY	SF	38,400	-	7,530
ENGINEERING SUPPORT BUILDING	SF	23,650	150.00	(3,550)
DETECTION SYSTEM LABORATORY	SF	14,150	149.00	(2,110)
PUMPHOUSE	SF	600	200.00	(120)
BUILT-IN EQUIPMENT	LS	-	-	(1,750)
SUPPORTING FACILITIES	-	-	-	7,380
ELECTRICAL UTILITIES	LS	-	-	(2,140)
MECHANICAL UTILITIES	LS	-	-	(1,070)
PAVING AND SITE IMPROVEMENT	LS	-	-	(4,170)
SUBTOTAL	-	-	-	14,910
CONTINGENCY (5.0%)	-	-	-	750
TOTAL CONTRACT COST	-	-	-	15,660
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	940
TOTAL REQUEST	-	-	-	16,600
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(165,550)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two single-story concrete and masonry buildings, concrete floors, masonry walls, and insulated roof deck with built-up roof; single-story pre-engineered pumphouse; covered van parking, covered storage and work area grounding, raised computer flooring, secure work areas and vaults, fire protection system, CO2 fire protection system; twelve concrete tie down pads, 60-foot antenna collimation tower; 60,000-gallon storage tank; extend distribution system 2.5 miles; upgrade and construct 34.5-KW substations; utilities; access roads, parking, security fencing.

** REQUIREMENT: 43,120 SF ADEQUATE: 4,720 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs facilities at the Electronic Warfare Threat Environment Simulation (EWTES) range to house five sea-based threat radar simulators with support equipment and six tie down pads for emitter simulator (ES) vans at Sea Site 3, plus engineering support facilities to maintain the 50 unique range radars and simulators. (New mission.)

REQUIREMENT:
This center's EWTES range provides a unique capability to evaluate electronic countermeasures equipment, defense suppression techniques and aerial tactics against threat ship search and fire control radars. The Integrated Naval Air Defense Simulation (INADS) program is expanding the EWTES range capability to simulate multiple-single ship and task force naval elements. The INADS program is buying $125.6 million worth of new threat radars and simulators to provide the new capability. Facilities are needed for five additional threat radars and five Emitter Simulator (ES) systems with control van at Sea Site 3 and engineering support facilities to maintain the 50 threat, ES, gun control, acquisition, and reference radars valued at over $500M that will comprise the EWTES range by 1992.

CURRENT SITUATION:
Sea Site 3 has not been developed, however two of the threat radars (K-2 & J-15), that will be located at Sea Site 3, arrived in 1988. The

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
INTEGRATED NAVAL AIR DEFENSE SYSTEM FACILITY	P-454

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
remaining radar and ES systems are to be delivered in 1991 through 1994. These systems must have facilities to house, power, reconfigure, maintain and update the threat test resources, insuring that the EWTES range provides a realistic operational environment well into the 21st century.

IMPACT IF NOT PROVIDED:
The $125.6 million worth of threat radars and simulators being purchased under Phase 2 of the INADS program will be unusable. The Phase 1 equipment deployed (valued at $153 million) will be seriously impacted by workarounds to accommodate the lack of Sea Site 3 facilities. The U.S. capability to simulate threat engagements against task force size elements will be delayed, placing our aircraft and pilots at greater risk in the event of war.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	60
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(800)
(B) ALL OTHER DESIGN COSTS	(194)
(C) TOTAL	994
(D) CONTRACT	(974)
(E) IN-HOUSE	(20)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
CROSSBOW GENERIC RADAR PE#64255	RDTE	1988	37,600
WEAPONS SYSTEM RADAR PE#64255	RDTE	1988	8,300
WEAPONS SYSTEM RADAR PE#64255	RDTE	1988 - 1992	58,580
EARLY WARNING RADAR PE#64255	RDTE	1989 - 1992	24,800
EMITTER SIMULATOR PE#64255	RDTE	1989 - 1991	5,400
EMITTER SIMULATOR PE#64255	RDTE	1992	1,500
EMITTER SIMULATOR PE#64255	RDTE	1992	2,000
EMITTER SIMULATOR PE#64255	RDTE	1992	800
EMITTER SIMULATOR	RDTE	1992	700

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

2. INSTALLATION AND LOCATION

NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
INTEGRATED NAVAL AIR DEFENSE SYSTEM FACILITY	P-454

12. SUPPLEMENTAL DATA: (CONTINUED)

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
CONTROL VAN PE#64255			
EQUIPMENT INSTALLATION AND SOFTWARE PE#64255	RDTE	1990 - 1992	2,000
GLOBAL POSITIONING SYSTEM	OSD	1989 - 1992	16,400
WEAPONS SYSTEM PE#64255	RDTE	1988 - 1989	1,270
WEAPONS SYSTEMS RADAR PE#64255	RDTE	1990	6,200
		TOTAL	165,550

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, CONCORD, CALIFORNIA	MISSILE TEST CELL

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	212.10	P-289	1,250 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MISSILE TEST CELL	SF	1,760	540.00	950
SUPPORTING FACILITIES	-	-	-	170
UTILITIES, PAVING, SITE IMPROVEMENT & DEMO	LS	-	-	(170)
SUBTOTAL	-	-	-	1,120
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,180
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Reinforced concrete test cell, concrete foundation, floor and walls, built-up roof over concrete roof deck, fire protection system, temperature and humidity control systems, utilities; connecting corridor to control building, rocket motor exhaust and debris barricade; demolition of two test cells.

11. REQUIREMENT: 1,760 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a test cell for missiles. (New mission.)

REQUIREMENT:
Adequate facilities in which missiles can be tested for operational readiness and circuitry continuity. The increasing workload requires an additional test cell be sited adjacent to the station's missile intermediate maintenance facility. The combined workload will require three test cells. Two new test cells were recently constructed. Two old test cells present a hazard to personnel in the maintenance facility in case of an accidental explosion. These existing substandard test cells will be demolished.

CURRENT SITUATION:
The two existing test cells must operate under a waiver because they do not meet overpressure criteria for personnel working in adjacent structures. The approved design for the new test cells requires thicker walls and roofs, additional space for the newer configurations of missiles, and associated test equipment and safety features.

IMPACT IF NOT PROVIDED:
Full fleet readiness with the new missiles will be adversely affected. Existing test cells must continue to be operated under an explosive safety waiver, leaving personnel in the adjacent facility subjected to potential injury in the event of an accidental explosion.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, CONCORD, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
MISSILE TEST CELL	P-289

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(65)
(B) ALL OTHER DESIGN COSTS	(50)
(C) TOTAL	115
(D) CONTRACT	(95)
(E) IN-HOUSE	(20)

(4) CONSTRUCTION START 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION ANNEX, FALLBROOK, CALIFORNIA	MISSILE PRODUCTION FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702031N	212.30	P-151	9,700 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MISSILE PRODUCTION FACILITY	SF	51,980	-	7,830
PRODUCTION AREA	SF	42,020	146.00	(6,130)
TEST CELLS	SF	5,790	254.00	(1,470)
LOADING DOCK	SF	4,170	55.00	(230)
SUPPORTING FACILITIES	-	-	-	880
UTILITIES	LS	-	-	(530)
PAVING AND SITE IMPROVEMENT	LS	-	-	(350)
SUBTOTAL	-	-	-	8,710
CONTINGENCY (5.0%)	-	-	-	440
TOTAL CONTRACT COST	-	-	-	9,150
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	550
TOTAL REQUEST	-	-	-	9,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)(	0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story rectangular steel-frame structure, with four type-II explosive test cells, loading dock, overhead grounding cables, overhead bridge cranes, 25' minimum door size, climate control, compressed air service, lighting, and fencing.

11. REQUIREMENT: 106,580 SF ADEQUATE: 56,600 SF SUBSTANDARD 0 SF

PROJECT:
Constructs a missile assembly and test facility including four missile test cells. (New mission.)

REQUIREMENT:
Adequate facilities in which to perform intermediate level maintenance, assembly and check-out of live air-to-air and air-to-ground missiles including HARM, HELLFIRE, INFRARED and LASER MAVERICK, SIDEARM and SKIPPER missiles. These weapons must be inspected, repaired, tested for operational readiness and packaged for storage in ready-for-issue condition in safe and adequately sized facilities. Facilities must have dust, humidity and temperature control and special explosive safety features. Nine test cells of an approved design are required for all-up-round operational readiness tests by Fiscal Year 1993.

CURRENT SITUATION:
Current and projected missile systems assembly and inspection functions requiring intermediate level maintenance support will exceed the capacity of the existing facilities. Existing facilities consist of one building with a large work bay and four test cells and a small building that was upgraded and provided with one approved test cell for WALLEYE by Fiscal Year 1988 MILCON project P-135. Ongoing intermediate level maintenance support of SIDEWINDER, PHOENIX, SHRIKE and WALLEYE in these facilities precludes the accomplishment of maintenance workload on the newer missile systems beyond Fiscal Year 1992.

IMPACT IF NOT PROVIDED:
Maintenance and check-out support for HARM, HELLFIRE, MAVERICK, SIDEARM and SKIPPER will not be possible beyond Fiscal Year 1992. Operational

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION ANNEX, FALLBROOK, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
MISSILE PRODUCTION FACILITY	P-151

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
readiness and serviceability of the air-launched missile systems will be degraded resulting in serious deficiencies in these programs that are vital to the Nation's defense.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO_X_

(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(375)
(B)	ALL OTHER DESIGN COSTS	(250)
(C)	TOTAL	625
(D)	CONTRACT	(600)
(E)	IN-HOUSE	(25)

(4) CONSTRUCTION START: 03-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUPPLY CENTER, SAN DIEGO, CALIFORNIA	FIRE PROTECTION SYSTEM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702896N	441.10	P-041	1,750 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FIRE PROTECTION SYSTEM	SF	323,200	-	1,410
WET PIPE SPRINKLER SYSTEM	SF	323,200	3.20	(1,030)
FIRE ALARM UPGRADE	LS	-	-	(330)
FIRE PUMP	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	160
UTILITIES	LS	-	-	(160)
SUBTOTAL	-	-	-	1,570
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,650
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,750
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Wet pipe automatic sprinkler system, upgrade fire alarm system, fire booster pump.

11. REQUIREMENT: 323,200 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Provides a fire protection system for a major warehouse. (Current mission.)

REQUIREMENT:

A modern and efficient fire protection system that conforms with National Fire Protection Association standards for indoor general and rack storage of materials in a warehouse. This system is needed to protect the health of personnel and millions of dollars worth of material and equipment, including high-value components. This facility also houses local delivery operations, a servmart, administrative functions and critical data processing functions which must be kept in operation at all times.

CURRENT SITUATION:

A fire protection engineering survey of the warehouse, which was built in the mid-1940's, concluded that automatic fire sprinkler systems, improved fire alarm systems, fire retardant doors, adequate emergency lights, and illuminated exit signs are needed to bring the building within current fire safety standards.

IMPACT IF NOT PROVIDED:

Failure to provide the necessary fire protection will risk loss of lives and destruction of the building and the equipment and material stored therein. In the event of a fire, this destruction would seriously hamper operations of this center, shore activities, and the fleet.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUPPLY CENTER, SAN DIEGO, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
FIRE PROTECTION SYSTEM	P-041

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(170)
(B)	ALL OTHER DESIGN COSTS	(220)
(C)	TOTAL	390
(D)	CONTRACT	(334)
(E)	IN-HOUSE	(56)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVY PUBLIC WORKS CENTER, SAN DIEGO, CALIFORNIA	AUTOMOTIVE VEHICLE MAINTENANCE SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	214.20	P-079	9,300 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AUTOMOTIVE VEHICLE MAINTENANCE SHOP	SF	86,880	-	6,650
MAINTENANCE SHOP AND VEHICLE HOLDING SHED	SF	86,880	74.00	(6,430)
ROAD REALIGNMENT	LS	-	-	(220)
SUPPORTING FACILITIES	-	-	-	1,700
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(200)
ELECTRICAL UTILITIES	LS	-	-	(240)
MECHANICAL UTILITIES	LS	-	-	(250)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(1,010)
SUBTOTAL	-	-	-	8,350
CONTINGENCY (5.0%)	-	-	-	420
TOTAL CONTRACT COST	-	-	-	8,770
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	530
TOTAL REQUEST	-	-	-	9,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One and two-story building with high-bay maintenance areas, pile and grade beam foundation, rigid steel frame with pre-fabricated wall panels at shop areas, concrete masonry walls at two-story areas, built-up roof over insulated metal decking, fire protection system, utilities, demolition of four buildings.

11. REQUIREMENT: 86,880 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs automotive and heavy equipment maintenance shops and vehicle holding building. (Current mission.)

REQUIREMENT:

Adequate and properly-configured work spaces located to provide vehicle and equipment maintenance services efficiently and economically and to directly support the Fleet and waterside activities. The transportation department of this center develops and administers a comprehensive management program including the determination of vehicle requirements, assignments and maintenance and operations procedures. It is necessary to consolidate the present maintenance and storage functions from six scattered buildings into one to provide efficient, responsive service to the customers.

CURRENT SITUATION:

This center employs 180 personnel in the transportation shops in facilities never designed for this purpose and which are extremely inadequate. These facilities do not comply with seismic or fire protection standards and cannot be upgraded. The heavy equipment shops lack adequate height clearances, presenting hazardous conditions for the workers. The dispersed locations of the old wooden structures create operational problems for the department. Costs of transportation services to customers are higher than necessary because of the extra time spent traveling between the various shops and customer areas.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVY PUBLIC WORKS CENTER, SAN DIEGO, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
AUTOMOTIVE VEHICLE MAINTENANCE SHOP	P-079

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:
Fragmented transportation operations will continue to be housed in extremely inadequate facilities with resulting adverse impact on the timeliness and quality of support to the Fleet and associated waterfront activities. Personnel will continue to be exposed to safety and fire hazards.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	05-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	10-90
(D)	DATE DESIGN COMPLETE	08-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(394)
(B)	ALL OTHER DESIGN COSTS	(256)
(C)	TOTAL	650
(D)	CONTRACT	(580)
(E)	IN-HOUSE	(70)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVY PUBLIC WORKS CENTER, SAN DIEGO, CALIFORNIA	ELECTRICAL DISTRIBUTION SYSTEM UPGRADE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	812.30	P-116	7,500 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	LS	-	-	6,180
SUPPORTING FACILITIES	-	-	-	560
PAVING AND SITE IMPROVEMENT	LS	-	-	(560)
SUBTOTAL	-	-	-	6,740
CONTINGENCY (5.0%)	-	-	-	340
TOTAL CONTRACT COST	-	-	-	7,080
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	420
TOTAL REQUEST	-	-	-	7,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(C)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Switching station electrical and telephone duct system with manholes, substations and 15KV cables; upgrade existing switching station; remove existing 2.4KV distribution system and replace with new 12KV system; security area lighting.

11 REQUIREMENT: AS REQUIRED

PROJECT:

Upgrades the primary electrical distribution system for Naval activities on Point Loma, provides loop feeders, and replaces obsolete transformers and switching stations. (Current mission.)

REQUIREMENT:

Increase the electrical system's reliability, reduce potential environmental hazards from PCB transformers, and provide power for current and future construction. The existing dual-voltage radial feeder system must be converted to a single 12,000 volt, loop-feed system to increase system reliability and minimize maintenance requirements and outage time.

CURRENT SITUATION:

The widely-separated Naval activities and facilities are served by radial feeders from a central trunk line, making them vulnerable to accident or sabotage and, subsequently, extensive downtime. The older portions of the part-overhead and part-underground distribution system were built in 1922 and are subject to frequent failure. Long power outages, frequently required to make repairs, affect all facilities connected to the radial feeder involved. The existing low-voltage part of the system runs across rugged terrain with no maintained access roads. Several of the transformers are over 25 years old and contain PCB oil.

IMPACT IF NOT PROVIDED:

Interruption of electrical service to vital Point Loma Naval Complex fleet support operations will become more frequent as cables and equipment continue to fail due to age and deterioration. Incidents involving PCB-filled transformers may render an entire area hazardous to

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVY PUBLIC WORKS CENTER, SAN DIEGO, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRICAL DISTRIBUTION SYSTEM UPGRADE	P-116

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
nearby personnel. Electrical service for construction completion will require expensive piecemeal upgrading.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-89
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	08-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(350)
(B)	ALL OTHER DESIGN COSTS	(160)
(C)	TOTAL	510
(D)	CONTRACT	(485)
(E)	IN-HOUSE	(25)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, SEAL BEACH, CALIFORNIA	TOMAHAWK MISSILE MAGAZINE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702031N	421.72	P-134	3,780 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TOMAHAWK MISSILE MAGAZINE	SF	13,180	-	2,000
MAGAZINE	SF	9,000	202.00	(1,820)
LOADING DOCK	SF	4,180	43.00	(180)
SUPPORTING FACILITIES	-	-	-	1,400
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,040)
UTILITIES	LS	-	-	(200)
PAVING AND SITE IMPROVEMENT	LS	-	-	(160)
SUBTOTAL	-	-	-	3,400
CONTINGENCY (5.0%)	-	-	-	170
TOTAL CONTRACT COST	-	-	-	3,570
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	210
TOTAL REQUEST	-	-	-	3,780
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One reinforced concrete, earth-covered, missile magazine, asphalt paving, railroad spur with switch, loading dock, dehumidifier system, lightning protection, provisions for security requirements, fire protection system, and soil surcharge.

11. REQUIREMENT: 31,180 SF ADEQUATE: 18,000 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs missile magazine. (New mission.)

REQUIREMENT:
Adequate storage of TOMAHAWK missiles in shipping and storage containers and vertical launch system (VLS) encanistered ready-for-issue and all-up-round (AUR) configurations requires magazines designed for missile storage.

CURRENT SITUATION:
Projected missile storage requirements will result in a shortage of one magazine by 1993. New or reworked assembled missiles are stored prior to loading into canisters or being placed in the AUR configuration. TOMAHAWK missiles are moved to the canister loading facility, placed into canisters, and returned to storage awaiting Fleet issue. Fleet returns are also stored in the magazines awaiting missile rework or testing. Two storage magazines have been provided for TOMAHAWK missiles in prior-year Military Construction programs. Other existing missile storage consists of 40-year-old conventional ordnance magazines. These magazines do not provide efficient storage of missiles because of inadequate interior clear space between columns and narrow loading docks and door widths. These magazines will not meet the projected storage requirement.

IMPACT IF NOT PROVIDED:
Storage of TOMAHAWK missiles to meet VLS requirements will not be possible. Using old ordnance magazines to meet a fraction of the total requirement will subject missiles to an increased potential for damage or an explosive mishap. Operational readiness vital to the national defense will be adversely affected.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, SEAL BEACH, CALIFORNIA

4. PROJECT TITLE	5. PROJECT NUMBER
TOMAHAWK MISSILE MAGAZINE	P-134

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO

(B) WHERE DESIGN WAS MOST RECENTLY USED: NWS SEAL BEACH

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(30)
(B) ALL OTHER DESIGN COSTS	(75)
(C) TOTAL	105
(D) CONTRACT	(50)
(E) IN-HOUSE	(55)

(4) CONSTRUCTION START: 11-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUPPLY CENTER, PENSACOLA, FLORIDA	COLD STORAGE WAREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702896N	431.10	P-271	5,700 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
COLD STORAGE WAREHOUSE	SF	47,020	-	3,500
COLD STORAGE AREA	SF	22,260	95.00	(2,110)
CONTROLLED HUMIDITY AREA	SF	17,460	56.00	(980)
GENERAL WAREHOUSE	SF	7,300	56.00	(410)
SUPPORTING FACILITIES	-	-	-	1,620
UTILITIES	LS	-	-	(140)
PAVING AND SITE IMPROVEMENT	LS	-	-	(1,130)
DEMOLITION	LS	-	-	(350)
SUBTOTAL	-	-	-	5,120
CONTINGENCY (5.0%)	-	-	-	260
TOTAL CONTRACT COST	-	-	-	5,380
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	320
TOTAL REQUEST	-	-	-	5,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame cold storage building, concrete foundation and floor, insulated precast concrete panel walls and insulated metal panel roof; includes freezer, chiller, dry storage, vestibule, and office areas; 23-foot stacking height; one-story pre-engineered metal warehouse building, concrete foundation and floor, metal panel walls and roof, fire protection system, air conditioning in administrative area. utilities; demolition of two buildings and removal of cold storage facilities from existing building.

11. REQUIREMENT: 47,020 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs cold storage and controlled humidity facilities. (Current mission.)

REQUIREMENT:
An adequate and energy efficient cold storage warehouse for frozen and chilled food products issued to fleet units and shore activities in the Pensacola area. This center provides regional supply services to Naval activities and units in the area, supports nine galleys, and coordinates its services with the Defense Logistics Agency (DLA). Through this coordination, this center provides only semi-perishable subsistence delivery to ships and local activities with direct perishable subsistence delivery support provided by DLA. The cold storage warehouse is sized to store only ship surge and local activity requirements. Without a central supply center, each of the nine supported galleys would have to have its own cold storage warehouse, resulting in high total operating costs. DLA's closest food storage facility is in New Orleans, several hundred miles away. Therefore, even in the event of consolidation, this facility will be required to properly support the Navy activities in the vicinity of Pensacola

CURRENT SITUATION:
The existing facility is 50 years old and not designed for modern standards of hygiene and material handling efficiency. It is remotely

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUPPLY CENTER, PENSACOLA, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
COLD STORAGE WAREHOUSE	P-271

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
located, deteriorated beyond economical repair, has no room for expansion, no enclosed loading dock, no dedicated battery recharging room, and constricted truck maneuvering area. In addition, it has an inadequate veterinary inspection area, low stacking heights, and inadequate storage capacity to ensure stock levels for 45 days. Refrigerated storage units have obsolete refrigeration systems subject to frequent breakdowns, for which repair parts are difficult to obtain. With Pensacola's high temperatures and humidity, inadequate storage of frozen products with an abnormally high amount of material handling causes deterioration.

IMPACT IF NOT PROVIDED:
Pensacola will continue to experience difficulty in supporting fleet units. Inadequate cold storage will continue product deterioration, excessive product handling, and unsatisfactory stock levels.

ADDITIONAL:
Perishable provisions (frozen and chilled foods) are supported through Defense Substance Offices (DSO), a tri-service organization. DSO's consolidate requirements, purchase the required provisions, and operate a number of cold storage plants as depot level operations to replenish the retail level cold storage operations. This system has grown over time and is generally very well consolidated on a regional basis. For instance, the cold storage plant at Oakland is a DSO operation. The Navy in Oakland receives its required support directly from this facility. However, in other regions of the country the Navy operates cold storage facilities to support its operations. This is in regions where the DSO is not located sufficiently close to the end user to provide the response required to meet quality of life and operational requirements. Discussions on Defense Management Review (DMR) 902 did not specifically address the topic of cold storage. Significant consolidations for perishable provisions have already taken place in all regions over time. Further, the customer base is well defined and the support facilities are located properly to support the existing customers.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	04-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(212)
(B)	ALL OTHER DESIGN COSTS	(36)
(C)	TOTAL	248
(D)	CONTRACT	(36)
(E)	IN-HOUSE	(212)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUPPLY CENTER, PENSACOLA, FLORIDA

4. PROJECT TITLE	5. PROJECT NUMBER
COLD STORAGE WAREHOUSE	P-271

12. SUPPLEMENTAL DATA: (CONTINUED)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	SEWAGE SYSTEM IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	831.10	P-472	1,650 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
SEWAGE SYSTEM IMPROVEMENTS	LS	-	-	1,480
SUBTOTAL	-	-	-	1,480
CONTINGENCY (5.0%)	-	-	-	70
TOTAL CONTRACT COST	-	-	-	1,550
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,650
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Primary feeders, manholes, transformers, auto transfer switches, motor control centers, switchgears; technical operating manuals, asbestos removal.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides electrical distribution system improvements for the primary sewage treatment and pumping facilities in the Pearl Harbor military complex. (Current mission.)

REQUIREMENT:

Electrical service to these facilities must comply with the standards set by the Environmental Protection Agency (EPA) in order to eliminate the major potential cause for untreated sewage overflows and National Pollution Discharge Elimination System (NPDES) violations. Under Hawaii law, NPDES violations are punishable by severe fines and imprisonment. In recent months, the State Department of Health has initiated enforcement actions against the City of Honolulu for sewage treatment violations. More recently, the Sierra Club Legal Defense Fund has filed citizen lawsuits asking a Federal Court to force the City to repair and upgrade its two main sewage treatment plants. The potential exists for similar scrutiny of the Navy facilities.

CURRENT SITUATION:

The electrical distribution systems serving the sewage treatment facilities do not meet the minimum standards set by the EPA in the areas of redundancy of feeders, breaker settings and fuze ratings. In the past, power outages have caused untreated sewage to overflow into Pearl Harbor in violation of the NPDES and State of Hawaii pollution laws.

IMPACT IF NOT PROVIDED:

In the event of a power outage or electrical distribution system failure, untreated sewage would overflow into Pearl Harbor. The potential public health hazard of untreated sewage being discharged into Pearl Harbor will continue. Unauthorized discharge of untreated sewage will result in

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
SEWAGE SYSTEM IMPROVEMENTS	P-472

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
severe penalties and possibly revocation of NPDES permit. Such action would have a disastrous effect on the Naval Base.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	50
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(74)
(B)	ALL OTHER DESIGN COSTS	(90)
(C)	TOTAL	164
(D)	CONTRACT	(153)
(E)	IN-HOUSE	(11)

(4) CONSTRUCTION START: 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	WASTEWATER TREATMENT PLANT MODIFICATIONS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	831.10	P-478	1,250 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
WASTEWATER TREATMENT PLANT MODIFICATIONS	LS	-	-	1,010
SUPPORTING FACILITIES	-	-	-	100
ELECTRICAL UTILITIES	LS	-	-	(100)
SUBTOTAL	-	-	-	1,110
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,170
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	80
TOTAL REQUEST	-	-	-	1,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Odor control equipment, containment covers, stainless steel ductwork, chemical wet scrubber, chlorination and chemical feed systems, exhaust fans, electrical distribution systems, utilities, technical operating manuals.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Provides collection system and chemical scrubbers to contain and treat the malodorous sewage gases. (Current mission.)

REQUIREMENT:
Adequate facilities to contain and treat sewage gases.

CURRENT SITUATION:
The wastewater treatment plant at Fort Kamenameha, constructed in 1969, occupies approximately seven acres within Hickam Air Force Base. It is owned, operated and maintained by the Navy. The plant, which is operating beyond rated capacity, releases obnoxious sewage gases into the atmosphere which drift across adjacent residential and base operating areas. Samples taken of the air and wastewater reveal the presence of high concentrations of hydrogen sulfide gas, which is not only very nauseous, but can actually be harmful to humans when exposed to it in large quantities. There are no effective odor control measures being implemented at the plant. The use of chemical additives and perfume "masking" have proven to be ineffective. Numerous complaints indicate that the odors from the plant will continue to be a serious nuisance to nearby communities until the proposed odor control measures are installed.

IMPACT IF NOT PROVIDED:
The neighboring community will continue to be exposed to the extremely obnoxious gases

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII

4. PROJECT TITLE	5. PROJECT NUMBER
WASTEWATER TREATMENT PLANT MODIFICATIONS	P-478

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	08-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(60)
(B)	ALL OTHER DESIGN COSTS	(55)
(C)	TOTAL	115
(D)	CONTRACT	(100)
(E)	IN-HOUSE	(15)

(4) CONSTRUCTION START 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, EARLE, NEW JERSEY	TRESTLES REPLACEMENT (PHASE II)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	151.10	P-949A	DBOF Request AUTH: 0 APPR: 36,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TRESTLES REPLACEMENT	LS	-	-	69,730
STRUCTURES	LS	-	-	(64,160)
RAILROAD TRACKAGE	LF	18,200	306.00	(5,570)
SUPPORTING FACILITIES	-	-	-	7,000
UTILITIES	LS	-	-	(5,000)
DEMOLITION	LS	-	-	(2,000)
SUBTOTAL	-	-	-	76,730
CONTINGENCY (5.0%)	-	-	-	3,840
TOTAL CONTRACT COST	-	-	-	80,570
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	4,830
SUBTOTAL	-	-	-	85,400
LESS: PHASE I FUNDING (FY91)	-	-	-	- 20,100
LESS: FUTURE PHASE III FUNDING	-	-	-	- 28,800
TOTAL REQUEST	-	-	-	36,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a reinforced concrete trestle adjacent to exsisting Trestles 1 and 2; 9,100 feet long, 46 feet wide on steel piles, two railroad tracks, two-lane roadway, utilities; demolition of existing trestles.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Replaces Trestles 1 and 2 from the shoreline outward into Sandy Hook Bay to the juncture with Trestle 4, a distance of two miles. (Current mission.)

REQUIREMENT:

The existing trestle, built in 1944, shows signs of severe structural deterioration and must be replaced to maintain safe access to the offshore piers for carrying out missions of ordnance loading and homeporting. Ordnance is transported by truck and railcar over this trestle enroute to and from storage magazines in the inland area of the weapons station. Homeport plan includes berthing of three ammunition ships (AE's) and two fast combat support ships (ADE's) which resupply the Atlantic Fleet while underway with ammunition, fuel and other vital provisions. This is the second of three phases to totally replace Trestles 1 and 2 from the shore to Trestle 4. Funding for phase I was approved in Fiscal Year 1991. Funding for phase III will be requested in Fiscal Year 1993.

CURRENT SITUATION:

Structural testing and analysis of the existing trestles show significant areas of deterioration with accelerating deterioration of the concrete deck caused by freeze-thaw cycles. The remaining life of the concrete deck, as assessed in the summer of 1988, may be limited to five more freeze-thaw cycles or about five years. Weight limitations have been placed on trucks and railcars resulting in increased loading times and costs

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, EARLE, NEW JERSEY

4. PROJECT TITLE	5. PROJECT NUMBER
TRESTLES REPLACEMENT (PHASE II)	P-949A

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:
The Navy will not have safe access from the shore to the pier complex at the end of Trestles 1 and 2 for transporting of ammunition, supplies and personnel.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	06-89
(B)	PERCENT COMPLETE AS OF JANUARY 1991	100
(C)	DATE DESIGN 35% COMPLETE	10-89
(D)	DATE DESIGN COMPLETE	07-90

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES___NO_X_
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(3,000)
(B)	ALL OTHER DESIGN COSTS	(250)
(C)	TOTAL	3,250
(D)	CONTRACT	(3,000)
(E)	IN-HOUSE	(250)

(4) CONSTRUCTION START: 12-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AVIATION DEPOT, CHERRY POINT, NORTH CAROLINA	AIRCRAFT ACCESSORIES OVERHAUL SHOP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702007N	211.37	P-507	7,700 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
AIRCRAFT ACCESSORIES OVERHAUL SHOP	SF	34,500	-	4,920
BUILDING ADDITIONS	SF	29,100	99.00	(2,880)
BUILDING ALTERATIONS	SF	5,400	35.00	(190)
ENGINE ADAPTORS	LS	-	-	(890)
BUILT-IN EQUIPMENT	LS	-	-	(960)
SUPPORTING FACILITIES	-	-	-	1,990
UTILITIES	LS	-	-	(580)
PAVING AND SITE IMPROVEMENT	LS	-	-	(400)
DEMOLITION	LS	-	-	(230)
REMOVAL	LS	-	-	(780)
SUBTOTAL	-	-	-	6,910
CONTINGENCY (5.0%)	-	-	-	350
TOTAL CONTRACT COST	-	-	-	7,260
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	440
TOTAL REQUEST	-	-	-	7,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	0

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One single-story and one two-story steel-frame building additions, concrete foundations and floors, masonry walls with brick facing, insulated built-up roof; building alterations: acoustic wall treatment, industrial water system connection, material handling system, engine adaptors, fire protection system, air conditioning, utilities; relocation of electric power generator system, substation, transformers, air conditioning, mechanical room, trailer, demountable test cells, fuel lines, shed, fire hydrants; demolition of two buildings and partial demolition of a third building; contaminated soil removal, special construction measures and foundation system modifications to prevent contamination of unaffected substrate soil.

11. REQUIREMENT: 34,500 SF ADEQUATE: 0 SF SUBSTANDARD: (5,400) SF

PROJECT:

Constructs additions to and alters the existing aircraft accessories rework building for the rework and testing of aircraft pneumatics systems, components and accessories. The new facility will include twelve small test cells, six control rooms, overhaul shops, and computer room. (Current mission.)

REQUIREMENT:

Additional shop space to accommodate a 45 percent increase in pneumatics workload associated with the new tri-service H-60 helicopter and other aircraft systems. Pnuematics systems on aircraft consist of small gas turbine engines, air compressors, and numerous small components. The systems are utilized in a wide range of applications in high-performance and conventional aircraft. The components and assemblies provide auxiliary power for operating on-board systems, power for aircraft start-up and in-flight refueling control. The systems are used during normal flight operations, in times of main engine failure for emergency re-start, and for ground maintenance functions. Cherry Point is the east coast overhaul depot for all Naval aircraft pneumatics systems and auxiliary power units. Introduction of new aircraft such as the AV-8B,

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AVIATION DEPOT, CHERRY POINT, NORTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT ACCESSORIES OVERHAUL SHOP	P-507

11. REQUIREMENT: (CONTINUED)

REQUIREMENT: (CONTINUED)

F/A-18, and SH-60B (LAMPS MK III) has generated increased workload. In addition, Cherry Point is the tri-service depot for pneumatics systems for the Army and Air Force versions of the H-60 helicopter and the Air Force KC-135 tanker aircraft. Rework of pnuematic systems consists of disassembly, inspection, repair or replacement of defective components, assembly and extensive testing in small test cells. Workload will increase from 830 units in 1985 to 1,191 units by 1992.

CURRENT SITUATION:

The shop area assigned to pnuematics systems overhaul is too small to adequately accommodate the existing workload. Crowded conditions subject operators to possible injury. Numerous hoses, lines, and protrusions inside the test cells interfere with engine set-up. This has caused storage problems and production constraints. The test cells are inadequate in size and number and will be replaced with properly-sized test cells. Alterations made to some pneumatics shop areas have improved working conditions, but have not resulted in increased production capacity for new workload.

IMPACT IF NOT PROVIDED:

Space will not be available to accommodate additional workload. The capability to support the rework program of this activity will be diminished. This will in turn impact on parts availability and result in increased turn-around time for Fleet aircraft. Continued deterioration of the test cells will adversely impact testing schedules and results.

ADDITIONAL:

The Services have been directed to streamline depot level maintenance operations and to consolidate inventory control point functions. The Navy is developing plans to streamline depot level maintenance and implement efficiency improvements. Navy depot maintenance activities relevant to the study include all six Naval Aviation Depots. The Navy proposes retaining all six Depots for mobilization purposes. The Depots have become much more competitive vis-a-vis the private sector for overhaul of aircraft, engines and components due in large degree to major investments in Military Construction. There is an ongoing study to examine the options of restructuring workload and capabilities among the Depots. This project provides improved rework facilities and functions which will lead to the Defense Management Review (DMR) plan of streamlined maintenance and efficiency improvements.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	04-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(350)
(B) ALL OTHER DESIGN COSTS	(140)
(C) TOTAL	490
(D) CONTRACT	(440)

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AVIATION DEPOT, CHERRY POINT, NORTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
AIRCRAFT ACCESSORIES OVERHAUL SHOP	P-507

12. SUPPLEMENTAL DATA: (CONTINUED)

(E) IN-HOUSE . . . . . (50)

(4) CONSTRUCTION START. 02-92
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA	HIGH EXPLOSIVE MAGAZINE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	421.22	P-803	1,100 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
HIGH EXPLOSIVE MAGAZINE	SF	5,600	130.00	730
SUPPORTING FACILITIES	-	-	-	260
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(160)
UTILITIES, PAVING AND SITE IMPROVEMENT	LS	-	-	(100)
SUBTOTAL	-	-	-	990
CONTINGENCY (5.0%)	-	-	-	50
TOTAL CONTRACT COST	-	-	-	1,040
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	60
TOTAL REQUEST	-	-	-	1,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One standard above ground earth-covered magazine with a reinforced concrete floor slab on a pile foundation, hardened doors, environmental system, lightning and grounding protection, access drives, railway, security alarm and fire protection systems.

11. REQUIREMENT: 11,100 SF ADEQUATE: 5,500 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs magazine for storage of MK-50 torpedoes. (New mission.)

REQUIREMENT:
Adequate facility for the storage of MK-50 torpedoes. The MK-50 is the most advanced torpedo ever developed and can be launched from fixed-wing aircraft, helicopters or surface ships. Charleston is the first East Coast facility to provide MK-50 torpedo support to the Fleet. Fiscal Year 1989 Military Construction project P-748 provided a maintenance facility and one magazine to support Fleet introduction of the weapon. The magazine will be able to accommodate storage requirements into late 1993. This second magazine is required to provide storage for the build-up in support of full Fleet MK-50 deployment starting in 1993 and beyond.

CURRENT SITUATION:
There are no magazines capable of providing the necessary space, environmental control and security required by this weapons system.

IMPACT IF NOT PROVIDED:
Temporary storage of the MK-50 torpedoes in truck holding areas resulting in reduced security and environmental protection. Inadequate storage for the MK-50 weapons could affect Fleet readiness and cause increased maintenance requirements.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
HIGH EXPLOSIVE MAGAZINE	P-803

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	02-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES Y NO ___

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(62)
(B) ALL OTHER DESIGN COSTS	(4)
(C) TOTAL	66
(D) CONTRACT	(4)
(E) IN-HOUSE	(62)

(4) CONSTRUCTION START 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA	TOMAHAWK MISSILE MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	421.72	P-783	2,150 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TOMAHAWK MISSILE MAGAZINE	SF	15,600	-	1,580
MISSILE MAGAZINE	SF	9,600	152.00	(1,460)
UNCOVERED LOADING AREA	SF	6,000	20.00	(120)
SUPPORTING FACILITIES	-	-	-	350
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(170)
UTILITIES	LS	-	-	(100)
PAVING AND SITE IMPROVEMENT	LS	-	-	(80)
SUBTOTAL	-	-	-	1,930
CONTINGENCY (5.0%)	-	-	-	100
TOTAL CONTRACT COST	-	-	-	2,030
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,150
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Standard box magazine, earth covered reinforced concrete, reinforced concrete floor slab supported by reinforced concrete pilings, five bays with five 25-foot hardened steel doors, 25-foot wide loading area, security lighting, lightning protection, asphalt parking area with access drives, fire protection and alarm system, utilities.

11. REQUIREMENT 43,200 SF ADEQUATE 27,600 SF SUBSTANDARD 0 SF

PROJECT

Constructs missile magazine. (New mission.)

REQUIREMENT

Adequate storage for TOMAHAWK cruise missiles including the proper level of environmental and security protection. This station is tasked with processing TOMAHAWK missiles starting in 1989 to include contractor delivery, maintenance, issue, fleet return and shipment operations. The missiles are normally stored in their shipping containers in an "all-up-round" configuration. Requirement for one magazine is based on projected workload and procurement schedules. Additional magazines may be requested in the future, based on the growing TOMAHAWK inventory needed to support the Fleet at Charleston.

CURRENT SITUATION:

Except for those magazines specifically provided for TOMAHAWK in recent years, no existing magazines are available for storage because of the requirement to support homeported ammunition ships and the increasing numbers of off-loads and on-loads for combatants. The liquid fueled TOMAHAWK cannot be stored with other weapon systems, making it necessary to have a separate dedicated magazine. Prior to completion of this magazine, temporary storage of the missiles will be in truck holding areas, resulting in reduced security and environmental protection.

IMPACT IF NOT PROVIDED

Insufficient storage for TOMAHAWK weapons affects readiness and security of missiles and results in increased maintenance requirements.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA

4. PROJECT TITLE	5. PROJECT NUMBER
TOMAHAWK MISSILE MAGAZINES	P-783

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	02-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	35
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(67)
(B) ALL OTHER DESIGN COSTS	(6)
(C) TOTAL	73
(D) CONTRACT	(6)
(E) IN-HOUSE	(67)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SURFACE WARFARE CENTER, DAHLGREN, VIRGINIA	ELECTRONIC SYSTEMS LABORATORY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	317.20	P-225	8,100 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRONIC SYSTEMS LABORATORY	SF	42,350	-	4,950
BUILDING	SF	42,350	114.00	(4,830)
BUILT-IN EQUIPMENT	LS	-	-	(120)
SUPPORTING FACILITIES	-	-	-	2,330
ELECTRICAL UTILITIES	LS	-	-	(920)
MECHANICAL UTILITIES	LS	-	-	(50)
PAVING AND SITE IMPROVEMENT	LS	-	-	(1,360)
SUBTOTAL	-	-	-	7,280
CONTINGENCY (5.0%)	-	-	-	360
TOTAL CONTRACT COST	-	-	-	7,640
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	460
TOTAL REQUEST	-	-	-	8,100
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(66,600)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame building, raised computer flooring, Sensitive Compartmented Information Facility (SCIF) construction, fire protection and fire alarm systems, environmental system, communications, utilities, air conditioning.

11. REQUIREMENT: 42,350 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a Sensitive Compartmented Information Facility (SCIF) protected laboratory for long-term research, design, development and integration of electronic warfare and cryptologic systems. (Current mission.)

REQUIREMENT:
Space is required for personnel involved in the research, development, testing, and evaluation of the Navy's electronic warfare and cryptological programs. This Center is responsible for total technical development of the WSQ-5, operational Electronic Warfare (EW) combat system, and Technical Direction Agent for the Mobile Surveillance system (MSS) Programs. This requires administrative and technical space, a systems integration and computer laboratory, electronic laboratories, and support space for ninety personnel to develop and deliver operational equipment/software for fleet use. Because of the classified nature of the work, the project construction must meet SCIF requirements. Equipment must be collocated to enable the development of total system level capability.

CURRENT SITUATION:
The laboratories at this center are not adequate to support electronic warfare total integration of software and hardware into total EW combat systems. Fully integrated EW combat systems provide the Navy with the best possible war fighting capability. With the advent of "stealth", ships are striving to reduce their active signatures. Passive EW systems will supply information required for a ship and battle group commander to make tactical decisions. Current EW and multi-sensor integration laboratories are used to develop new concepts, threat upgrades.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SURFACE WARFARE CENTER, DAHLGREN, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRONIC SYSTEMS LABORATORY	P-225

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
integration approaches, and tactical requirements. However, these laboratories are inadequate to provide the quality integrated combat systems required.

IMPACT IF NOT PROVIDED:
This Center will not be able to provide the necessary research and development aspects of the surface EW system for use by the fleet. Analysis of critical trouble reports will be delayed and result in further delays in the development of software and hardware improvements scheduled for carrier use in FY 1994. Sidekick Electronic Countermeasures capability scheduled for deployment on frigates during FY 1993 cannot be supported. The requirement to integrate electronic equipment and surface combat systems, such as the AN/ULQ-16 and the AN/SLQ-32(V), will not be accomplished on schedule. The need for positive identification is paramount when dealing with Low Intensity Conflict. The algorithms that will provide this information to the combat system require input from an integrated EW suite not currently available.

12 SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	45
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	05-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(400)
(B) ALL OTHER DESIGN COSTS	(324)
(C) TOTAL	724
(D) CONTRACT	(700)
(E) IN-HOUSE	(24)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMPUTERIZED ELECTRONIC WARFARE EQUIPMENT	OPN	1990	68,600
		TOTAL	68,600

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SURFACE WARFARE CENTER, DAHLGREN, VIRGINIA	FLEET REQUIREMENTS SUPPORT BUILDING

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0605896N	310.23	P-262	10,180 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FLEET REQUIREMENTS SUPPORT BUILDING	SF	51,210	-	7,140
BUILDING	SF	51,210	108.00	(5,530)
BUILT-IN EQUIPMENT	LS	-	-	(1,610)
SUPPORTING FACILITIES	-	-	-	2,000
ELECTRICAL UTILITIES	LS	-	-	(850)
MECHANICAL UTILITIES	LS	-	-	(630)
PAVING AND SITE IMPROVEMENT	LS	-	-	(520)
SUBTOTAL	-	-	-	9,140
CONTINGENCY (5.0%)	-	-	-	460
TOTAL CONTRACT COST	-	-	-	9,600
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	580
TOTAL REQUEST	-	-	-	10,180
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)(	30,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story, reinforced concrete building constructed to Sensitive Compartmented Information Facility (SCIF) standards, TEMPEST shielding, raised computer flooring, fire protection and alarm systems, environmental and equipment heating and cooling system, security vaults, communications, electrical substation, water storage, water distribution, central sewage pumping station, electrical power substation upgrade, air-conditioning, and utilities.

11. REQUIREMENT: 51,210 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:

Constructs a consolidated, secure facility for the research, design, and development of quick reaction projects of a special access, high security, and compartmented nature. (New mission.)

REQUIREMENT:

An adequate facility to provide maximum physical and computer security for the support of naval warfare efforts including conceptual warfare initiatives and the definition of associated platform and weapon requirements, orchestration of naval assets, warfare simulation, and wargaming.

CURRENT SITUATION

No other facilities exist at this center which can support this mission. Facilities are not adequate to fully support the development, quick reaction, security or management requirements of this rapidly expanding special access program effort. Rapid personnel growth cannot be housed in adequate security controlled buildings. Temporary housing in trailers causes problems in operations as well as security. This inhibits the sharing of highly specialized equipment and spaces, the training of personnel, and the effective use of support groups. Facilities to handle SCI and special access equipment and information are severely limited because of security requirements. Conversion of existing facilities is costly, very difficult and often impossible.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SURFACE WARFARE CENTER, DAHLGREN, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
FLEET REQUIREMENTS SUPPORT BUILDING	P-262

11. REQUIREMENT: (CONTINUED)

IMPACT IF NOT PROVIDED:
The center will be unable to meet mission responsibilities due to the space and security limitations of the existing facilities. Department strength will be essentially twice what the present facility was designed to accommodate. An additional $30M in computer systems, which were unforeseen during the design of the present facility, cannot be accommodated.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	07-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	100
(C)	DATE DESIGN 35% COMPLETE	08-90
(D)	DATE DESIGN COMPLETE	09-90

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO ___

(B) WHERE DESIGN WAS MOST RECENTLY USED: FY88 P-245 DAHLGREN

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(10)
(B)	ALL OTHER DESIGN COSTS	(726)
(C)	TOTAL	736
(D)	CONTRACT	(700)
(E)	IN-HOUSE	(36)

(4) CONSTRUCTION START: 02-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
COMPUTER EQUIPMENT	OPN	1992	30,000
		TOTAL	30,000

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL SUPPLY CENTER, NORFOLK, VIRGINIA	ADMINISTRATIVE OFFICE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702896N	610.10	P-648	1,250 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ADMINISTRATIVE OFFICE	SF	8,900	93.00	830
SUPPORTING FACILITIES	-	-	-	290
UTILITIES	LS	-	-	(80)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(210)
SUBTOTAL	-	-	-	1,120
CONTINGENCY (5.0%)	-	-	-	60
TOTAL CONTRACT COST	-	-	-	1,180
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,250
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, spread footing, concrete floors, masonry walls, membrane roof, fire protection system, air conditioning, utilities, storm drainage system, and demolition.

11. REQUIREMENT: 8,900 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs a control and administrative building for the consolidated personal property shipping office. (Current mission.)

REQUIREMENT:
Adequate facility in which to plan and administer the shipment of household goods, baggage and privately-owned vehicles worldwide for all military personnel in the mid-Atlantic area. This office is the largest in the east and processes over 50,000 moves each year. This facility will be located in the personnel support facilities area of the station for convenience to the customers.

CURRENT SITUATION:
The present office is in a 45-year old wood-frame barracks building located in an area of the base that makes access difficult for most customers. The building is too small and its condition has a negative impact on employee morale and imposes a hardship on military personnel and dependents using it.

IMPACT IF NOT PROVIDED:
Personal property office functions will continue in the deteriorated and poorly-located facility to the detriment of employee morale and will continue to be a hardship on military personnel and their dependents.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL SUPPLY CENTER, NORFOLK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
ADMINISTRATIVE OFFICE	P-648

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	09-87
(B) PERCENT COMPLETE AS OF JANUARY 1991	90
(C) DATE DESIGN 35% COMPLETE	11-87
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(115)
(B) ALL OTHER DESIGN COSTS	(70)
(C) TOTAL	185
(D) CONTRACT	(155)
(E) IN-HOUSE	(30)

(4) CONSTRUCTION START 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVY PUBLIC WORKS CENTER, NORFOLK, VIRGINIA	ELECTRICAL DISTRIBUTION LINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	812.30	P-826	3,150 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
ELECTRICAL DISTRIBUTION LINES	LF	51,440	49.00	2,520
SUPPORTING FACILITIES	-	-	-	310
SITE IMPROVEMENT AND REMOVAL	LS	-	-	(310)
SUBTOTAL	-	-	-	2,830
CONTINGENCY (5.0%)	-	-	-	140
TOTAL CONTRACT COST	-	-	-	2,970
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	180
TOTAL REQUEST	-	-	-	3,150
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Alternate power feed circuits to existing under-pier shore power transformer vaults, step down transformers, wiring, underground ductbanks, conduits suspended beneath piers; replacement of transformers and associated auxiliary power panels in pier vaults; automatic transfer switches with manual override; asbestos and contaminated soil removal.

11. REQUIREMENT: 51,440 LF ADEQUATE: 0 LF SUBSTANDARD: 0 LF

PROJECT:

Constructs alternate electric power circuits for the auxiliary equipment installed inside the pier shore power vaults. (Current mission)

REQUIREMENT:

An alternate source of electrical power for auxiliary equipment installed in the vaults including lights, exhaust fans, power tool receptacles and sump pumps. The only power source for the equipment inside the 59 pier vaults is the shore power transformers. When the transformers fail or are intentionally shut-down during storms for safety reasons, there is no electrical power to operate the sump pumps and exhaust fans, which should be in service at all times. Without the sump pumps, the vaults quickly flood, even during normal high tide. Flooding results in severe damage to the shore power circuit breakers and other vault equipment.

CURRENT SITUATION:

Flooding of the vaults is a frequent occurrence, averaging four times a year. Each incident causes damage to the vault equipment. This project is expected to reduce the incidence of flooding and save $356,280 per year. Making the vaults leak-proof is not practical because of the many conduit and vent openings and the roof-to-wall joints that cannot be sealed

IMPACT IF NOT PROVIDED

Without this project, the pier shore power substations, which have a total replacement value of over $4,000,000, will continue to receive damage from flooding. Frequent, extended losses of shore power have a

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVY PUBLIC WORKS CENTER, NORFOLK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
ELECTRICAL DISTRIBUTION LINES	P-826

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
severe impact on the Fleet ships berthed at the piers. Lack of an operational pier would severely affect this center's ability to support the fleet during periods of high loading.
ADDITIONAL:
An economic analysis has been prepared that indicates a payback period of 1.25 years.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A)	DATE DESIGN STARTED	02-90
(B)	PERCENT COMPLETE AS OF JANUARY 1991	40
(C)	DATE DESIGN 35% COMPLETE	11-90
(D)	DATE DESIGN COMPLETE	11-91

(2) BASIS:

(A)	STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B)	WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

		($000)
(A)	PRODUCTION OF PLANS AND SPECIFICATIONS	(0)
(B)	ALL OTHER DESIGN COSTS	(225)
(C)	TOTAL	225
(D)	CONTRACT	(10)
(E)	IN-HOUSE	(215)

(4) CONSTRUCTION START 04-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVY PUBLIC WORKS CENTER, NORFOLK, VIRGINIA	STEAM DISTRIBUTION SYSTEM IMPROVEMENTS

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	822.22	P-822	4,150 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
STEAM DISTRIBUTION SYSTEM IMPROVEMENTS	LF	101,940	-	3,730
INSULATION	LF	89,410	34.00	(3,040)
ASBESTOS INSULATION REMOVAL	LF	12,530	55.00	(690)
SUBTOTAL	-	-	-	3,730
CONTINGENCY (5.0%)	-	-	-	190
TOTAL CONTRACT COST	-	-	-	3,920
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	230
TOTAL REQUEST	-	-	-	4,150
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Additional fiberglass insulation of varying thicknesses and aluminum jacket to cover existing above-ground steam distribution piping and expansion joints; replace damaged asbestos insulation on piping and valves with non-asbestos insulation; valves with removable insulation covers.

11. REQUIREMENT: 101,940 LF ADEQUATE: 0 LF SUBSTANDARD: 0 LF

PROJECT:
Provides additional insulation on existing above-ground steam distribution lines located throughout the Sewells Point Naval Complex. (Current mission.)

REQUIREMENT:
Improvements to existing steam distribution system to comply with an executive order to reduce energy consumption and to conserve fuel oil, coal, and make-up water used to produce steam.

CURRENT SITUATION:
Existing insulation was installed when energy costs were relatively low and is of varying thicknesses and age. Previously, thermal losses through insufficient pipe insulation were relatively insignificant compared to the cost of installing adequate insulation. Consequently, the insulation on some lines is only one and a half to two inches thick and is very ineffective when considering energy costs today.

IMPACT IF NOT PROVIDED:
A significant amount of energy, 155,000 MBTU per year, will continue to be wasted and the comprehensive long-range goal to reduce energy costs and consumption will not be achieved.

ADDITIONAL:
An economic analysis has been prepared that indicates a payback period of three years.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVY PUBLIC WORKS CENTER, NORFOLK, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
STEAM DISTRIBUTION SYSTEM IMPROVEMENTS	P-822

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	10-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES___ NO X

(B) WHERE DESIGN WAS MOST RECENTLY USED: _____

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(122)
(B) ALL OTHER DESIGN COSTS	(188)
(C) TOTAL	310
(D) CONTRACT	(270)
(E) IN-HOUSE	(40)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL WEAPONS STATION, YORKTOWN, VIRGINIA	TOMAHAWK MISSILE MAGAZINES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	421.72	P-415	4,650 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
TOMAHAWK MISSILE MAGAZINES	SF	18,590	127.00	2,360
SUPPORTING FACILITIES	-	-	-	1,820
UTILITIES	LS	-	-	(70)
PAVING AND SITE IMPROVEMENT	LS	-	-	(1,000)
RAILROAD	LS	-	-	(750)
SUBTOTAL	-	-	-	4,180
CONTINGENCY (5.0%)	-	-	-	210
TOTAL CONTRACT COST	-	-	-	4,390
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	260
TOTAL REQUEST	-	-	-	4,650
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two reinforced concrete, earth-covered, standard box magazines, 161 feet long by 57 feet wide, 30-foot wide loading platform, access ramp, five 16-foot wide doors, paved apron, roads, railroad spur, electrical distribution, security lights, recessed grounding terminals, utilities.

11. REQUIREMENT: 60,040 SF ADEQUATE: 41,450 SF SUBSTANDARD: 0 SF

PROJECT:
Constructs two storage magazines in support of TOMAHAWK vertical launch system (VLS) missiles. (New mission.)

REQUIREMENT:
Adequate magazine space is needed for the secure, safe, and efficient storage of TOMAHAWK missiles. This station is designated as an East Coast Intermediate Level Maintenance (ILM) and Storage Activity. Increased magazine requirements are based on the workload established by the Joint Cruise Missile Program for this station, an increased production of TOMAHAWK missiles, and storage required for service to the Fleet.

CURRENT SITUATION:
No magazines are available to satisfy this new requirement. Existing magazines are inadequate to meet storage requirements. This project will satisfy the increased storage requirement for the TOMAHAWK missiles, but will not reduce the existing magazine deficiency for the station overall.

IMPACT IF NOT PROVIDED:
There will be no magazines for storage of TOMAHAWK missiles. Consequently, the station will not be able to meet Fleet commitments which could affect readiness and security of the missiles.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL WEAPONS STATION, YORKTOWN, VIRGINIA

4. PROJECT TITLE	5. PROJECT NUMBER
TOMAHAWK MISSILE MAGAZINES	P-415

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	02-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	09-90
(D) DATE DESIGN COMPLETE	08-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN: YES X NO

(B) WHERE DESIGN WAS MOST RECENTLY USED: N/A

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(0)
(B) ALL OTHER DESIGN COSTS	(130)
(C) TOTAL	130
(D) CONTRACT	(0)
(E) IN-HOUSE	(130)

(4) CONSTRUCTION START: C1-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUGET SOUND NAVAL SUPPLY CENTER, BREMERTON, WASHINGTON	HAZARDOUS AND FLAMMABLE STOREHOUSE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702896N	441.30	P-233	12,550 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
HAZARDOUS AND FLAMMABLE STOREHOUSE	SF	74,400	-	8,410
BUILDING	SF	74,400	100.00	(7,440)
BUILT-IN EQUIPMENT	LS	-	-	(970)
SUPPORTING FACILITIES	-	-	-	2,870
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,160)
UTILITIES	LS	-	-	(1,130)
PAVING AND SITE IMPROVEMENT	LS	-	-	(350)
DEMOLITION	LS	-	-	(230)
SUBTOTAL	-	-	-	11,280
CONTINGENCY (5.0%)	-	-	-	560
TOTAL CONTRACT COST	-	-	-	11,840
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	710
TOTAL REQUEST	-	-	-	12,550
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel-frame building, pile foundation, concrete floor, insulated metal panel walls and roof, loading platform, 25-foot stacking height, floor trenches, pallet racks and wire-guided storage and retrieval system; building modifications; fire protection system and alarm, mechanical ventilation, utilities, relocation of functions; security fencing and parking; demolition of three buildings and a substation.

11. REQUIREMENT: 74,400 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF

PROJECT:
Provides a facility for safe handling and storage of hazardous and flammable materials. (Current mission.)

REQUIREMENT:
Adequate and properly-configured hazardous and flammable warehouse facilities meeting Occupational Safety and Health Act (OSHA) design criteria and requirements to accommodate both the shipyard and the Naval Supply Center with safe storage of flammable and combustible liquids, acids, corrosives, and poisons. The shipyard requires the use of paints, solvents, cleaning agents, acids, alcohol, and similar hazardous materials to support all naval activities and fleet units in the Pacific Northwest.

CURRENT SITUATION:
The hazardous and flammable storehouse currently being used is inadequate in size and does not meet OSHA standards. The facility is located in proximity of a drydock and poses a high risk to ships, surrounding facilities, and personnel. Hazardous materials are stored in a facility without fire protection, heat, or containment provisions.

IMPACT IF NOT PROVIDED:
The shipyard will continue to operate in violation of OSHA fire protection and safety requirements with a potentially high risk threat to the safety of personnel and surrounding facilities.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

PUGET SOUND NAVAL SUPPLY CENTER, BREMERTON, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
HAZARDOUS AND FLAMMABLE STOREHOUSE	P-233

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-88
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-88
(D) DATE DESIGN COMPLETE	09-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(600)
(B) ALL OTHER DESIGN COSTS	(550)
(C) TOTAL	1,150
(D) CONTRACT	(1,120)
(E) IN-HOUSE	(30)

(4) CONSTRUCTION START: 10-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON	INACTIVE SUBMARINE MOORING FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702228N	163.20	P-270	3,300 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
INACTIVE SUBMARINE MOORING FACILITY	LS	-	-	1,820
SUPPORTING FACILITIES	-	-	-	1,140
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(80)
UTILITIES	LS	-	-	(1,060)
SUBTOTAL	-	-	-	2,960
CONTINGENCY (5.0%)	-	-	-	150
TOTAL CONTRACT COST	-	-	-	3,110
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	190
TOTAL REQUEST	-	-	-	3,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)(	0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three concrete mooring dolphins with concrete cap and mooring hardware; pile cluster mooring point; fender system; compressed air line and manifolds; air and waterline relocation; catnodic protection; and electrical service upgrade.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides mooring facilities necessary to berth 22 inactive nuclear submarines. (Current mission.)

REQUIREMENT:

Puget Sound is the primary West Coast activity for the long-term custody and maintenance of inactive nuclear ships and is the only shipyard capable of removing reactor compartments. Present inactivation plans require this shipyard to have the capacity to service 33 inactivated submarines by the end of Fiscal Year 1992 and ultimately 47 inactivated submarines by the end of Fiscal Year 1994. For security reasons, these inactivated nuclear submarines must be stored within the Controllec Industrial Area of the shipyard. There is no submarine disposal program that will significantly reduce this requirement.

CURRENT SITUATION:

No other berthing facilities within the Controlled Industrial Area are available for mooring these submarines. Presently, 15 inactivated submarines can be berthed at the mooring facility. An approved fiscal Year 1990 unspecified minor military construction project will provide mooring for an additional 10 submarines. During Fiscal Years 1991 and 1992, eight more submarines will be inactivated bringing the total required number of berths to 33. Between Fiscal Years 1993 and 1994, an additional 14 nuclear submarines will be inactivated.

IMPACT IF NOT PROVIDED:

The shipyard will be unable tc safely and securely berth the remaining 22 nuclear submarines as they are inactivated. Congestion and inefficient operations will be created at other berthing facilities in the Controlled

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
INACTIVE SUBMARINE MOORING FACILITY	P-270

11. REQUIREMENT: (CONTINUED)
IMPACT IF NOT PROVIDED: (CONTINUED)
Industrial Area.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	05-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(112)
(B) ALL OTHER DESIGN COSTS	(145)
(C) TOTAL	257
(D) CONTRACT	(225)
(E) IN-HOUSE	(32)

(4) CONSTRUCTION START: 10-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON	INDUSTRIAL SUPPORT COMPLEX (INCREMENT II)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702228N	213.65	P-622	23,500 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
INDUSTRIAL SUPPORT COMPLEX	SF	53,600	-	16,740
BUILDING	SF	53,600	274.00	(14,690)
BUILT-IN EQUIPMENT	LS	-	-	(1,870)
TECHNICAL OPERATING MANUALS	LS	-	-	(180)
SUPPORTING FACILITIES	-	-	-	4,370
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,620)
UTILITIES	LS	-	-	(860)
PAVING AND SITE IMPROVEMENT	LS	-	-	(110)
DEMOLITION	LS	-	-	(780)
SUBTOTAL	-	-	-	21,110
CONTINGENCY (5.0%)	-	-	-	1,060
TOTAL CONTRACT COST	-	-	-	22,170
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	1,330
TOTAL REQUEST	-	-	-	23,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-level structural steel or concrete building, high and low bays with concrete shielding walls; concrete floors, fire protection system, ventilation system, bridge cranes, filter systems, utilities, equipment storage area with bridge crane, production waterfront support area; pile foundation; looping of fire water line; demolition of three buildings.

11. REQUIREMENT: 194,350 SF ADEQUATE: 140,750 SF SUBSTANDARD: 0 SF

PROJECT:

Provides the second of two increments of an industrial support complex. (Current mission.)

REQUIREMENT:

Adequate and properly configured facilities to support the increasing number of nuclear vessels scheduled for overhauls and the new work assigned to the shipyard. This new work includes support of the TRIDENT submarine, nuclear carrier and cruiser overhauls and refuelings beginning in 1990. The first increment constructs a waterfront support facility for support of pier side production work, chilled water, high-pressure air, tool issue shop and office spaces. This second increment will construct a support office and a dockside nuclear repair facility for repair of components and processing of liquid and solid wastes.

CURRENT SITUATION:

The present controlled industrial repair facility is not large enough to handle the increasing nuclear workload. Processes cannot be expanded to handle the larger workloads because of space restrictions. This often results in a backlog of repair and cleaning work. Limited space prevents optimum arrangement and material flow. Also, valuable production time is lost traveling to and from the building because of its location on the very end of Pier 6 at the east end of the yard. An alternative considered to remedy this problem was to build an addition onto the building. However, the addition would reduce the amount of available workspace on Pier 6 (a heavily used pier for work on carriers, cruisers and submarines) which is already overcrowded. It also does not eliminate

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
INDUSTRIAL SUPPORT COMPLEX (INCREMENT II)	P-622

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)
the losses in production time or help to support the new work categories scheduled to be performed at the west end of the yard, one to two miles from the existing facility.

IMPACT IF NOT PROVIDED:
The shipyard will not be able to effectively perform in a timely manner the nuclear work which it is assigned. This will lead to schedule slippages, higher costs and adverse impacts on overhaul completion dates and ultimately to Fleet readiness.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	11-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(1,200)
(B) ALL OTHER DESIGN COSTS	(850)
(C) TOTAL	2,050
(D) CONTRACT	(1,900)
(E) IN-HOUSE	(150)

(4) CONSTRUCTION START: 01-92 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON	MOORING PLATFORM

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	163.20	P-293	1,200 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
MOORING PLATFORM	LS	-	-	1,080
PLATFORM	LS	-	-	(970)
FENDER SYSTEM	LS	-	-	(110)
SUBTOTAL	-	-	-	1,080
CONTINGENCY (5.0%)	-	-	-	50
TOTAL CONTRACT COST	-	-	-	1,130
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	70
TOTAL REQUEST	-	-	-	1,200
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One mooring platform with steel or concrete piling, cast iron or steel mooring hardware, concrete cap, and metal fabricated gangway; 3 fender systems consisting of angle iron pilings and butyl rubber fenders; cathodic protection.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Constructs a mooring platform and provides fendering to berth inactive surface ships. (New mission.)

REQUIREMENT:

Puget Sound is the primary west coast activity for long-term custody and maintenance of inactive surface ships through its tenant command, the Naval Inactive Ship Maintenance Facility (NISMF). Adequate pier or mooring space is required to berth inactive aircraft carriers, cruisers, destroyers, landing ships (LSD's), frigates, dry dock sections and numerous small to medium sized ships. Since it is planned to homeport two major new auxiliary ships at Pier D in the shipyard, pending the outcome of an environmental study, the inactive ships on Pier D must be relocated to other moorings. An alternate berthing location will be provided by constructing an intermediate mooring platform between two existing ones. The platform must be designed to support a nest of three LSD's, which is the maximum expected loading. However, because of ongoing ship deactivation and disposal plans, this mooring can be expected to berth other smaller inactive ships following final disposal of the LSD's.

CURRENT SITUATION:

All piers and moorings at the shipyard are fully occupied with either shipyard industrial activities, active homeported ships or inactive ships. The NISMF currently utilizes four berthing facilities: Pier D and three mooring structures with several mooring platforms connected by catwalks. The mooring platforms were designed for inactive carrier berthing and are spaced too far apart for smaller ships such as the

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
MOORING PLATFORM	P-293

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION: (CONTINUED)

LSD's. The three LSD's, two small auxiliaries, and one carrier will be moved off Pier D in order to upgrade the pier for homeporting the new large auxiliary class ships starting in Fiscal Year 1994.

IMPACT IF NOT PROVIDED:

A delay in upgrading of Pier D, and subsequently, the homeport berthing for the new large class auxiliary ships will not be ready upon their arrival at Puget Sound. No adequate berthing will be available for the inactive LSD's and other smaller ships.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	08-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(40)
(B) ALL OTHER DESIGN COSTS	(65)
(C) TOTAL	105
(D) CONTRACT	(96)
(E) IN-HOUSE	(9)

(4) CONSTRUCTION START: 10-91 (MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON	PIER UPGRADE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0702096N	151.50	P-275	11,700 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PIER UPGRADE	LS	-	-	10,520
DREDGING	CY	156,000	29.00	(4,520)
ELECTRICAL SERVICE UPGRADE	LS	-	-	(2,900)
STEAM/SEWER SERVICE UPGRADE	LS	-	-	(1,500)
FENDER PILING REPLACEMENT	LS	-	-	(1,600)
SUBTOTAL	-	-	-	10,520
CONTINGENCY (5.0%)	-	-	-	530
TOTAL CONTRACT COST	-	-	-	11,050
SUPERVISION, INSPECTION & OVERHEAD (6.0%)	-	-	-	650
TOTAL REQUEST	-	-	-	11,700
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)(	0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Upgrades Pier Delta; increase water depth from 33-feet mean lower low water (mllw) to 44 feet mllw on both sides of pier; upgrade electrical and mechanical utilities; install steam line; extend sewer line; replace fender piling; extend shoreline utilities to Pier D.

11. REQUIREMENT: AS REQUIRED

PROJECT:
Upgrades structurally sound pier for continued, long-term use for berthing two new homeported ships. (Current mission.)

REQUIREMENT:
Adequate berthing to support present and future homeport berthing requirements, including two additional AOE class ships. Pier D, currently used to berth inactive Naval ships, needs to be upgraded to a general purpose homeport pier capable of supporting additional classes of Naval surface ships. All piers at the shipyard are occupied with either industrial repair and overhaul activities, active homeported ships or inactive ships.

CURRENT SITUATION:
This shipyard is the permanent homeport of the USS SACRAMENTO (AOE 1), the USS CAMDEN (AOE 2), the USS TRUXTON (CGN 35) and is interim homeport for the Aircraft Carrier USS NIMITZ (CVN 68). There is no existing berthing space for two additional AOE class ships being planned for this shipyard. However, Pier D can be made available for berthing the first new AOE class ship scheduled to arrive in 1994.

IMPACT IF NOT PROVIDED:
Two new AOE's planned for homeporting at this shipyard will not have berthing facilities. The ships will be required to operate on-board machinery and to download to minimum draft while in port, defeating the purpose of in-port time which is to improve readiness, machinery condition and prepare for deployment.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

PUGET SOUND NAVAL SHIPYARD, BREMERTON, WASHINGTON

4. PROJECT TITLE	5. PROJECT NUMBER
PIER UPGRADE	P-275

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	07-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	40
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	07-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES ___ NO X
(B) WHERE DESIGN WAS MOST RECENTLY USED:	

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(600)
(B) ALL OTHER DESIGN COSTS	(175)
(C) TOTAL	775
(D) CONTRACT	(738)
(E) IN-HOUSE	(37)

(4) CONSTRUCTION START 10-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AIR STATION, KEFLAVIK, ICELAND	FUEL FACILITIES (INCREMENT VII)

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0204696N	411.20	P-464	9,300 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
FUEL FACILITIES	LS	-	-	30,810
SUBTOTAL	-	-	-	30,810
CONTINGENCY (5.0%)	-	-	-	1,540
TOTAL CONTRACT COST	-	-	-	32,350
SUPERVISION, INSPECTION & OVERHEAD (6.5%)	-	-	-	2,100
SUBTOTAL	-	-	-	34,450
LESS: NATO SHARE	-	-	-	- 25,150
TOTAL REQUEST	-	-	-	9,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	0

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two semi-buried 330,000-gallon and one 100,000-barrel fuel storage tanks, pumps, controls, instrumentation, cathodic protection, fencing, roads, drainage; splinter-proof reinforced concrete manifold building, filter separators, manifolds, instrumentation, emergency generator, controls, seven-day fuel storage tank; approximately four miles of 12-inch diameter piping, cathodic protection, three hydrants for refuel/defuel operations, double truck fill stand; pre-engineered maintenance building; support facilities; utilities; apron spill protection system; demolition of truck fuel stand and tank.

11. REQUIREMENT: AS REQUIRED

PROJECT:

Provides depot tank, maintenance building and the southwest portion of the main base pipeline system; ready fuel tanks; refueling hydrants, manifold building and distribution piping to refuel Maritime Patrol Aircraft (MPA) stationed at the southwest area of the Naval Air Station. (Current mission.)

REQUIREMENT:

Adequate facilities to support U.S. national and NATO plans for operations from the Keflavik airfield. A 45-day supply of fuel for contingency aviation and ground operations plus peacetime operating stocks, must be prepositioned in hardened semi-buried tanks. Total requirement of 1,170,000 barrels of fuel will be programmed in seven increments. Overall funding responsibility splits approximately 50/50 U.S. national and NATO. This is the seventh increment and provides pipeline to the MPA area and distribution and dispensing facilities Incrementing is necessary because of the scope of the overall project and the need to assign work to the Iceland Prime Contractor commensurate with his ability to put work in place. A deep water reception pier and transfer system were approved in an earlier request and are required near the fuel farm to permit rapid resupply of the tanks during a contingency operation.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, KEFLAVIK, ICELAND .

4. PROJECT TITLE	5. PROJECT NUMBER
FUEL FACILITIES (INCREMENT VII)	P-464

11. REQUIREMENT: (CONTINUED)

CURRENT SITUATION:

About half of the total program of eleven tanks, fuel pier, piping and ready issue tanks has been approved and construction is underway. Additional tanks were included in FY 1990 and 1991 programs. Existing fuel storage facilities meet neither U.S. national nor NATO requirements for 45-day, prepositioned storage. Existing on-base storage is capable of holding only two thirds of the 45-day supply, with less than half of the tanks in secure, buried positions. Existing above-ground tanks are o\ 25 years old and the severe weather has deteriorated them. Extensive repairs were made in 1980 to prolong their usefulness until new tanks are built. Tanks provided in the first increment of this project are complete and in use. Remaining available fuel storage is located 60 miles away at Havalfjordur in leased, above ground tanks. To reach the station, fuel from leased tanks must be transported by small Icelandic coastal barges. This method of resupply would not keep pace with demand in a contingency situation.

IMPACT IF NOT PROVIDED:

Fuel storage facilities in Iceland will be insufficient to meet U.S. operating needs. Without this increment the ability to dispense fuel to the aircraft at the airfield will be severely hampered.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN DATA: (PROJECT DESIGN CONFORMS TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE.")

(1) STATUS:

(A) DATE DESIGN STARTED	06-90
(B) PERCENT COMPLETE AS OF JANUARY 1991	50
(C) DATE DESIGN 35% COMPLETE	10-90
(D) DATE DESIGN COMPLETE	06-91

(2) BASIS:

(A) STANDARD OR DEFINITIVE DESIGN:	YES X NO
(B) WHERE DESIGN WAS MOST RECENTLY USED:	FY91 FUEL FAC KEFLAVIK

(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):

	($000)
(A) PRODUCTION OF PLANS AND SPECIFICATIONS	(450)
(B) ALL OTHER DESIGN COSTS	(200)
(C) TOTAL	650
(D) CONTRACT	(0)
(E) IN-HOUSE	(650)

(4) CONSTRUCTION START 11-91
(MONTH AND YEAR)

B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:

NONE

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	POLLUTION ABATEMENT FACILITIES

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
VARIES	VARIES	VARIOUS	21,110 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
POLLUTION ABATEMENT FACILITIES	LS	-	-	21,110
TOTAL REQUEST.	-	-	-	21,110

10. DESCRIPTION OF PROPOSED CONSTRUCTION

These pollution abatement facilities will bring Naval and Marine Corps installations into compliance with federal, state, and local environmental laws. Facilities include upgrading existing structures, building new structures, solid waste disposal, and separation of water and sewer pipelines. Environmental engineering evaluations were performed to determine the most advantageous method for achieving compliance with environmental laws and regulations. (See individual project descriptions of work.)

11. REQUIREMENT: VARIES.

Facilities at Naval and Marine Corps installations were often constructed with inadequate controls to meet present day environmental quality standards. Industrial wastewaters and sewage are discharged untreated or inadequately treated into adjacent waterways. These projects will continue the Navy's program for correcting, controlling, and preventing pollution at Naval and Marine Corps installations, and to comply with federal, state, and local air and water quality standards. The pollution abatement program includes projects from some of the following categories:

Sanitary Wastewater System - Some installations have sewerage systems which do not meet present day minimum water quality standards. The Clean Water Act of 1972, PL 92-500, requires every "point source" discharger to obtain a permit which specifies the allowable amount and constituents that can be discharged to surface waters. The permit may contain a schedule specifying the dates by which the discharger will achieve compliance. Projects in this category provide improvements to sanitary sewage collection and treatment systems to satisfy the water quality criteria and permit requirements.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

11. REQUIREMENT: (CONTINUED)

Industrial Wastewater Treatment Facilities - Industrial operations create many unique waste disposal problems. These wastes are more difficult to treat than typical sanitary wastewater. Industrial wastewater effluents contain heavy metals and toxic and corrosive chemicals that are potential stream pollutants, and also have a deleterious effect on municipal sewage treatment systems. Therefore, the Navy must provide pretreatment plants so wastes are treated before being sent to municipal systems for further treatment. Industrial facilities may also discharge wastes, untreated or inadequately treated, into adjacent drainage courses that empty into harbor or navigable waters in violation of discharge permits. Projects in this category provide treatment facilities, and other modifications as required, to meet the discharge permit.

Solid Waste Management Facilities - The Navy is fast approaching a crisis because of the lack of solid waste management facilities. These facilities are necessary to minimize the amount of trash, garbage, solid waste, and hazardous waste which must be handled; and to provide for the segregation and management of recyclable materials and their ultimate treatment and disposal in order to protect public health and the environment.

Water and Sewer Pipelines Separation - Projects in this category insure compliance with environmental protection agency (EPA) and state regulations for the elimination of potable water contamination because of possible cross-connections of pipelines.

Potable Water Treatment or Distribution Systems - Some installations which provide potable (drinking) water may not meet standards set by EPA or the states under the Safe Drinking Water Act (SDWA) of 1974, PL 93-523. Treatment systems must be modified or replaced to produce drinking water which meets the maximum contaminant levels (MCLSs) specified by EPA for specific contaminants, including metals and organics. In some cases, distribution systems do not meet the requirements of the SDWA and must be modified or replaced.

Oil Spill Prevention - Existing oil and fuel storage and transfer areas do not have the necessary oil spill control structures required to prevent accidental oil discharges from reaching navigable waters. To prevent the possible discharge of oil, in any form, into navigable waters or into the tributaries of such waters, Federal regulations require facilities storing or transferring oil to prepare an Oil Spill Prevention Control and Countermeasures Plan (SPCC Plan) and to fully implement this plan as soon as possible. Steel and concrete fuel storage tanks at the Navy's bulk fuel distribution facilities are now ecologically unsatisfactory because of navigable waters contamination. This was caused when Navy converted ships to the lighter middle distillate diesel fuel which seeps through numerous faults in the walls of tanks. In addition to tanks leaking, the fuel piping systems have deteriorated beyond environmentally safe limits and must be replaced.

Hazardous Waste Storage Facilities - Owners and operators of hazardous waste transfer and storage facilities are required by the 1984 amendments to the Resource Conservation and Recovery Act (RCRA) to provide facilities meeting stringent standards. This requires that all hazardous waste be properly containerized, packaged, labelled and, if necessary, stored in approved facilities before final disposal. These facilities may not lawfully begin or continue transfer and storage activities until an effective RCRA permit is received. These projects provide facilities which comply with extensive technical and design standards as mandated by RCRA.

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

11. REQUIREMENT: (CONTINUED)

Air Emissions Control - The Clean Air Act Amendments of 1977, PL 95-95, reiterated the Congressional mandate to eliminate or reduce air pollution. State implementation plans have been formulated, and specific strategy to achieve the standards has been promulgated. Projects in this category will eliminate or reduce emission from steam and heating plant boilers, fire-fighting training schools, open sand-blasting and paint spraying operations, gasoline dispensing facilities, and industrial operations. The common pollutants include particulates, sulfur oxides, nitrogen oxides, hydrocarbons, photochemical oxidants (chiefly ozone) and carbon monoxide. All projects will be designed to the most stringent existing standard. In some instances, a notice of violation from the Local Air Pollution Board has been received by the activity. This can be expected to increase as air permits are processed with the states in accordance with the Clean Air Act Amendments of 1977.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN STATUS: PROJECT DESIGNS CONFORM TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE".

INDIVIDUAL PROJECT DESCRIPTIONS FOLLOW:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		GUAM	
411.30	P-212	OIL SPILL PREVENTION GUAM PWC	670

Existing storage tanks are not equipped with leak-proof bermed areas to contain accidental spills within the immediate vicinity of the tanks for clean-up. Any spilled oil can leach out into ditches or streams which eventually discharge into the ocean or seep into underground waters due to the porosity of the berm linings and holes created by crabs and other creatures. The lack of adequate oil spill containment features violates both Federal and Government of Guam Environmental Protection Agency oil pollution control regulations. This project will provide concrete berms and linings for the oil spill containment areas at eight fuel storage tank locations to meet Guam Environmental Protection Agency compliance requirements. (Current mission.)

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
POLLUTION ABATEMENT FACILITIES	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		FLORIDA	
831.15	P-615	INDUSTRIAL WASTE TREATMENT FACILITY JACKSONVILLE FL NADEP	3,300

The elimination of hazardous wastes being discharged is mandated by compliance schedules incorporated in the National Pollutant Discharge Elimination System (NPDES) permit. The performance of aluminum and chromate conversion coating and paint operations in a paint hangar at this activity results in the eventual discharge of hazardous waste to the domestic sewage treatment facility. Prevention of this hazardous waste discharge into the St. Johns River, as part of the domestic wastewater effluent, has been targeted by the Environmental Protection Agency. This project will ensure Navy's compliance with Federal and State water quality standards. (Current mission.)

		HAWAII	
831.10	P-482	WASTEWATER TREATMENT PLANT EXPANSION PEARL HARBOR HI PWC	10,540

The Navy's wastewater treatment plant at Fort Kamehameha is operating approximately 16 percent above its rated treatment capacity. The quality of the wastewater effluent periodically exceeds National Pollution Discharge Elimination System (NPDES) permit limitations as a result of overloading of the processing units. Under Hawaii law, NPDES violations are punishable by severe fines and even imprisonment. Expansion of the existing treatment facilities is required to bring the plant into compliance with the permit limitations. This project will construct new wastewater treatment processing tanks and appurtenant facilities to increase capacity to meet current flow requirements generated by the Pearl Harbor Naval Complex and Hickam Air Force Base. Without this project, the quality of discharged effluent will result in adverse environmental impact to the coastal waters near the outfall. Permit violations will result in substantial fines and penalties levied by the State of Hawaii. (Current mission.)

		MARYLAND	
832.30	P-106	INDUSTRIAL WASTEWATER TREATMENT FACILITY (INCR II) INDIAN HEAD MC NOS	6,600

This station discharges virtually untreated wastes from explosive and propellant operations in 93 buildings into Mattawoman Creek and the Potomac River because these buildings are not tied into the central wastewater collection and treatment system. Recently issued National Pollution Discharge Elimination System (NPDES) and State of Maryland permits require the treatment of these waste streams using the best available technology. As a condition of the permit, the State of Maryland requires construction of this project by 1 January 1993. This project will provide service connections for the buildings that will channel wastewater flow into the new industrial waste pretreatment plant which will meet zero discharge technology. Failure to construct the service connections by the agreed upon date will put the station in violation of the NPDES permit and Federal and State water pollution laws. (Current mission.)

TOTAL - POLLUTION ABATEMENT FACILITIES	21,110

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS	PROJECTS $1 MILLION AND UNDER

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
VARIES	VARIOUS	VARIOUS	1,550 DBOF Request

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PROJECTS $1 MILLION AND UNDER.	LS	-	-	1,550
TOTAL REQUEST.	-	-	-	1,550

10. DESCRIPTION OF PROPOSED CONSTRUCTION
Specified construction projects (except family housing) having a funded cost of $1,000,000 or less (see individual project descriptions.)

11. REQUIREMENT: VARIES.
Projects are specifically identified on subsequent sheets.

12. SUPPLEMENTAL DATA:

A. ESTIMATED DESIGN STATUS: PROJECT DESIGNS CONFORM TO PART II OF MILITARY HANDBOOK 1190, "FACILITY PLANNING AND DESIGN GUIDE".

INDIVIDUAL PROJECT DESCRIPTIONS FOLLOW:

(CONTINUED ON DD 1391C)

1. COMPONENT	FY 1992 MILITARY CONSTRUCTION PROGRAM	2. DATE
NAVY		

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS

4. PROJECT TITLE	5. PROJECT NUMBER
PROJECTS $1 MILLION AND UNDER	VARIOUS

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE/INSTALLATION/LOCATION	COST ($000)
		HAWAII	
213.65	P-256	FIRE PROTECTION SYSTEM PEARL HARBOR HI NSY	800

The materials, equipment and operations in the nuclear repair shop and office are critically essential to the mission of the shipyard. In the event of a fire, the lack of fire protection sprinkler and wet pipe systems would interrupt and delay the shipyard overhaul schedules. Therefore, the nuclear repair shops must have adequate fire protection systems to minimize the risk of loss or damage by fire. This project will provide alarms, sprinkler and wet pipe systems and connections to fresh water supply systems for an adequate fire fighting system which will protect against the loss of valuable materials and human lives (Current mission.)

		INDIANA	
219.10	P-238	PEST CONTROL FACILITY CRANE IN NAVWPNSUPPCEN	750

Adequate facilities are required to eliminate existing Occupational Safety and Health deficiencies at this center's pest control facility. Pesticide and herbicide storage, mixing and filling and emptying of sprayers and equipment tanks requires safe, properly-designed facilities. The station's pest control operation occupies an inadequate, wooden building constructed in 1941. During periods of high-humidity, pesticides such as diazinon and chlordane that have been absorbed by the wooden building are released back into the air. Recent tests have shown that the airborne concentration of diazinon exceeds the threshold limit value by as much as thirteen times. Incidents have occured at the existing facility which have restricted workers from performing their jobs because of health problems from excessive exposure to the chemicals. This project will construct a properly-designed pest control facility with adequate segregation of chemicals and operations and prescribed ventilation and safety features. (Current mission.)

TOTAL - PROJECTS $1 MILLION AND UNDER	1,550