DEFENSE LOGISTICS AGENCY
MILITARY CONSTRUCTION, DEFENSE-WIDE
FY 2002 AMENDED BUDGET SUBMISSION
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alaska				
Eielson Air Force Base				
Replace Bulk Fuel Storage Tanks	8,800	8,800	C	90
California				
Defense Distribution Depot Tracy				
Replace General Purpose Warehouse	30,000	30,000	C	93
Hawaii				
Hickam Air Force Base				
Replace Hydrant Fuel System	29,200	29,200	C	96
New Jersey				
McGuire Air Force Base				
Bulk Fuel Storage Tank	4,400	4,400	C	99
North Carolina				
Pope Air Force Base				
Bulk Fuel Storage Tank	3,400	3,400	C	102
North Dakota				
Grand Forks Air Force Base				
Hydrant Fuel System	9,110	9,110	C	105
Minot Air Force Base				
Hydrant Fuel System	14,000	14,000	C	108
Pennsylvania				
Defense Distribution Depot Susquehanna New Cumberland				
Special Purpose Warehouse	19,900	19,900	C	111
Defense Supply Center Philadelphia				
Consolidate Indoor Fitness Facilities	2,429	2,429	C	114
Virginia				
Defense Logistics Agency, Ft. Belvoir				
Additional Chiller Unit	900	900	C	117
Total Inside the United States	**122,139**	**122,139**		

DEFENSE LOGISTICS AGENCY
MILITARY CONSTRUCTION, DEFENSE-WIDE
FY 2002 AMENDED BUDGET SUBMISSION
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Guam				
Andersen Air Force Base				
Replace Hydrant Fuel System	20,000	20,000	C	120
Japan				
Yokota Air Base				
Bulk Fuel Storage Tank	13,000	13,000	C	123
Korea				
Camp Casey				
Replace Fuel Storage Facility	5,500	5,500	C	126
Spain				
Rota				
Marine Loading Arms	3,000	3,000	C	129
Total Outside the United States	**41,500**	**41,500**		
TOTAL	**163,639**	**163,639**		

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
EIELSON AFB, ALASKA	DEFENSE LOGISTICS AGENCY	1.74

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	26,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	8,800
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	19,288
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	54,088

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
411	Replace Bulk Fuel Storage Tanks	15,900 kL (100,000 BL)	8,800	02/00	08/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
121	Hydrant Fuel System (FY 04)	19,288

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Eielson Air Force Base and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $12.1 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
EIELSON AIR FORCE BASE, ALASKA	REPLACE BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0301	8,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	6,525
FUEL STORAGE TANK	kL	15,900	250	(3,975)
TRANSFER PUMPHOUSE	LS	-	-	(1,400)
RAILCAR UNLOAD/TRUCK FILLSTAND IMPROVEMENTS	LS	-	-	(250)
FUEL DISTRIBUTION PIPING	LS	-	-	(815)
ANTITERRORISM/FORCE PROTECTION	LS	-	-	(85)
SUPPORTING FACILITIES	-	-	-	1,345
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(500)
SITE UTILITIES / FIRE PROTECTION	LS	-	-	(500)
DEMOLITION	LS	-	-	(225)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(120)
SUBTOTAL	-	-	-	7,870
CONTINGENCY (5%)	-	-	-	394
ESTIMATED CONTRACT COST	-	-	-	8,264
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)	-	-	-	537
TOTAL REQUEST	-	-	-	8,801
TOTAL REQUEST ROUNDED	-	-	-	8,800

10. Description of Proposed Construction: Construct a 15,900-kiloliter (kL) (100,000-barrel) aboveground jet fuel (JP-8) storage tank, fuel distribution piping, and transfer pumphouse. Work includes a leak detection system, cathodic protection, containment dike, automatic tank gauging, level alarms, and other standard tank appurtenances. Integrate operation of existing railcar unload stations and truck fillstands with the new tank. Provide fencing, utilities, pavements, water well system for fire protection, and improvements to intra-terminal distribution piping. Project also includes security lighting for anti-terrorism/force protection. Demolish five aboveground tanks of 12,700-kL (80,000 barrels) total capacity and associated fuel piping. Provide operations and maintenance support information.

11. REQUIREMENT: 103,970 kiloliters (kL) ADEQUATE: 88,095 kL SUBSTANDARD: 12,700 kL

PROJECT: Construct a 15,900-kL aboveground jet fuel bulk storage tank and distribution system to replace five existing tanks. (C)

REQUIREMENT: There is a need to replace jet fuel storage capacity at this location, lost by the closure of five 46-year-old tanks that were out of compliance with regulations of the Alaska Department of Environmental Conservation (ADEC). Additional fuel storage of 15,900 kL (100,000 barrels) is required to meet peacetime operating stock and war reserve levels to support strategic en route refueling operations, multi-theater intercept missions, and COPE THUNDER and NORTHERN EDGE annual training exercises.

1. Component DEFENSE (DLA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date JUN 01

3. Installation and Location:	4. Project Title
EIELSON AIR FORCE BASE, ALASKA	REPLACE BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0301	8,800

CURRENT SITUATION: Five bulk fuel tanks were removed from service in 1999 to conform with an ADEC Alternate Compliance Schedule agreement. These tanks failed to comply with regulations for leak detection, overfill prevention, and secondary containment. In addition, tank foundations had settled beyond recommended safety standards. As a result of these tank closures, the current bulk fuel storage capacity at Eielson Air Foce Base is insufficient to support assigned missions. Existing tanks will be demolished as part of this project.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate on-site jet fuel storage will seriously jeopardize force projection and strategic airlift in the Pacific. Bulk petroleum war reserve stocks will continue to be mal-positioned within the theater.

ADDITIONAL: Since the existing tanks have been removed from service and closed, construction of a new tank to replace storage capability is the only feasible alternative to satisfy the requirement. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..02/00
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
   - (c) Percent Completed as of January 2001…..……..……..…35
   - (d) Date 35 Percent Completed…….08/00
   - (e) Date Design Complete……..……...08/01
   - (f) Type of Design Contract.....…….Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……YES
   - (b) Date Design was Most Recently Used:……07/00

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)

   - (a) Production of Plans and Specifications…….420
   - (b) All Other Design Costs…….280
   - (c) Total……..700
   - (d) Contract……..……..560
   - (e) In-House……140

4. Contract Award.....…….....…….01/02
5. Construction Start…….……02/02
6. Construction Completion.....…….……..08/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN (DDJC), TRACY, CALIFORNIA	DEFENSE LOGISTICS AGENCY	1.17

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	30,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	29,705
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	59,705

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
441	Replace General Purpose Warehouse	45,894 m^2 (494,000 SF)	30,000	01/01	05/02

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
441	Replace General Purpose Warehouse (FY 06)	29,705

10. MISSION OR MAJOR FUNCTION One of two primary distribution sites within DLA's distribution system, DDJC is responsible for the receipt, storage, and shipment of assigned commodities, primarily in support of the western United States and the Pacific area.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN, TRACY, CALIFORNIA	REPLACE GENERAL PURPOSE WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	441	DDJC0301	30,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY…….	-	-	-	22,442
GENERAL PURPOSE WAREHOUSE……..……..….(494,000 SF)	m^2	45,894	489	(22,442)
SUPPORTING FACILITIES……..	-	-	-	4,400
SITE UTILITIES / IMPROVEMENTS.…….	LS	-	-	(1,910)
DEMOLITION……..……..…….	LS	-	-	(2,390)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION..……..	LS	-	-	(100)
SUBTOTAL…….	-	-	-	26,842
CONTINGENCY (5%)……	-	-	-	1,342
ESTIMATED CONTRACT COST……..……..……..	-	-	-	28,184
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6%)……..…	-	-	-	1,691
TOTAL REQUEST…….	-	-	-	29,875
TOTAL REQUEST (ROUNDED)……..	-	-	-	30,000
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(10,139)

10. Description of Proposed Construction: Construct a permanent, non-combustible, general-purpose warehouse with concrete floors and 7.62-meter (25 feet) clear stacking height for the receipt, storage, and issue of highly active commodities. The new facility will replace four wooden World War II warehouses of 64,415 m^2 (693,360 square feet), which will be demolished as part of this project. Provide 929 m^2 (10,000 SF) of administrative areas with restrooms, locker rooms, and lunchroom for 140 employees. Access for the handicapped will be provided in the administrative areas. Provide operations and maintenance support information.

11. REQUIREMENT: 370,818 m^2 ADEQUATE: 237,038 m^2 SUBSTANDARD: 193,246 m^2

PROJECT: Construct a general-purpose warehouse to replace four WW II warehouses in support of the distribution mission at DDJC. (C)

REQUIREMENT: There is a need to provide modern storage and operational space for the receipt, storage, and issue of highly active commodities now being stored in four deteriorated WW II-era warehouses at the depot. Consolidation of the bulk storage mission in one warehouse will allow for the demolition of 64,415 m^2 of inefficient, deteriorated, and costly warehouses at Tracy. This project supports DLA's goal of vacating wooden WW II warehouses, reducing facilities infrastructure, and centralizing the distribution mission. There are no existing facilities on the depot that can be converted to meet this requirement.

CURRENT SITUATION: Currently DDJC is located at two sites, Sharpe and Tracy, located approximately 23 kilometers (14 miles) apart. DDJC has transferred the majority of their operations to the Tracy site, making it the primary distribution center for customers in the western United States and the Pacific. Receipt, storage, and issue of active items are now being accomplished at Tracy using inadequate warehouses constructed in 1943.

Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN (DDJC), TRACY, CALIFORNIA	REPLACE GENERAL PURPOSE WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	441	DDJC0301	30,000

IMPACT IF NOT PROVIDED: If this project is not provided, DDJC will be required to receive, store, and issue active stock in inefficient and inadequate storage facilities. The cost to maintain aging, worn out facilities will continue to increase. Moreover, the depot will be unable to implement its plan to eliminate the use of wooden warehouses, achieve facilities reduction goals, and further consolidate distribution operations.

ADDITIONAL: This project meets all applicable DoD criteria. An analysis considered the status quo or new construction. There are no existing facilities available to consider renovation. The analysis concluded the more feasible alternative was new construction. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..01/01
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……. NO
   - (c) Percent Completed as of January 2001…..……..……...3
   - (d) Date 35 Percent Completed..……06/01
   - (e) Date Design Complete…….……..……...05/02
   - (f) Type of Design Contract…..……..Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……..NO
   - (b) Date Design was Most Recently Used:……NA

3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)
   - (a) Production of Plans and Specifications…….……1000
   - (b) All Other Design Costs……275
   - (c) Total……..1,275
   - (d) Contract…….……0
   - (e) In-House……1,275
4. Contract Award.....…….....…….....……07/02
5. Construction Start……..……08/02
6. Construction Completion.....……..…….….. 08/04

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT($000)
Storage Aids and Material Handling Equipment	DWCF	2003	10,000
Systems Furniture and Furnishings	DWCF	2003	139
	Total:		10,139

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
HICKAM AIR FORCE BASE HAWAII	DEFENSE LOGISTICS AGENCY	1.45

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ……..	29,200
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	15,500
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL……..	44,700

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
121	Replace Hydrant Fuel System	32 OL	29,200	11/99	12/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
121	Replace Hydrant Fuel System (FY 04)	15,500

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of Hickam Air Force Base and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $11.2 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
HICKAM AIR FORCE BASE, HAWAII	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0201	29,200

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……..	-	-	-	23,239
REFUELING OUTLETS……	OL	32	508,000	(16,256)
OPERATING TANKS……	kL	7,950	350	(2,783)
PUMPHOUSE ……..…….	LS	-	-	(2,250)
TRUCK FILLSTAND/TRUCK UNLOADING STAND…….	LS	-	-	(1,600)
DIESEL STORAGE TANKS...…….	LS	-	-	(250)
ANTITERRORISM/FORCE PROTECTION……	LS	-	-	(100)
SUPPORTING FACILITIES…….	-	-	-	2,840
SITE PREPARATION AND IMPROVEMENTS…….	LS	-	-	(400)
MECHANICAL & ELECTRICAL UTILITIES……	LS	-	-	(540)
DEMOLITION……...……	LS	-	-	(1,500)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……..	LS	-	-	(400)
SUBTOTAL……..	-	-	-	26,079
CONTINGENCY (5%)……	-	-	-	1,304
ESTIMATED CONTRACT COST……	-	-	-	27,383
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)	-	-	-	1,780
TOTAL REQUEST……	-	-	-	29,163
TOTAL REQUEST ROUNDED……	-	-	-	29,200

10. Description of Proposed Construction: Provide one 190 liter-per-second (3000 gallon-per-minute) pumphouse, 32 hydrant fuel outlets, two 3,975-kiloliter (kL)(25,000-barrel) aboveground operating tanks, truck fillstands, truck unloading stations, pantographs, and checkout stand for hydrant service vehicle. Connect operating tanks to the bulk storage tanks. Work includes cathodic protection systems, fire hydrants, fire detection, utility connections, and emergency generator. Provide perimeter fencing, area lighting, electronically controlled access gates with intercom, and provisions for closed-circuit television (CCTV) cameras. Demolish three underground fuel tanks, two aboveground tanks, fuel piping, and associated pumphouses. Demolish a 365-kL (2,300-barrel) diesel tank and replace it with two 113-kL (714-barrel) self-contained aboveground tanks and diesel truck fillstand. Provide operations and maintenance support information.

11. REQUIREMENT: 44 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 30 OL

PROJECT: Replace two deteriorated hydrant fuel systems with one pressurized fuel system. (C)

REQUIREMENT: There is a need to provide a functioning hydrant fuel system for wide-bodied aircraft supporting strategic en route mobility requirements and operations plans in the Pacific. This system will replace one 29-year-old hydrant system and one 20-year-old system that are failing and cannot support peacetime missions or en route mobility requirements in contingency or wartime operations. This project provides the first of two hydrant fuel systems needed to meet a total requirement of 44 hydrant outlets at this location.

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
HICKAM AIR FORCE BASE, HAWAII	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0201	29,200

CURRENT SITUATION: The existing obsolete hydrant systems are failing and require constant repairs due to their deteriorated condition and the corrosive environment in which they operate. The cathodic protection systems on both hydrant systems have been depleted. Moreover, none of the fuel storage tanks has cathodic protection. During severe storm events, emergency fuel stop switches and alarm circuits become inoperative due to water intrusion into the underground telephone cables that relay signals to the control room. This outage results in long system shutdowns while cable problems are corrected by a private telephone company that owns and maintains the cable plant. Fiberglass and aluminum fuel piping, no longer the standard pipe used in hydrant systems, continues to suffer abrasion damage from the crushed coral backfill used to embed these pipes.

IMPACT IF NOT PROVIDED: If this project is not provided, a complete failure of the existing systems is likely as components and tanks continue to deteriorate and replacement parts become increasingly difficult to obtain. The continued use of this obsolete system jeopardizes the base's ability to refuel wide-bodied aircraft in support of current operations and en route mobility plans. The potential for environmental contamination from these underground fuel systems will increase.

ADDITIONAL: An analysis of the status quo, repair of the existing system, and replacement construction concluded that replacement of the existing system is the only feasible alternative to accomplish the refueling mission. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..…..11/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……..……NO
   - (c) Percent Completed as of January 2001…..……..……35
   - (d) Date 35 Percent Completed…….09/00
   - (e) Date Design Complete…….……...12/01
   - (f) Type of Design Contract.....…….Design/Bid/Build
2. Basis:
   - (a) Standard or Definitive Design:……..…….……YES
   - (b) Date Design was Most Recently Used:…….…….……09/99
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications…….…….……1080
   - (b) All Other Design Costs……720
   - (c) Total……..1,800
   - (d) Contract…….……..….1,440
   - (e) In-House……..….360
4. Contract Award.....…….....……..….01/02
5. Construction Start…….. …….02/02
6. Construction Completion.....…… …..05/04

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of contact is Thomas P. Barba at (703) 767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
McGUIRE AIR FORCE BASE NEW JERSEY	DEFENSE LOGISTICS AGENCY	1.17

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	4,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	4,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
411	Bulk Fuel Storage Tank	8,730 kL (55,000 BL)	4,400	01/01	10/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of McGuire Air Force Base and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $12.3 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
MCGUIRE AIR FORCE BASE, NEW JERSEY	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0230	4,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……....	-	-	-	3,283
FUEL STORAGE TANK……..…	kL	8,730	265	(2,313)
PUMPHOUSE ……..……	LS	-	-	(570)
FUEL DISTRIBUTION PIPING……	LS	-	-	(400)
SUPPORTING FACILITIES…….	LS	-	-	660
SITE PREPARATION AND IMPROVEMENTS……..…….	LS	-	-	(300)
SITE UTILITIES……....	LS	-	-	(300)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……	LS	-	-	(60)
SUBTOTAL…….	-	-	-	3,943
CONTINGENCY (5%)……	-	-	-	197
ESTIMATED CONTRACT COST……	-	-	-	4,140
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)……	-	-	-	248
TOTAL REQUEST……	-	-	-	4,388
TOTAL REQUEST ROUNDED……	-	-	-	4,400

10. Description of Proposed Construction: Construct one 8,730-kiloliter (kL) (55,000-barrel) aboveground storage tank (AST) for JP-8 jet fuel, a pumphouse, product recovery, and associated spill protection systems. The project will also include secondary containment dikes, prefilter station, leak detection, cathodic protection, receipt and distribution pipelines, and all associated equipment. Provide operations and maintenance support information.

11. REQUIREMENT: 39,683 kiloliters (kL) ADEQUATE: 30,953kL SUBSTANDARD: 0 kL

PROJECT: Construct one 8,730-KL aboveground bulk jet fuel (JP8) storage tank. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage capacity at McGuire AFB to support strategic airlift refueling operations and force projection in the Atlantic. Additional fuel storage of 8,730 kL is required to sustain contingency operations pending resupply by pipeline or truck. This project will provide an independent supply of fuel to support sustained mobilization operations.

CURRENT SITUATION: The existing bulk fuel storage capacity at McGuire AFB is insufficient to support contingency operations, mission readiness, and training. Current bulk storage tanks cannot support mobilization operations and training requirements without delays. McGuire AFB is called upon to support many peacekeeping, humanitarian, and wartime capabilities and supports the Air Mobility Command's premier training and testing center.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate on-site jet fuel storage will seriously jeopardize base operations, force projection, and strategic airlift in the Atlantic. This fuel facility will have to continue to support airlift fueling operations under adverse conditions that will severely strain an already overworked and aging fuel system. Completing aircraft sorties required for readiness training will not be possible due to fuel storage and resupply limitations. Fuel shortfalls will continue to exist.

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
MCGUIRE AIR FORCE BASE, NEW JERSEY	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0230	4,400

ADDITIONAL: This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..01/01
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……NO
   - (c) Percent Completed as of January 2001……..25
   - (d) Date 35 Percent Completed……..02/01
   - (e) Date Design Complete……10/01
   - (f) Type of Design Contract……...Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……YES
   - (b) Date Design was Most Recently Used:……07/00

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications……180
   - (b) All Other Design Costs…….. 70
   - (c) Total……..250
   - (d) Contract……..0
   - (e) In-House……...250

4. Contract Award.....……12/01
5. Construction Start……01/02
6. Construction Completion.....……..…11/02

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
POPE AIR FORCE BASE NORTH CAROLINA	DEFENSE LOGISTICS AGENCY	0.88

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	4,100
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	3,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	16,000
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	23,500

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
411	Bulk Fuel Storage Tank	8,730 kL (55,000 BL)	3,400	07/00	02/02

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
121	Replace Hydrant Fuel System (FY 06)	16,000

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of Pope Air Force Base and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $6.3 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
POPE AIR FORCE BASE, NORTH CAROLINA	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0303	$3,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……..	-	-	-	2,446
FUEL STORAGE TANK……	kL	8,730	200	(1,746)
FUEL DISTRIBUTION PIPING ……	LS	-	-	(700)
SUPPORTING FACILITIES…….	-	-	-	585
SITE PREPARATION AND IMPROVEMENTS…….	LS	-	-	(350)
SITE UTILITIES……	LS	-	-	(175)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……..	LS	-	-	(60)
SUBTOTAL…….	-	-	-	3,031
CONTINGENCY (5%)……	-	-	-	152
ESTIMATED CONTRACT COST……	-	-	-	3,183
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (*6%*)…….	-	-	-	191
TOTAL REQUEST……	-	-	-	3,374
TOTAL REQUEST ROUNDED……	-	-	-	3,400

10. Description of Proposed Construction: Construct one 8,730-kiloliter (kL) (55,000-barrel) aboveground jet fuel (JP-8) storage tank. Work includes leak detection, cathodic protection, filtration, pumping, containment dikes, automatic tank gauging, level alarm systems, and other standard tank appurtenances. Site improvements include fire protection, fencing, lighting, utilities, pavements, and modifications to fuel distribution piping to tie this tank into the existing fuel storage system.

11. REQUIREMENT: 17,460 kiloliters (kL) ADEQUATE: 8,730 kL SUBSTANDARD: 3,175 kL

PROJECT: Construct one 8,730-kL aboveground bulk jet fuel (JP-8) storage tank. (C)

REQUIREMENT: There is a need for additional jet fuel storage capacity at this location to support force projection of the Army's 18th Airborne Corps and readiness training missions. This bulk tank will remedy existing shortfalls for storing peacetime jet fuel operating stocks and war reserves.

CURRENT SITUATION: The current bulk fuel storage capacity at Pope AFB cannot support troop deployment and readiness training missions without delays. Refueling of transport aircraft is hampered by fuel shortages and resupply limitations due to inadequate on-base storage.

IMPACT IF NOT PROVIDED: If this project is not provided, insufficient on-base fuel storage capacity will continue to adversely impact mission readiness, jeopardizing force projection and training.

ADDITIONAL: Since the existing tanks have limited capacity, construction of a new tank is the only feasible alternative to satisfy the requirement. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

1. Component: DEFENSE (DLA)

FY 2002 MILITARY CONSTRUCTION PROJECT DATA

2. Date: JUN 01

3. Installation and Location:	4. Project Title
POPE AIR FORCE BASE, NORTH CAROLINA	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0303	$3,400

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..07/00
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)..……NO
   - (c) Percent Completed as of January 2001…..……..……..…35
   - (d) Date 35 Percent Completed…….08/00
   - (e) Date Design Complete……..……...02/02
   - (f) Type of Design Contract....……Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……YES
   - (b) Date Design was Most Recently Used:……07/00

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications……..…….110
   - (b) All Other Design Costs……..……70
   - (c) Total……180
   - (d) Contract……..……..0
   - (e) In-House……..….180

4. Contract Award.....…….....……...05/02
5. Construction Start……...06/02
6. Construction Completion.....……06/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
GRAND FORKS AIR FORCE BASE, NORTH DAKOTA	DEFENSE LOGISTICS AGENCY	1.01

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM ……..	9,110
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL……..	9,110

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
121	Hydrant Fuel System	1 OL	9,110	05/00	12/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of Grand Forks Air Force Base and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $3.2 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
GRAND FORKS AIR FORCE BASE, NORTH DAKOTA	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0430	9,110

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……..	-	-	-	6,696
REFUELING OUTLET……..……	OL	1	355,000	(355)
OPERATING TANKS……	kL	3,180	354	(1,126)
PUMPHOUSE ……..……..……...…….	LS	-	-	(1,620)
OPERATIONS BUILDING……	LS	-	-	(995)
REFUELER INSPECTION BUILDING ADDITION……..…….	LS	-	-	(425)
FUEL TRANSFER/DISTRIBUTION PIPING……..	LS	-	-	(1,975)
TRUCK FILLSTANDS……	LS	-	-	(200)
SUPPORTING FACILITIES……	-	-	-	1,489
SITE PREPARATION AND IMPROVEMENTS…….	LS	-	-	(544)
MECHANICAL & ELECTRICAL UTILITIES……	LS	-	-	(415)
DEMOLITION……..……	LS	-	-	(120)
GENERATORS WITH ENCLOSURES…….	LS	-	-	(280)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……..	LS	-	-	(130)
SUBTOTAL…….	-	-	-	8,185
CONTINGENCY (5%)……	-	-	-	409
ESTIMATED CONTRACT COST……	-	-	-	8,594
SUPERVISION, INSPECTION, & OVERHEAD (6%)…….	-	-	-	516
TOTAL REQUEST……	-	-	-	9,110

10. Description of Proposed Construction: Construct two 1,590-kiloliter (kL) (10,000-barrel) aboveground fuel storage tanks, a 152 liter-per-second (2,400 gallon-per-minute) pumphouse, one hydrant fuel outlet, fuel transfer line, truck fillstand, checkout stand for hydrant service vehicle, and fuel operations building. Add two bays to existing vehicle inspection station for refuelers. Connect eight existing hydrants to new supply and return piping. Provide valve pits for future connection of 16 additional outlets. The project also includes all necessary utilities, leak detection, cathodic protection, fire detection, emergency power generators, pavements, fencing, lighting, and miscellaneous demolition. Provide operations and maintenance support information.

11. REQUIREMENT: 48 Outlets (OL) ADEQUATE: 23 OL SUBSTANDARD: 0 OL

PROJECT: Construct a pressurized hydrant fuel system and support facilities. (C)

REQUIREMENT: There is a need to construct a hydrant fuel system for wide-bodied KC-135 aircraft supporting strategic plans and critical aircraft launch activity in major regional conflicts. This project provides the jet fuel storage tanks, pumphouse, and fuel system infrastructure to dovetail with an Air Force three-phased project to consolidate KC-135 parking in one location. Phase one of the Air Force project, approved in FY 2000, provided apron concrete pavements and hydrant pits for eight aircraft. Each remaining phase, to be programmed in future years, will provide similar apron work for

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
GRAND FORKS AIR FORCE BASE, NORTH DAKOTA	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0430	9,110

a total of 24 hydrant-supported parking positions. Hydrant piping was included in the Air Force projects to prevent having to cut new apron concrete to install this piping when the fuel project is constructed.

CURRENT SITUATION: Because of a lack of parking space on the main ramp, 24 of the base's 48 assigned KC-135 aircraft are parked on distant aprons or in maintenance hangars. While the main ramp has a hydrant fuel system for 23 parking positions, the remaining aircraft must be fueled by refueler trucks, which require up to a three-mile roundtrip to be refilled at fuel fillstands. Refueling in this manner takes about four hours per aircraft, which greatly exceeds Air Force standards for aircraft maximum en route ground time in peacetime (2 hours, 15 minutes) and contingency operations (1 hour). This split parking arrangement also creates operational and security concerns for the wing.

IMPACT IF NOT PROVIDED: If this project is not provided, the base will be unable to meet critical turnaround requirements of its tanker aircraft to support operations and contingency plans. Aircraft refueling by truck will continue to exceed Air Force standards and overtax current levels of manpower and equipment. Operational inefficiencies and security concerns will remain unabated.

ADDITIONAL: The status quo is unacceptable for meeting the base's mission. An analysis comparing a new hydrant system to refueling by truck concluded that the proposed project was the more cost-effective alternative. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..05/00
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……NO
   - (c) Percent Completed as of January 2001…….35
   - (d) Date 35 Percent Completed……..09/00
   - (e) Date Design Complete……12/01
   - (f) Type of Design Contract……Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……YES
   - (b) Date Design was Most Recently Used:……09/99

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications……300
   - (b) All Other Design Costs……200
   - (c) Total……500
   - (d) Contract……0
   - (e) In-House……500

4. Contract Award.....……...03/02
5. Construction Start……..04/02
6. Construction Completion……...10/03

B. Equipment associated with this project that will be provided from other appropriations: None

Point of contact is Thomas P. Barba at (703) 767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MINOT AIR FORCE BASE, NORTH DAKOTA	DEFENSE LOGISTICS AGENCY	1.08

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of USAF										
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
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 YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	14,000

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
121	Replace Hydrant Fuel System	18 OL	14,000	12/00	06/02

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of Minot Air Force Base and other contingency operations plans.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
MINOT AIR FORCE BASE, NORTH DAKOTA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0307	14,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……..	-	-	-	11,338
REFUELING OUTLET……..…..……	OL	18	380,000	(6,840)
OPERATING TANKS……..……	kL	3,180	380	(1,208)
PUMPHOUSE ……..……..…….…….	LS	-	-	(1,870)
FUEL TRANSFER/DISTRIBUTION PIPING & PUMPS……..……..	LS	-	-	(1,270)
TRUCK FILLSTANDS & CHECKOUT STAND…..……	LS	-	-	(150)
SUPPORTING FACILITIES……..…….	-	-	-	1,250
SITE PREPARATION AND IMPROVEMENTS…….	LS	-	-	(550)
MECHANICAL & ELECTRICAL UTILITIES……	LS	-	-	(360)
GENERATOR WITH ENCLOSURE……..…….	LS	-	-	(140)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION…...	LS	-	-	(200)
SUBTOTAL…….	-	-	-	12,588
CONTINGENCY (5%)……	-	-	-	629
ESTIMATED CONTRACT COST……..……	-	-	-	13,217
SUPERVISION, INSPECTION, & OVERHEAD (6%)…….	-	-	-	793
TOTAL REQUEST……..……	-	-	-	14,010
TOTAL REQUEST ROUNDED…….	-	-	-	14,000

10. Description of Proposed Construction: Construct two 1,590-kiloliter (kL) (10,000-barrel) aboveground fuel storage tanks, a 152 liter-per-second (2,400 gallon-per-minute) pumphouse, 18 hydrant fuel outlets, fuel transfer line, transfer pumps, truck fillstand, and checkout stand for hydrant service vehicle. Provide valve pits and appurtenances for future connection of six additional outlets when future expansion of the parking apron occurs. The project also includes all necessary utilities, leak detection, cathodic protection, fire detection, emergency power generator, pavements, fencing, and lighting. Provide operations and maintenance support information.

11. REQUIREMENT: 24 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 50 OL

PROJECT: Construct a pressurized hydrant fuel system and support facilities to replace three obsolete systems. (C)

REQUIREMENT: There is a need to construct a hydrant fuel system for wide-bodied B-52 aircraft supporting strategic plans and critical aircraft launch activities of the U.S. Strategic Command. This project provides the jet fuel storage tanks, pumphouse, and fuel system infrastructure to replace three obsolete, failing hydrant systems built in 1957 for smaller aircraft.

CURRENT SITUATION: The existing systems are obsolete and not capable of efficiently refueling wide-bodied aircraft. These systems were built in 1957 for light- and medium-sized aircraft of that era. Consequently, fuel flow rates are too low, hydrant outlet spacing is too close, and the condition of the mechanical and electrical equipment is too deteriorated to adequately support current B-52 missions. The existing 16 underground fuel storage tanks do not comply with current underground storage tank regulations for overfill protection, spill prevention, secondary containment, cathodic protection

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
MINOT AIR FORCE BASE, NORTH DAKOTA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0307	14,000

and tightness testing. Groundwater infiltration into control pits has shorted electrical circuits and deteriorated mechanical equipment. Since these systems are obsolete, repair parts are difficult, if not impossible, to obtain.

IMPACT IF NOT PROVIDED: If this project is not provided, the base will have inadequate fueling capability to meet critical launch requirements of its B-52 bomber aircraft supporting U.S. Strategic Command missions.

ADDITIONAL: The status quo is unacceptable for meeting the base's mission. An analysis comparing a new hydrant system to refueling by truck concluded that the proposed project was the more cost-effective alternative. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..12/00
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……NO
   - (c) Percent Completed as of January 2001…..……..……3
   - (d) Date 35 Percent Completed……...06/01
   - (e) Date Design Complete……..…06/02
   - (f) Type of Design Contract……Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……YES
   - (b) Date Design was Most Recently Used:……..……09/99

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   - (a) Production of Plans and Specifications……..…510
   - (b) All Other Design Costs…….…….340
   - (c) Total…….……..850
   - (d) Contract……..…….0
   - (e) In-House…….…….850

4. Contract Award.....……....09/02
5. Construction Start……..10/02
6. Construction Completion……...03/04

B. Equipment associated with this project that will be provided from other appropriations: None

Point of contact is Thomas P. Barba at (703) 767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DDSP NEW CUMBERLAND, PENNSYLVANIA	DEFENSE LOGISTICS AGENCY	0.94

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. As of SEPT 00	14	11	1653	0	0	0	201	0	663	2542
B. End of FY 2006	12	10	1600	0	0	0	190	0	600	2412

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	848
B. INVENTORY TOTAL AS OF MAY 01	3,649,211
C. AUTHORIZATION NOT YET IN INVENTORY	5,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	19,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	77,134
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	3,751,245

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
441	Special Purpose Warehouse	22,482 m^2 (242,000 SF)	19,900	12/99	09/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
441	Replace General Purpose Warehouse (FY 04)	28,000
219	Consolidate Maintenance Facility (FY 05)	19,134
724	Lodging Facility (FY 05)	4,000
441	General Purpose Warehouse (FY 06)	15,000
740	Commissary Replacement (FY 06)	4,000
442	Open Shed (FY 06)	7,000

10. MISSION OR MAJOR FUNCTION

Defense Distribution Depot Susquehanna (DDSP) is responsible for receiving, storing, issuing, and shipping Department of Defense owned commodities to all branches of the Armed Forces as well as supporting other Federal agencies. Among the commodities are medical materiel, clothing and textiles, subsistence, and industrial, construction, and electronic parts required for maintenance support of Armed Forces equipment. DDSP is the home of the Eastern Distribution Center, a 148,600 square meter (1.6 million square feet) automated materiel processing center that services CONUS and overseas customers.

The backlog of maintenance and repair at this location is $ 47.8 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, (DDSP) NEW CUMBERLAND, PENNSYLVANIA	SPECIAL PURPOSE WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	441	DDSP0201	19,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY…….	-	-	-	15,113
SPECIAL PURPOSE WAREHOUSE……..….(242,000 SF)	m^2	22,482	650	(14,613)
MEZZANINE AND VAULT…….	LS	-	-	(500)
SUPPORTING FACILITIES……	-	-	-	2,765
SITE UTILITIES / IMPROVEMENTS.……	LS	-	-	(1,990)
DEMOLITION……..…….	LS	-	-	(475)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION..…	LS	-	-	(300)
SUBTOTAL…….	-	-	-	17,878
CONTINGENCY (5%)……	-	-	-	894
ESTIMATED CONTRACT COST……..……..……..	-	-	-	18,772
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6%)……	-	-	-	1,126
TOTAL REQUEST……	-	-	-	19,898
TOTAL REQUEST (ROUNDED)……	-	-	-	19,900
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(4,380)

10. Description of Proposed Construction: Construct a permanent, non-combustible, special purpose warehouse with concrete floors and 7.62-meter (25 feet) clear stacking height for operation and storage of medical materials that must be stored in a secure and controlled environment. Provide operational space for medical set assembly and storage space for medical supply functions. A 1,394 m^2 (15,000 SF) mezzanine and vault will be provided for storage of the controlled medical commodity. An annex will provide a 418 m^2 (4,500 SF) administrative area with restrooms, locker rooms, and lunchroom. Demolish a metal shed, totaling 223 m^2 (2,400 SF), and relocate its function outside of the construction zone. Access for the handicapped will be provided in the administrative area. Provide operations and maintenance support information.

11. REQUIREMENT: 334,843 m^2 ADEQUATE: 201,238 m^2 SUBSTANDARD: 126,760 m^2

PROJECT: Construct a special purpose warehouse to consolidate specialized operations in support of the medical mission at DDSP. (C)

REQUIREMENT: There is a need to provide modern storage and operational space for medical commodities now being stored in six deteriorated World War II warehouses at the Mechanicsburg site of the depot. The proposed facility will consolidate the depot's entire medical mission in New Cumberland. Relocation of the medical mission will allow DLA to vacate 30,276 m^2 (325,900 SF) of inefficient, deteriorated, and costly structures. This project supports an approved plan to reduce facilities infrastructure and centralize the distribution operations. There are no existing facilities on the depot that can be converted to meet this requirement.

CURRENT SITUATION: The medical mission at the Mechanicsburg site is currently being conducted in six different inefficient World War II warehouses retrofitted for temperature control and in other uncontrolled storage locations.

Component: DEFENSE (DLA)

FY 2002 MILITARY CONSTRUCTION PROJECT DATA

2. Date: JUN 01

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA, (DDSP) NEW CUMBERLAND, PENNSYLVANIA	SPECIAL PURPOSE WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	441	DDSP0201	19,900

In addition, distribution centralization efforts have started to consolidate personnel to reduce costs and improve efficiency. This project plays an integral part in achieving these goals.

IMPACT IF NOT PROVIDED: If this project is not provided, DDSP will be required to store high-value, temperature - sensitive items in a less than adequate environment. The cost to maintain aging, worn out facilities will continue to increase. Moreover, the depot will be unable to implement its plan to eliminate the use of wooden warehouses, achieve facilities reduction goals, and further consolidate distribution operations.

ADDITIONAL: This project meets all applicable DoD criteria. An analysis considered the status quo or new construction. There are no existing facilities available to consider renovation. The analysis concluded the most feasible alternative was new construction. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..12/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……. NO
   - (c) Percent Completed as of January 2001…..……..…….35
   - (d) Date 35 Percent Completed…….08/00
   - (e) Date Design Complete……..……...09/01
   - (f) Type of Design Contract……..Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……..NO
   - (b) Date Design was Most Recently Used:……NA

3. Total Cost (c) = (a) + (b) or (d) + (e) ($000)
   - (a) Production of Plans and Specifications……680
   - (b) All Other Design Costs……490
   - (c) Total……..1,170
   - (d) Contract……..……900
   - (e) In-House…….. 270

4. Contract Award.....…….....….....……01/02
5. Construction Start……..……02/02
6. Construction Completion.....…….…….. 02/04

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT($000)
Storage Aids and Material Handling Equipment	DWCF	2003	4,220
Systems Furniture and Furnishings	DWCF	2003	160
	Total:		4,380

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
3. INSTALLATION AND LOCATION DEFENSE (DLA) DEFENSE SUPPLY CENTER PHILADELPHIA, PENNSYLVANIA	4. COMMAND DEFENSE LOGISTICS AGENCY	5. AREA CONSTRUCTION COST INDEX 1.08

NUN01

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of Navy										
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	2,429
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	2,429

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
740	Consolidate Indoor Fitness Facilities	4,912 m^2 (52,872 SF)	2,429	04/99	12/99

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The Defense Supply Center Philadelphia (DSCP) provides a full range of supplies and logistic services to the Department of Defense, military services, federal civil agencies, and select foreign governments. DSCP buys food, clothing and textiles, medicines and medical supplies, and general and industrial supplies. DSCP's mission is to ensure the combat readiness and sustainment of America's fighting forces by providing world-class logistical support in peace and war. DSCP's mission also includes peacetime military operations, supporting other non-war-related defense activities, such as disaster relief and humanitarian aid.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
DEFENSE SUPPLY CENTER PHILADELPHIA (DSCP) PENNSYLVANIA	CONSOLIDATE INDOOR FITNESS FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	740	DSCP0201	2,429

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES…….……(52,872 SF).	m^2	4,912	432.40	2,124
ELECTRICAL/COMMUNICATION SYSTEMS……..…	LS		-	(639)
PLUMBING SYSTEMS…….….	LS	-	-	(257)
HEATING, VENTILATION, & AIR CONDITIONING (HVAC)…….	LS	-	-	(555)
FIRE PROTECTION…….	LS	-	-	(75)
INTERIOR CONSTRUCTION & FINISHES……	LS	-	-	(550)
INTERIOR DEMOLITION……..	LS	-	-	(48)
SUPPORTING FACILITIES…….	-	-	-	59
SITE PREPARATION……..	LS	-	-	(3)
CIVIL/MECHANICAL UTILITIES…….	LS	-	-	(56)
SUBTOTAL…….	-	-	-	2,183
CONTINGENCY (5%)……	-	-	-	109
ESTIMATED CONTRACT COST……	-	-	-	2,292
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)……	-	-	-	137
TOTAL REQUEST……	-	-	-	2,429

10. Description of Proposed Construction: Alter an existing gymnasium by providing a new plumbing system for restrooms and upgrading electrical, heating, ventilation, communication, and fire protection systems. Construct interior partitions and provide new finishes for aerobic training room, staff office space, health training room, and locker rooms. Provide air conditioning to the above rooms. Demolish existing restrooms and interior partitions to accommodate new work.

11. REQUIREMENT: 4, 912 square meters (m^2) ADEQUATE: 0 m^2 SUBSTANDARD: 4,953 m^2

PROJECT: Consolidate three separate indoor fitness centers into one by altering an existing facility. (C)

REQUIREMENT: There is a need to consolidate three separate indoor fitness centers at this activity to improve efficiency, lower operating costs, relieve overcrowding, and replace grossly inadequate restroom and locker facilities. Alterations to underutilized space in the existing gymnasium building will provide suitable room for aerobics, health assessments, free weights, multi-purpose courts, cardiovascular training equipment, and support areas. Consolidation will allow staff reductions of up to three contractor personnel at an expected savings of $75,000 per year.

CURRENT SITUATION: The existing fitness centers are small, overcrowed facilities that were constructed with minimum investment over the years to meet evolving mission and personnel-strength changes. These facilities are undersized to meet current employee usage demand and cannot be expanded because of their constrained locations. Heating, ventilation, and electrical systems are inadequate for the high-demand loads imposed by training equipment and patrons. Locker rooms are cramped and lack sufficient shower and toilet facilities. As an example, showers in the gymnasium were installed on makeshift wooden platforms in an expedient attempt to mitigate these conditions.

1. Component: DEFENSE (DLA)

FY 2002 MILITARY CONSTRUCTION PROJECT DATA

2. Date: JUN 01

3. Installation and Location:	4. Project Title
DEFENSE SUPPLY CENTER PHILADELPHIA (DSCP) PENNSYLVANIA	CONSOLIDATE INDOOR FITNESS FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	740	DSCP0201	2,429

This rudimentary gymnasium, converted from a former warehouse, houses an indoor basketball court and multi-purpose court. It has ample room to accommodate the activities of the other two fitness centers, but lacks suitable mechanical, plumbing, and electrical systems, which would be provided by this project.

IMPACT IF NOT PROVIDED: If this project is not provided, the activity will lose an opportunity to consolidate the operation of its fitness centers and reduce operating costs. A sound building will remain underutilized while military and civilian personnel continue to endure inadequate conditions at the existing, overtaxed fitness centers. Under these circumstances, the Agency will fall short of the goals in DoD policy on Health Promotion to foster an environment that enhances the development of healthful lifestyles and fitness for its employees.

ADDITIONAL: An analysis considering the status quo, new construction, or renovation of an existing facility concluded that renovation was the only feasible alternative since existing conditions are unacceptable and the installation does not have available land for a new building. The Director, Defense Logistics Agency, certifies that this facility is suitable for joint use and will be made available for use by other components. At this installation, DLA employees comprise 57 percent of the total population of 5,056 people. Consequently, to ensure adequate physical fitness facilities are available to DLA employees, the Director has opted to sponsor this joint-use project in lieu of the Navy host activity.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..04/99
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)..…..…NO
   - (c) Percent Completed as of January 2001….……..……..…100
   - (d) Date 35 Percent Completed……..06/99
   - (e) Date Design Complete……..……12/99
   - (f) Type of Design Contract....……..……Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……NO
   - (b) Date 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……60
   - (c) Total……155
   - (d) Contract……..……125
   - (e) In-House……30
4. Contract Award.....…….....……12/01
5. Construction Start……01/02
6. Construction Completion.....……..01/03

B. Equipment associated with this project that will be provided from other appropriations:
None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FT. BELVOIR, VIRGINIA	DEFENSE LOGISTICS AGENCY	0.95

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
Tenant of Army										
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	900

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
826	Additional Chiller Unit	500 Tons	900	04/00	08/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

The Defense Logistics Agency is responsible to the Secretary of Defense for providing services and supplies used in common by all the military services. The agency's mission is to provide effective logistics support in the area of supply and technical services to all military services, federal civil agencies, and foreign governments as assigned.

The backlog of maintenance and repair at this location is $11.9 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
DEFENSE LOGISTICS AGENCY (DLA) FORT BELVOIR, VIRGINIA	ADDITIONAL CHILLER UNIT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
72898S	826	DSSI0201	900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……..	-	-	-	195
CHILLER UNIT INSTALLATION……	TN	500	224	(112)
COOLING TOWER…….	TN	600	138	(83)
SUPPORTING FACILITIES…….	-	-	-	600
STRUCTURAL/MECHANICAL PREPARATION……	LS	-	-	(165)
PIPING MODIFICATIONS…….	LS	-	-	(120)
ELECTRICAL SYSTEMS……..	LS	-	-	(300)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION…….	LS	-	-	(15)
SUBTOTAL…….	-	-	-	795
CONTINGENCY (5%)……	-	-	-	40
ESTIMATED CONTRACT COST……	-	-	-	835
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6%)……..……	-	-	-	50
TOTAL REQUEST……	-	-	-	885
TOTAL REQUEST ROUNDED……	-	-	-	900
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)				(125)

10. Description of Proposed Construction: Install a government furnished 500-ton chiller unit similar to three existing chillers in the main air conditioning plant. Integrate the new unit into the plant with associated auxiliary equipment, piping modifications, electrical power, emergency power connections, and controls. A 600-ton cooling tower to support the new chiller will be installed on the roof and piped to the lower-level central plant. Make structural modifications to support new equipment and piping. Install bypass pumps and piping to prevent condenser freezing. Provide operations and maintenance support information.

11. REQUIREMENT: 2,000 Tons ADEQUATE: 1,500 Tons SUBSTANDARD: 0 Tons

PROJECT: Provide additional cooling capacity in the main air conditioning plant of a large administrative complex. (C)

REQUIREMENT: There is a need to provide additional cooling capacity in the main chilled water plant at the DLA Headquarters Complex to ensure around-the-clock support of critical computing equipment and to provide reserve capacity in the event of a failure of one of the existing three chillers during periods of high demand in the summer. The new chiller and cooling tower will be integrated into the existing plant with necessary modifications to existing piping, mechanical equipment, electrical systems, and controls to allow normal and by-pass operations.

CURRENT SITUATION: The existing chilled water plant, consisting of three 500-ton chillers, is overtaxed in meeting current building cooling requirements. There is no reserve chiller to stand in for a unit shut down for maintenance or repair or to meet peak demand. This condition is particularly acute in the summer since this state-of-the-art system needs three running units to make ice at night to meet the building's cooling needs the next day. While these chillers are working in this mode, there is little or no reserve to meet continuous (24/7) cooling requirements of essential computer equipment in the building. If one of the existing units is off line for any reason, building operations must be

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
DEFENSE LOGISTICS AGENCY (DLA) FORT BELVOIR, VIRGINIA	ADDITIONAL CHILLER UNIT

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
72898S	826	DSSI0201	900

selectively curtailed due to a lack of cooling. In the summer of 1999, load shedding was required on four different occasions to maintain priority cooling service within the building.

IMPACT IF NOT PROVIDED: If this project is not provided, existing chillers will continue to operate at maximum capacity with no reserve to handle the continuous cooling requirements of computer equipment or unforeseen mechanical downtime. Without the proposed chiller, minor failures in the cooling system could cause disruption to operations of the Defense Logistics Agency, Defense Contract Audit Agency, Defense Threat Reduction Agency, and other tenants within the building.

ADDITIONAL: Status quo is an unacceptable alternative for meeting the increasing cooling requirements of this building and preventing operational shutdowns. Expansion of the existing system by adding an additional chiller is the only feasible alternative. A government-furnished chiller is proposed to meet the constrained size limitations of the existing mechanical room, coolant compatability with existing chillers and current support systems for maintenance. Chillers manufactured after 2001 will no longer be directly compatable with the existing system. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. By the nature of this project, it is not suitable for use by other components.

12. Supplemental Data:

A. Estimated Design Data:
1. Status:
   (a) Date Design Started……..04/00
   (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)..……NO
   (c) Percent Completed as of January 2001……..……..…35
   (d) Date 35 Percent Completed…….08/00
   (e) Date Design Complete……..……...08/01
   (f) Type of Design Contract.....…….Design/Bid/Build
2. Basis:
   (a) Standard or Definitive Design:……..……..…NO
   (b) Date Design was Most Recently Used:……..N/A
3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
   (a) Production of Plans and Specifications…….……..75
   (b) All Other Design Costs…….……..50
   (c) Total……..125
   (d) Contract……..…..…..100
   (e) In-House…….25
4. Contract Award.....…….....…….11/01
5. Construction Start…….…….11/01
6. Construction Completion.....……..04/02

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
500-Ton Chiller	DWCF, Capital	2001	125

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
ANDERSEN AFB, GUAM	DEFENSE LOGISTICS AGENCY	1.99

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	60,300
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	20,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	18,400
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	98,700

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
121	Replace Hydrant Fuel System	17 OL	20,000	11/99	11/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
121	Replace Hydrant Fuel System (FY 04)	18,400

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units of Andersen Air Force Base and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $12.8 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0203	20,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY……..	-	-	-	16,106
REFUELING OUTLETS……	OL	17	617,000	(10,489)
OPERATING TANKS……	kL	3,180	650	(2,067)
PUMPHOUSE ……..…….	LS	-	-	(2,100)
TRUCK FILLSTAND……..……..	LS	-	-	(350)
FUEL TRANSFER LINE/DISTRIBUTION SYSTEM...……	LS	-	-	(1,000)
ANTITERRORISM/FORCE PROTECTION……..……..	LS	-	-	(100)
SUPPORTING FACILITIES…….	-	-	-	1,850
SITE PREPARATION AND IMPROVEMENTS…….	LS	-	-	(500)
MECHANICAL & ELECTRICAL UTILITIES……	LS	-	-	(500)
DEMOLITION……..……	LS	-	-	(500)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……..	LS	-	-	(350)
SUBTOTAL…….	-	-	-	17,956
CONTINGENCY (5%)……	-	-	-	898
ESTIMATED CONTRACT COST……	-	-	-	18,854
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)	-	-	-	1,226
TOTAL REQUEST……	-	-	-	20,080
TOTAL REQUEST ROUNDED……	-	-	-	20,000

10. Description of Proposed Construction: Provide one 152 liter-per-second (2400 gallons-per-minute) pumphouse, 17 hydrant fuel outlets, two 1,590-kiloliter (kL)(10,000-barrel) aboveground operating tanks, truck fillstand, and checkout stand for hydrant service vehicles. Replace fuel transfer pipeline connecting operating tanks to bulk storage tanks. Work includes cathodic protection systems, fire detection, fire hydrants, utility connections, and emergency generator. Antiterrorism force protection measures include perimeter fencing and security lighting for operational facilities. Demolish 3 pumphouses, 18 underground storage tanks, 3 underground waste tanks, hydrant outlet pits, and associated underground fuel piping outside of airfield pavement areas. Provide operations and maintenance support information.

11. REQUIREMENT: 67 Outlets (OL) ADEQUATE: 39 OL SUBSTANDARD: 28 OL

PROJECT: Replace a deteriorated hydrant fueling system with a Type III pressurized fuel system. (C)

REQUIREMENT: There is a need to provide a functioning hydrant fuel system for wide-bodied aircraft supporting strategic en route mobility requirements and operations plans in the Pacific. This 17-outlet system will replace a hydrant system that is failing and cannot support peacetime missions or en route mobility requirements in contingency or wartime operations. This project provides the third of four hydrant fuel systems needed to meet the total requirement of 67 hydrants. Previous systems were approved in the FY 00 and FY 01 DLA MILCON programs.

1. Component: DEFENSE (DLA)

FY 2002 MILITARY CONSTRUCTION PROJECT DATA

2. Date: JUN 01

3. Installation and Location:	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0203	20,000

CURRENT SITUATION: The existing 41-year-old hydrant system is failing and requires constant repairs due to its condition and the harsh environment in which it operates. Because of the system's age, repair parts are no longer commercially available and must be salvaged from other similar systems or individually fabricated. The system fails regularly due to corrosion and water infiltration into valve pits and conduits. Pumphouses are often out of service for extended periods because of continual failures of the electrical systems. When large-frame aircraft are located at parking locations without hydrant capability, they must be serviced by refueling trucks. Because of the distances the refuelers must travel between aircraft and truck fillstands, they cannot provide the necessary fuel support in the required one-hour refueling time.

IMPACT IF NOT PROVIDED: If this project is not provided, a complete failure of the existing system is likely as components continue to deteriorate. The prolonged use of this obsolete system jeopardizes the base's ability to refuel wide-bodied aircraft in support of current operation and en route mobility plans. The potential for environmental contamination from deteriorating underground fuel systems will increase.

ADDITIONAL: An analysis of the status quo, refueling by truck, or constructing the proposed hydrant system concluded that replacement of the existing system is the only feasible alternative to accomplish the refueling mission. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:
   1. Status:
      (a) Date Design Started……..11/99
      (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)..……NO
      (c) Percent Completed as of January 2001……..……..…35
      (d) Date 35 Percent Completed…….03/00
      (e) Date Design Complete……..……...11/01
      (f) Type of Design Contract....……Design/Bid/Build

   2. Basis:
      (a) Standard or Definitive Design:……..……YES
      (b) Date Design was Most Recently Used:……09/99

   3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)
      (a) Production of Plans and Specifications……..450
      (b) All Other Design Costs……..290
      (c) Total……740
      (d) Contract……..……...590
      (e) In-House……150
   4. Contract Award.....…….....…….01/02
   5. Construction Start……..02/02
   6. Construction Completion.....……04/03

B. Equipment associated with this project that will be provided from other appropriations:
   None

Point of contact is Thomas P. Barba at (703) 767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
YOKOTA AIR BASE, JAPAN	DEFENSE LOGISTICS AGENCY	1.90

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of USAF	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	13,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	24,600
F. PLANNED IN NEXT THREE YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL……..	37,600

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
411	Bulk Fuel Storage Tank	15,900 kL (100,000 BL)	13,000	12/99	08/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
411	Bulk Fuel Storage Tanks (FY 03)	24,600

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of Yokota Air Base and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $2.5 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
YOKOTA AIR BASE, JAPAN	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0202	13,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES…….……..	-	-	-	11,062
FUEL STORAGE TANKS……	kL	15,900	635	(10,097)
FILTER STATIONS……..……	LS	-	-	(400)
UNLOAD STATIONS……..……..……..……	LS	-	-	(165)
FUEL DISTRIBUTION PIPING ……	LS	-	-	(300)
ANTITERRORISM/FORCE PROTECTION…….	LS	-	-	(100)
SUPPORTING FACILITIES……	-	-	-	600
SITE PREPARATION AND IMPROVEMENTS……..	LS	-	-	(200)
SITE UTILITIES……	LS	-	-	(100)
DEMOLITION ..…..…..…..……	LS	-	-	(100)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……..	LS	-	-	(200)
SUBTOTAL…….	-	-	-	11,662
CONTINGENCY(5%)……	-	-	-	583
ESTIMATED CONTRACT COST…….	-	-	-	12,245
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)……	-	-	-	796
TOTAL REQUEST……	-	-	-	13,041
TOTAL REQUEST (ROUNDED)…….	-	-	-	13,000
Currency Exchange Rate: ¥126.68/$				

10. Description of Proposed Construction: Construct a 15,900-kiloliter (kL) (100,000-barrel) cut-and-cover, steel-lined, reinforced concrete storage tank for JP-8 fuel. Work will include secondary containment, cathodic protection, fire protection, transfer pumps, filter separators, unload stations, emergency power generator, fencing, lighting, utilities, pavements, and modifications to distribution piping. Anti-terrorism force protection measures include security lighting and provisions for use of surveillance cameras**.** Provide operations and maintenance support information.

11. REQUIREMENT: 71,500 kiloliters (kL) ADEQUATE: 23,800 kL SUBSTANDARD: 0 kL

PROJECT: Construct a 15,900-kL (100,000-barrel) cut-and-cover underground bulk fuel (JP-8) storage tank. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage at this location to support strategic en route refueling operations, strategic airlift, and force projection in Asia. This is the first of two projects to provide a total of 47,700 kL (300,000 barrels) of additional fuel storage capacity at this site. The second project is planned for the FY 03 MILCON program. Bulk storage tanks will store jet fuel required to sustain contingency operations pending resupply by rail or truck. This project will reduce the number of resupply cycles to support the base's requirements.

CURRENT SITUATION: The current bulk fuel storage capacity at Yokota Air Base is insufficient to support contingency operations. Because of this shortfall, the base must depend on the availablity of fuel from other storage sites and the ability to transport this fuel in a timely manner to the base via rail and truck during a contingency.

1. Component DEFENSE (DLA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date JUN 01

3. Installation and Location:	4. Project Title
YOKOTA AIR BASE, JAPAN	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0202	13,000

Use of these transportation modes requires significant coordination with the host-nation government with uncertain assurance of delivery, especially under emergency conditions.

IMPACT IF NOT PROVIDED: If this project is not provided, inadequate on-site jet fuel storage will seriously jeopardize base operations, force projection, and strategic airlift in the Pacific theater.

ADDITIONAL: This project is ineligible for Japanese Facilities Improvement Program (JFIP) funding because it will add to the fuel storage capacity of Yokota Air Base. Since the existing tanks have limited capacity, construction of new tanks is the only feasible alternative to satisfy the requirement. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:
   1. Status:
      (a) Date Design Started……12/99
      (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……..NO
      (c) Percent Completed as of January 2001…….…….…….35
      (d) Date 35 Percent Completed…….……07/00
      (e) Date Design Complete…….. …..…08/01
      (f) Type of Design Contract……..Design/Bid/Build

   2. Basis:
      (a) Standard or Definitive Design:……..……YES
      (b) Date Design was Most Recently Used:……..……..04/00

   3. Total Cost
      (a) Production of Plans and Specifications……..…..335
      (b) All Other Design Costs……..…...220
      (c) Total……..……555
      (d) Contract……..…..……445
      (e) In-House……...…110

   4. Contract Award.....……03/02
   5. Construction Start…….……04/02
   6. Construction Conpletion……04/04

B. Equipment associated with this project that will be provided from other appropriations:
   None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
CAMP CASEY, KOREA	DEFENSE LOGISTICS AGENCY	1.25

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of Army	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	5,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	0
F. PLANNED IN NEXT THREE YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	5,500

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
411	Replace Fuel Storage Facility	3,180 kL (20,000 BL)	5,500	01/00	09/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
	None	

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of Camp Casey and other contingency operations plans.

The backlog of maintenance and repair for fuel facilities at this location is $1 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
CAMP CASEY, KOREA	REPLACE FUEL STORAGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0204	5,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……..	-	-	-	4,307
FUEL STORAGE TANKS…….	kL	3,180	425	(1,352)
PUMPHOUSE ……	LS	-	-	(935)
OPERATIONS BUILDING……..	LS	-	-	(125)
TRUCK FILLSTAND/UNLOAD STATIONS……..…….	LS	-	-	(815)
RAILHEAD UNLOAD STATIONS…….…….	LS	-	-	(600)
FUEL DISTRIBUTION PIPING……	LS	-	-	(430)
ANTITERRORISM/FORCE PROTECTION……	LS	-	-	(50)
SUPPORTING FACILITIES…….	-	-	-	610
SITE PREPARATION AND IMPROVEMENTS…….	LS	-	-	(150)
SITE UTILITIES……..…….	LS	-	-	(370)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……..	LS	-	-	(90)
SUBTOTAL…….	-	-	-	4,917
CONTINGENCY(5%)……	-	-	-	246
ESTIMATED CONTRACT COST……	-	-	-	5,163
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)..……	-	-	-	336
TOTAL REQUEST……	-	-	-	5,499
TOTAL REQUEST ROUNDED……	-	-	-	5,500

Currency Exchange Rate: 1,349.5 Won/$

10. Description of Proposed Construction: Construct a fuel storage facility consisting of two 1,590-kiloliter (kL) (10,000-barrel) aboveground jet fuel (JP-8) storage tanks, railcar unloading spur, truck loading and unloading stations, pumphouse, and fuel operations building. Work includes impervious containment dikes, leak detection systems, cathodic protection, fire protection, automatic tank gauging, level alarms, and other standard tank appurtenances. Provide fencing, utility connections, security lighting, and pavements. Provide operations and maintenance support information.

11. REQUIREMENT: 3,180 Kiloliters (kL) ADEQUATE: 0 kL SUBSTANDARD: 3,180 kL

PROJECT: Replace the existing bulk fuel distribution point at Camp Castle with a new facility at Camp Casey. (C)

REQUIREMENT: There is a need to provide permanent, environmentally safe fuel storage at Camp Casey to support the US Army's 2nd Infantry Division. This facility replaces a long-standing tactical fuel system at nearby Camp Castle that uses flexible hoses, obsolete equipment, and other expedient measures to provide fuel to eight separate fuel activities in its area of responsibility. Relocation of this facility to Camp Casey will consolidate fuel operations into one central location and eliminate the congestion and transportation bottlenecks at the existing site.

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
CAMP CASEY, KOREA	REPLACE FUEL STORAGE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0204	5,500

CURRENT SITUATION: Existing fuel operations at Camp Castle are located at two distant sites that are using tactical fuel systems, meant for short-term use, as permanent fuel facilities. These systems of flexible hoses and diesel-powered pumps have no adequate containment system, spill prevention, or other controls meeting environmental standards. The fuel pipeline connecting the railcar unload station to the fuel tanks, 2.3 kilometers (1.4 miles) away, was shut down in 1999 due to leakage and integrity-test failures. Because of civilian encroachment along the pipeline right of way, this line cannot be repaired or replaced. Consequently, fuel must be unloaded from railcars into fuel trucks and transported along congested roads to resupply the two 10,000-barrel storage tanks. Even with structural repairs over the years, these bolted steel tanks, built in 1955, continue to have foundation settlement problems and weep fuel at the bolt holes. Fire protection for the tanks is grossly inadequate since the nearest fire hydrant is more than 500 meters (1,640 feet) away.

IMPACT IF NOT PROVIDED: If this project is not provided, fueling operations will continue using an assortment of temporary fixes and expedient equipment not suitable for long-term service or environmental compliance. Current use of trucks to shuttle fuel from the railhead to bulk storage risks personal safety and environmental accidents in this congested area. Fuel support for one of the Army's premier divisions will remain uncertain in an emergency.

ADDITIONAL: Status quo or repair of the existing fuel facility is infeasible without an operable pipeline to resupply fuel storage tanks. Consequently, new construction at a rail-accessible location is the only feasible alternative. This project was considered for host-nation funding. However, funds available in this program are insufficient to assure the immediate programming of this crucial fuel infrastructure project. Consequently, U.S. financing is requested. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..01/00
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……..NO
   - (c) Percent Completed as of January 2001… ……..…….35
   - (d) Date 35 Percent Completed…….08/00
   - (e) Date Design Complete……..……...09/01
   - (f) Type of Design Contract……..Design/Bid/Build
2. Basis:
   - (a) Standard or Definitive Design:……..……YES
   - (b) Date Design was Most Recently Used:……09/99
   - (c)
3. Total Cost ($000)
   - (a) Production of Plans and Specifications……300
   - (b) All Other Design Costs……200
   - (c) Total…….500
   - (d) Contract……..…….400
   - (e) In-House..……100
4. Contract Award.....…….....……02/02
5. Construction Start……..03/02
6. Construction Completion.....……..09/03

B. Equipment associated with this project that will be provided from other appropriations: None

Point of Contact is Thomas P. Barba at 703-767-3534

1. COMPONENT	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		JUN 01

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL STATION ROTA, SPAIN	DEFENSE LOGISTICS AGENCY	1.12

6. PERSONNEL STRENGTH

	PERMANENT			STUDENTS			SUPPORTED			
Tenant of Navy	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.										
B.										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY……	0
D. AUTHORIZATION REQUESTED IN THIS PROGRAM …….	3,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM……	23,400
F. PLANNED IN NEXT THREE YEARS……	0
G. REMAINING DEFICIENCY……..	0
H. GRAND TOTAL…….	26,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT TITLE	SCOPE	COST ($000)	DESIGN START	STATUS COMPLETE
122	Marine Loading Arms	6 EA	3,000	12/00	11/01

9. FUTURE PROJECTS

CATEGORY CODE	PROJECT TITLE	COST ($000)
121	Hydrant Fuel System (FY 03)	23,400

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential fuel storage and distribution systems to support the missions of assigned units of Naval Station Rota, Spain, and other contingency operations plans.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
NAVAL STATION ROTA, SPAIN	MARINE LOADING ARMS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	122	DESC0309	3,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES……..	-	-	-	1,200
FUEL LOADING ARMS……..…….	EA	6	200,000	(1,200)
SUPPORTING FACILITIES……..….	-	-	-	1,465
PIER STRUCTURAL IMPROVEMENTS/MODIFICATIONS..…….	LS	-	-	(900)
FUEL MANIFOLD MODIFICATIONS……..	LS	-	-	(535)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION……..	LS	-	-	(30)
SUBTOTAL…….	-	-	-	2,665
CONTINGENCY(5%)……	-	-	-	133
ESTIMATED CONTRACT COST……	-	-	-	2,798
SUPERVISION, INSPECTION, & OVERHEAD (SIOH) (6.5%)..……	-	-	-	182
TOTAL REQUEST……	-	-	-	2,980
TOTAL REQUEST ROUNDED……	-	-	-	3,000

Currency Exchange Rate: 1.1967 Euro/$

10. Description of Proposed Construction: Install commercial-standard marine fuel loading arms on the fueling pier at two locations (one set of three for each side of the pier) for receipt and issue of JP-5, JP-8, and DFM fuels. Provide operations and maintenance support information

11. REQUIREMENT: 6 EA ADEQUATE: 0 SUBSTANDARD: 0

PROJECT: Install six marine fuel loading arms at the fuel pier. (C)

REQUIREMENT: There is a need for an environmentally safe loading and unloading system for the transfer of diesel and jet fuel from ocean tankers that will reduce manpower requirements and costly hose inventories. This system will be comparable to commercial systems that are now a standard fuel-handling feature on fuel piers in the United States.

CURRENT SITUATION: Fuel operations at the existing pier are manpower intensive, requiring the use of a crane and several operators to couple and decouple hoses. Depending on hose size, ship configuration, location, and tide, each of these operations may take up to two hours to complete. After fuel transfer operations are completed, hoses are stripped of residual fuel into drip pans, resulting in product loss and the possibility for spilling fuel into the harbor. The maintenance of a large hose inventory is costly and time consuming. These conditions continue to overtax labor resources, especially since the fuels department has undergone significant work force reductions over the last few years.

IMPACT IF NOT PROVIDED: If this project is not provided, fueling operations at the pier will continue to be cumbersome and time consuming. The possibility of a catastrophic environmental accident from a ruptured or dropped hose poses a significant potential hazard. Manning shortfalls will lead to longer, more costly ship waiting times to load or unload fuel by means of hoses.

1. Component	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		JUN 01

3. Installation and Location:	4. Project Title
NAVAL STATION ROTA, SPAIN	MARINE LOADING ARMS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	122	DESC0309	3,000

ADDITIONAL: A precautionary prefinancing statement for the future recoupment of funds from the NATO Security Investment Program has been submitted to NATO. This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility has been considered for joint-use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:
   - (a) Date Design Started……..12/00
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)……..NO
   - (c) Percent Completed as of January 2001… ……..……1
   - (d) Date 35 Percent Completed……07/01
   - (e) Date Design Complete……..……...11/01
   - (f) Type of Design Contract……..……..Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……..NO
   - (b) Date Design was Most Recently Used:……..N/A

3. Total Cost ($000)
   - (a) Production of Plans and Specifications……150
   - (b) All Other Design Costs……...90
   - (c) Total……..240
   - (d) Contract……...……..190
   - (e) In-House..……..….50

4. Contract Award.....…….....……02/02
5. Construction Start……..03/02
6. Construction Completion.....……..03/03

B. Equipment associated with this project that will be provided from other appropriations: None

Point of Contact is Thomas P. Barba at 703-767-3534

1. Component DEFENSE (DLA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. Date JUN 01

3. Installation and Location:	4. Project Title
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES	PLANNING AND DESIGN

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S			3,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PLANNING AND DESIGN…….……..	LS	-	-	3,500
TOTAL REQUEST……	-	-	-	3,500

10. Description of Proposed Construction: Provide architect and engineer services, surveys, fees, and associated design agent costs for design of real property improvements included in the Defense Logistics Agency Military Construction (MILCON) program.

11. REQUIREMENT: Various

PROJECT: Provide Architect and Engineering (A-E) and design agent services. (C)

REQUIREMENT: Provide Architect and Engineering (A-E) and design agent services necessary for the design of Defense Logistics Agency MILCON projects for critical fuel facilities replacements at various locations.

IMPACT IF NOT PROVIDED: If these funds are not provided, the design of additional projects to support fuel infrastructure modernization will not be accomplished in time to meet programming milestones.

Point of Contact is Thomas P. Barba at 703-767-3534