DEFENSE LOGISTICS AGENCY
MILITARY CONSTRUCTION, DEFENSE-WIDE
FY 2004 BUDGET ESTIMATES
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Alaska				
Eielson Air Force Base				
Replace Hydrant Fuel System	17,000	17,000	C	30
Florida				
Eglin Air Force Base, Auxiliary Field 3				
Replace Jet Fuel Storage Complex	4,800	4,800	C	33
Eglin Air Force Base, Auxiliary Field 9				
Replace Fuel Pier	4,100	3,500	C	36
Hawaii				
Hickam Air Force Base				
Replace Hydrant Fuel System	14,100	14,100	C	39
Nebraska				
Offutt Air Force Base				
Replace Hydrant Fuel System	13,400	13,400	C	42
Nevada				
Nellis Air Force Base				
Hydrant Fuel System	12,800	12,800	C	45
Pennsylvania				
Defense Distribution Depot Susquehanna, New Cumberland				
Replace General Purpose Warehouse	27,700	27,000	C	48
Texas				
Laughlin Air Force Base				
Replace Truck Fuel Loading Facility	4,688	4,688	C	51
Virginia				
Langley Air Force Base				
Replace Hydrant Fuel System	13,000	13,000	C	54
Washington				
McChord Air Force Base				
Bulk Fuel Storage Tanks	8,100	8,100	C	57

Total	**119,688**	**118,388**

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03
3. INSTALLATION AND LOCATION	**4. COMMAND**	**5. AREA CONSTRUCTION COST INDEX**
EIELSON AIR FORCE BASE, ALASKA	DEFENSE LOGISTICS AGENCY	2.02

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	8,800
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	17,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	1,600
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	27,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0402	Replace Hydrant Fuel System	17,000	02/02	07/03

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
126	Fuel Railcar Unload Shelter (FY 08)	1,600

10. MISSION OR MAJOR FUNCTION:

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

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $2.3 million

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
EIELSON AIR FORCE BASE, ALASKA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0402	17,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	12,170
HYDRANT OUTLETS AND FUEL PIPING (16 OUTLETS)	LS	-	-	(5,475)
OPERATING FUEL TANKS (3,180 kL / 20,000 BARRELS)	LS	-	-	(2,600)
PUMPHOUSE	LS	-	-	(3,000)
TRUCK FILLSTAND/HYDRANT TRUCK CHECKOUT (2 STOPS)	LS	-	-	(435)
PANTOGRAPHS AND STORAGE SHELTER	LS	-	-	(660)
SUPPORTING FACILITIES	-	-	-	3,040
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(410)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(1,350)
DEMOLITION	LS	-	-	(685)
GENERATOR AND ENCLOSURE	LS	-	-	(325)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(270)
SUBTOTAL	-	-	-	15,210
CONTINGENCY (5%)	-	-	-	761
ESTIMATED CONTRACT COST	-	-	-	15,971
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	1,038
TOTAL REQUEST	-	-	-	17,009
TOTAL REQUEST (ROUNDED)	-	-	-	17,000

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse and hydrant fuel system with 16 fuel outlets, two 1,590 kiloliter (kL) (10,000-barrel) fuel tanks, truck fillstand, hydrant hose truck checkout station, pantographs, and pantograph storage shelter. Work includes cathodic protection systems, fire hydrants, fire detection, utility and sewer connections, and artic emergency generator. Relocate supply and return fuel lines underground. Provide perimeter fencing, area lighting, and access roads. Demolish three existing pumphouses and associated underground storage tanks and hydrant outlets. Provide operations and maintenance support information.

11. REQUIREMENT: 41 Outlets (OL) ADEQUATE: 25 OL SUBSTANDARD: 9 OL

PROJECT: Replace three failing, obsolete hydrant fuel systems with a modern pressurized hydrant fuel system. (C)

REQUIREMENT: There is a need to construct a functioning hydrant fuel system for wide-bodied aircraft providing air bridge support of strategic en route mobility requirements and operations plans in the Pacific. This system will replace three failed and obsolete systems built in the 1950s. The Pacific Air Forces and Air Mobility Command have identified a need for 41 hydrant fueling outlets at Eielson AFB to support operations and contingency plans. Recent projects constructed hydrant systems with 25 outlets. This project satisfies the remaining requirement. A companion Air Force MILCON project to expand the aircraft parking ramp for strategic mobility aircraft is being programmed in the Air Force's FY 04 program.

CURRENT SITUATION: The existing hydrant systems have deteriorated beyond repair due to corrosion and mechanical and electrical failures in this harsh artic environment. Based on obsolete technology, these 50-year-old systems are a hazard to operate due to system failures that call into question the integrity of required explosion-proof electrical systems and other safety devices. Use of refueler trucks as an alternative is not practicable due to the severe winter conditions, which cause these trucks to freeze up and become inoperable after just three hours of use. In addition, this slow, manpower-intensive operation reduces the base's ability to meet its demanding refueling requirements and aircraft turnaround times.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0402	17,000

IMPACT IF NOT PROVIDED: If this project is not provided, air base operations will continue to be hampered by delays in refueling wide-bodied aircraft. Reliance on refueler trucks will increase sortie turnaround times, exhaust equipment and manpower, and create logistical bottlenecks during contingency operations.

ADDITIONAL: An analysis of the status quo versus 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……..02/02
      (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
      (c) Percent Completed as of January 2003..…..……..……..…35
      (d) Date 35 Percent Completed…….07/02
      (e) Date Design Complete……..……...07/03
      (f) Type of Design Contract.....……Design/Bid/Build

   2. Basis:
      (a) Standard or Definitive Design:……..……YES
      (b) Date Design was Most Recently Used:……07/02

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

      (a) Production of Plans and Specifications……..……..720
      (b) All Other Design Costs…….……..…..480
      (c) Total…….……..1,200
      (d) Contract……..……..360
      (e) In-House……840

   4. Contract Award.....…….....……01/04
   5. Construction Start…….……02/04
   6. Construction Completion.....…….……02/06

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
EGLIN AIR FORCE BASE, AUXILIARY FIELD 3 (DUKE), FLORIDA	DEFENSE LOGISTICS AGENCY	0.82

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,800
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	4,800

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
124	DESC0406	Replace Jet Fuel Storage Complex	4,800	03/02	10/03

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 Duke Field, Eglin Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $1.8 million

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
EGLIN AIR FORCE BASE, AUXILIARY FIELD 3 (DUKE), FLORIDA	REPLACE JET FUEL STORAGE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	124	DESC0406	4,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	2,559
OPERATING FUEL TANKS (794 kL / 5000 BARRELS)	LS	-	-	(1,154)
TRUCK FILLSTAND/UNLOAD STATION (2 STOPS EACH)	LS	-	-	(400)
PUMP STATION	LS	-	-	(490)
OPERATIONS BUILDING (186 M^2 / 2000 SF)	LS	-	-	(445)
REFUELER PARKING (6 POSITIONS)	LS	-	-	(70)
SUPPORTING FACILITIES	-	-	-	1,745
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(1,015)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(345)
DEMOLITION	LS	-	-	(95)
GENERATOR AND ENCLOSURE	LS	-	-	(55)
FIRE PROTECTION WATER TANK AND PUMPHOUSE	LS	-	-	(235)
SUBTOTAL	-	-	-	4,304
CONTINGENCY (5%)	-	-	-	215
	-	-	-	4,519
ESTIMATED CONTRACT COST	-	-	-	271
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	4,790
TOTAL REQUEST	-	-	-	4,800
TOTAL REQUEST (ROUNDED)				

10. Description of Proposed Construction: Provide two 397-kiloliter (kL) (2,500-barrel) aboveground, steel, fuel storage tanks with impervious containment dikes and basins, overfill protection devices, water drawoff system, internal floating pans, automatic tank gauging, and other standard tank appurtenances. Construct a 38 liter-per-second (600 gallon-per minute) pump station, truck fuel fillstands, commercial fuel truck unloading stations, refueler truck parking area, and fuels operations building. Work includes cathodic protection, fire hydrants, fire detection, utility and sewer connections, perimeter fencing, area lighting, access roads, and generator. Provide a 454-kL (120,000-gallon) steel water tank and pump for fire-fighting purposes. Demolish the existing fuel complex consisting of two 60,000-gallon aboveground tanks and associated pumps, piping, equipment, and shelters.

11. REQUIREMENT: 794 kL ADEQUATE: 0 kL SUBSTANDARD: 454 kL

PROJECT: Replace a jet fuel storage complex. (C)

REQUIREMENT: There is a need to replace Duke Field's jet fuel storage complex, used by units of both active duty and Air Force Reserve Command Special Operations Forces. This 60-year-old facility poses an environmental hazard and is not in compliance with Florida environmental regulations. The age, condition of existing facilities, and congested site location make restoration and modernization of the existing fuel facilities impractical. This project is categorized as a Class 1 (fix non-compliance) environmental project.

CURRENT SITUATION: The existing fuel storage and handling facilities are inadequate and have been cited several times by the Florida Department of Environmental Management because the storage tanks lack leak detection systems and dike membrane containment liners; moreover, the fuel truck loading, unloading, and parking areas lack secondary containment. This fuel complex is located in the middle of the base's administrative area. Because of safety concerns at this congested location, roads in the vicinity of the complex must be closed during fuel delivery and refueler truck loading operations. Obsolete equipment extends the time needed to resupply the storage tanks and hampers fuel transfer rates to refueler trucks, which adversely affects operations and training. Due to past tank spills, the site is currently undergoing soil and groundwater remediation as part of an Installation Restoration Program (IRP) project.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location:	4. Project Title
EGLIN AIR FORCE BASE, AUXILIARY FIELD 3 (DUKE), FLORIDA	REPLACE JET FUEL STORAGE COMPLEX

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	124	DESC0406	4,800

IMPACT IF NOT PROVIDED: If this project is not provided, the existing deteriorating fuel facility will continue to pose an environmental risk with the potential for tank closure by regulators for failure to comply with environmental standards. Since these tanks provide the only fuel storage at Duke Field, closure would result in severe mission impact for assigned units.

ADDITIONAL: An analysis of restoring the existing facilities versus the proposed new construction concluded that construction at a new site was the only feasible alternative to accomplish the fueling 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……..03/02
      (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
      (c) Percent Completed as of January 2003..…..……..…..…..…35
      (d) Date 35 Percent Completed…….07/02
      (e) Date Design Complete……..……...10/03
      (f) Type of Design Contract.....…….Design/Bid/Build

   2. Basis:
      (a) Standard or Definitive Design:……..……YES
      (b) Date Design was Most Recently Used:……07/02

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

      (a) Production of Plans and Specifications……..……..175
      (b) All Other Design Costs…….……..…..115
      (c) Total…….…….290
      (d) Contract……..…….230
      (e) In-House……..60

   4. Contract Award.....…….....……02/04
   5. Construction Start…….……03/04
   6. Construction Completion.....…….……09/05

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
EGLIN AIR FORCE BASE, AUXILIARY FIELD 9 (HURLBURT), FLORIDA	DEFENSE LOGISTICS AGENCY	0.82

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

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

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
151	DESC0305	Replace Fuel Pier	4,100	12/00	10/03

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 Hurlburt Field, Eglin Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $252,000.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
EGLIN AIR FORCE BASE, AUXILIARY FIELD 9 (HURLBURT), FLORIDA	REPLACE FUEL PIER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	151	DESC0305	Auth 4,100 Appr 3,500 Auth for Appr 3,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	2,370
FUEL PANTOGRAPH SYSTEM	LS	-	-	(125)
FUEL TRANFER PIPELINE	LS	-	-	(2,225)
PERSONNEL AND STORAGE SHELTER (15M^2 / 155 SF)	LS	-	-	(20)
SUPPORTING FACILITIES	-	-	-	1,290
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(685)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(40)
DEMOLITION	LS	-	-	(265)
DREDGING	LS	-	-	(300)
SUBTOTAL	-	-	-	3,660
CONTINGENCY (5%)	-	-	-	183
	-	-	-	3,843
ESTIMATED CONTRACT COST	-	-	-	231
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)				
	-	-	-	4,074
SUBTOTAL	-	-	-	-600
FUNDS PROVIDED FROM FY2002 MCON SAVINGS				3,474
TOTAL REQUEST				3,500
TOTAL REQUEST (ROUNDED)				

10. Description of Proposed Construction: Restore a concrete fueling wharf and provide a 200 millimeter (8 inch) fuel pantograph to unload jet fuel from barges. Replace an existing 1,280-meter (4,200-feet) fuel pipeline from wharf to bulk storage with a double-walled carbon-steel carrier/fiberglass-reinforced-plastic containment pipeline with leak detection. Construct a small personnel and storage shelter adjacent to the wharf. Dredge waterway approaches to an average depth of 4.3 meters (14 feet) to accommodate barge berthing and maneuvering. Work includes cathodic protection systems, fire protection, utility and sewer connections, area lighting, pavement repairs, and mooring dolphins. Demolish the existing wooden fuel pier, dolphins, and pipeline.

11. REQUIREMENT: 1,280 meters (M) ADEQUATE: 0 M SUBSTANDARD: 1,280 M

PROJECT: Restore a barge wharf for fuel unloading and replace a deteriorated fuel pipeline. (C)

REQUIREMENT: There is a need to replace a rotting wooden fuel pier, built in 1953, that poses a significant environmental contamination hazard and potential for collapse in a significant storm event (e.g., hurricane). This project restores the concrete wharf at the base of the pier to allow barges to unload fuel by means of a standard marine fuel pantograph directly into a new double-walled pipeline. All required spill containment and leak detection systems will be provided as required by Federal and state environmental regulations. This unloading facility is the primary means of providing fuel to Hurlburt Field in support of operations of the Air Force Special Operations Command, 16th Special Operations Wing, and other tenant organizations.

CURRENT SITUATION: The existing wooden pier and fuel pipeline are 50 years old and in poor condition. The wooden piles have been attacked by marine borers and deteriorated by wave action. The pier and dolphins have been hit on numerous occasions by barges. These conditions are a cause of concern since the fuel pipe, running along the pier deck, is not properly attached to the pier, nor does it have adequate spill containment. Fuel is transferred from barges by a heavy hose manually handled by work crews. This method of transferring fuel poses a potential safety and environmental hazard. The existing pipeline cannot reliably pass hydrostatic pressure testing, creating an environmental concern about its future long-term usage.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location:	4. Project Title
EGLIN AIR FORCE BASE, AUXILIARY FIELD 9 (HURLBURT), FLORIDA	REPLACE FUEL PIER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	151	DESC0305	Auth 4,100 Appr 3,500 Auth for Appr 3,500

IMPACT IF NOT PROVIDED: If this project is not provided, the installation faces a significant risk of losing its primary means of receiving fuel on base. The unloading of fuel from a dilapidated 50-year-old marine fuel terminal increases the risk of a potential catastrophic pier collapse and resultant fuel spill into a pristine Gulf Coast waterway. The alternate means of fuel receipt by commercial truck deliveries is considerably more costly, manpower intensive, and less efficient.

ADDITIONAL: An analysis of commercial truck fuel delivery versus the proposed construction concluded that barge delivery, using a restored wharf and new pipeline, was significantly more cost effective than the use of trucks to accomplish the fueling 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……..12/00
   (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
   (c) Percent Completed as of January 2003..…..……..……...…35
   (d) Date 35 Percent Completed…….07/01
   (e) Date Design Complete……..……...10/03
   (f) Type of Design Contract.....…….Design/Bid/Build

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

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

   (a) Production of Plans and Specifications……..……..150
   (b) All Other Design Costs…….……..…..100
   (c) Total…….…….250
   (d) Contract……..……..200
   (e) In-House……..50

4. Contract Award.....…….....……02/04
5. Construction Start…….……03/04
6. Construction Completion.....…….…….03/05

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
HICKAM AIR FORCE BASE, HAWAII	DEFENSE LOGISTICS AGENCY	1.55

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	29,200
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	14,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	43,300

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0401	Replace Hydrant Fuel System	14,100	03/02	06/03

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 Hickam Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $2.6 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

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)
702976S	121	DESC0401	14,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	8,360
HYDRANT OUTLETS AND FUEL PIPING (12 OUTLETS)	LS	-	-	(4,610)
PUMPHOUSE	LS	-	-	(3,400)
MODIFY EXISTING FUEL STORAGE TANKS	LS	-	-	(350)
SUPPORTING FACILITIES	-	-	-	4,265
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(1,650)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(620)
DEMOLITION	LS	-	-	(1,420)
GENERATOR AND ENCLOSURE	LS	-	-	(350)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(225)
SUBTOTAL	-	-	-	12,625
CONTINGENCY (5%)	-	-	-	631
ESTIMATED CONTRACT COST	-	-	-	13,256
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	862
TOTAL REQUEST	-	-	-	14,118
TOTAL REQUEST (ROUNDED)	-	-	-	14,100

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse and hydrant fuel system with 12 fuel outlets. Connect new piping system to two existing 8,745 kiloliter (kL) (55,000-barrel) operating tanks. Provide new fill and withdrawal piping to these tanks from the pumphouse. Work includes cathodic protection systems, fire hydrants, fire detection, utility and sewer connections, and emergency generator. Provide perimeter fencing, area lighting, and access gates. Demolish the existing pump station, control room, generator building, and associated underground fuel piping and outlets. Provide operations and maintenance support information.

11. REQUIREMENT: 44 Outlets (OL) ADEQUATE: 32 OL SUBSTANDARD: 18 OL

PROJECT: Replace a deteriorated, obsolete hydrant fuel system. (C)

REQUIREMENT: There is a need to provide a functioning hydrant fuel system for C-5 wide-bodied aircraft supporting strategic en route mobility requirements and operations plans in the Pacific. This system will replace a 27-year-old hydrant system that is failing and cannot support peacetime missions or en route mobility requirements in contingency or wartime operations. This project provides the second of two hydrant fuel systems needed to meet a total requirement of 44 hydrant outlets at this location. The first system of 32 outlets was approved in the DLA FY 2002 program and is currently under construction. A companion Air Force MILCON project to expand the strategic airlift aircraft ramp is being programmed in the Air Force's FY 04 program.

CURRENT SITUATION: The existing hydrant system is failing due to excessive stresses in the pipe due to faulty design, deteriorated piping, and deficient pipe welds. These conditions have resulted in several serious fuel leaks in which pipe welds cracked under the excessive pressures in the pipeline. Furthermore, the spacing of the existing fuel outlets, which were designed for C-141 aircraft, is too close for parking and refueling C-5s. Many of the existing system controls have failed due to exposure to the corrosive weather of the tropics. Alarm systems are outdated and also prone to failure. Because of the way this system is designed, when these alarms fail, the entire fuel system on base shuts down, causing operational impacts.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

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)
702976S	121	DESC0401	14,100

IMPACT IF NOT PROVIDED: If this project is not provided, a complete failure of the existing systems is likely as piping and components continue to deteriorate due to excessive pressures. The continued use of this faulty 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 pipe ruptures 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……..03/02
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
   - (c) Percent Completed as of January 2003..…..……..…..……..…35
   - (d) Date 35 Percent Completed…….07/02
   - (e) Date Design Complete……..……...06/03
   - (f) Type of Design Contract.....…….Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……YES
   - (b) Date Design was Most Recently Used:……07/02

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

   - (a) Production of Plans and Specifications……..……..720
   - (b) All Other Design Costs…….……..…..480
   - (c) Total…….……..1,200
   - (d) Contract……..…….960
   - (e) In-House……240

4. Contract Award.....…….....……01/04
5. Construction Start…….……02/04
6. Construction Completion.....…….……02/06

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
OFFUTT AIR FORCE BASE, NEBRASKA	DEFENSE LOGISTICS AGENCY	1.00

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	13,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	13,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0452	Replace Hydrant Fuel System	13,400	03/02	10/03

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 Offutt Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $3.4 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
OFFUTT AIR FORCE BASE, NEBRASKA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0452	13,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	9,010
HYDRANT OUTLETS AND FUEL PIPING (18 OUTLETS)	LS	-	-	(5,075)
OPERATING FUEL TANKS (3,180 kL / 20,000 BARRELS)	LS	-	-	(1,850)
PUMPHOUSE	LS	-	-	(1,870)
TRUCK FILLSTAND/HYDRANT TRUCK CHECKOUT (2 STOPS)	LS	-	-	(215)
SUPPORTING FACILITIES	-	-	-	3,010
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(1,000)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(1,450)
DEMOLITION	LS	-	-	(235)
GENERATOR AND ENCLOSURE	LS	-	-	(125)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(200)
SUBTOTAL	-	-	-	12,020
CONTINGENCY (5%)	-	-	-	601
	-	-	-	12,621
ESTIMATED CONTRACT COST	-	-	-	757
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	13,378
TOTAL REQUEST	-	-	-	13,400
TOTAL REQUEST (ROUNDED)				

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse, hydrant fuel system with 18 fuel outlets, two 1,590 kiloliter (kL) (10,000-barrel) fuel tanks, truck fillstand, hydrant hose truck checkout station, and refueling-vehicle parking. Work includes cathodic protection systems, fire hydrants, fire detection, utility and sewer connections, and emergency generator. Provide perimeter fencing, area lighting, access roads, and piping connection to existing secondary pumphouse. Demolish two existing pumphouses and associated underground storage tanks and hydrant outlets. Provide operations and maintenance support information.

11. REQUIREMENT: 18 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 45 OL

PROJECT: Replace two failing, obsolete hydrant fuel systems with a modern pressurized hydrant fuel system. (C)

REQUIREMENT: There is a need to construct a functioning hydrant fuel system for wide-bodied aircraft supporting missions of the National Command Authority (NCA), Joint Chiefs of Staff, U.S. Strategic Command, and Federal Emergency Management Agency (FEMA). This system will replace two failing systems built in the 1950s that use salvaged parts from other abandoned hydrant systems since replacement parts are no longer manufactured. This hydrant system will support E-4B aircraft, serving as National Airborne Operations Centers for NCA and FEMA, E-6B aircraft for the US Strategic Command's Airborne Command Post, and other RC-135 reconnaissance and intelligence aircraft.

CURRENT SITUATION: The existing hydrant systems have deteriorated beyond repair due to corrosion, water infiltration, electrical short-circuiting, and system control breakdowns. One of the existing 12 underground fuel storage tanks has failed and is now out of service. Both systems have experienced numerous electrical problems resulting, on occasion, with these systems being out of service for periods in excess of six months because repair parts were not available.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0452	13,400

IMPACT IF NOT PROVIDED: If this project is not provided, a complete failure of the existing systems is likely as components continue to deteriorate. Failure of these systems would have an immediate and significant adverse impact on the critical national security missions this base supports. The potential for environmental contamination from deteriorating underground fuel systems will increase.

ADDITIONAL: An analysis of the status quo versus replacement construction concluded that replacement of the existing system is the only feasible alternative to accomplish the refueling mission and eliminate potential environmental contamination. 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……..03/02
      (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
      (c) Percent Completed as of January 2003..…..……..…..…..…35
      (d) Date 35 Percent Completed…….08/02
      (e) Date Design Complete……..……...10/03
      (f) Type of Design Contract.....…….Design/Bid/Build

   2. Basis:
      (a) Standard or Definitive Design:……..……YES
      (b) Date Design was Most Recently Used:……07/02

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

      (a) Production of Plans and Specifications……..……..520
      (b) All Other Design Costs…….……..…..340
      (c) Total…….…….860
      (d) Contract……..…..……..0
      (e) In-House……860

   4. Contract Award.....…….....……02/04
   5. Construction Start…….……03/04
   6. Construction Completion.....…….……11/05

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NELLIS AIR FORCE BASE, NEVADA	DEFENSE LOGISTICS AGENCY	1.25

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	12,800
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	6,300
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	19,100

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0413	Hydrant Fuel System	12,800	02/02	10/03

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
124	Operating Fuel Tank (FY 08)	6,300

10. MISSION OR MAJOR FUNCTION:

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

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $7.0 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
NELLIS AIR FORCE BASE, NEVADA	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0413	12,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	8,030
HYDRANT OUTLETS AND FUEL PIPING (9 OUTLETS)	LS	-	-	(1,785)
OPERATING FUEL TANKS (3,180 kL / 20,000 BARRELS)	LS	-	-	(2,370)
PUMPHOUSE	LS	-	-	(2,200)
TRUCK FILLSTAND/HYDRANT TRUCK CHECKOUT (6 STOPS)	LS	-	-	(1,675)
SUPPORTING FACILITIES	-	-	-	3,450
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(2,000)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(800)
DEMOLITION	LS	-	-	(300)
GENERATOR AND ENCLOSURE	LS	-	-	(150)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(200)
SUBTOTAL	-	-	-	11,480
CONTINGENCY (5%)	-	-	-	574
	-	-	-	12,054
ESTIMATED CONTRACT COST	-	-	-	723
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)				
	-	-	-	12,777
TOTAL REQUEST	-	-	-	12,800
TOTAL REQUEST (ROUNDED)				

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse, hydrant fuel system with 9 fuel outlets, two 1,590 kiloliter (kL) (10,000-barrel) fuel tanks, truck fillstand, hydrant hose truck checkout station, and fuel transfer pipeline. Work includes cathodic protection systems, fire hydrants, fire detection, utility and sewer connections, and emergency generator. Provide perimeter fencing, area lighting, and access roads. Provide operations and maintenance support information.

11. REQUIREMENT: 9 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 0 OL

PROJECT: Construct a modern pressurized hydrant fuel system. (C)

REQUIREMENT: There is a need to construct a hydrant fuel system for wide-bodied aircraft to support a variety of important training missions and exercises at this premier training base. Nellis AFB is the largest multi-national live weapons training base in the world, used by all four services and NATO forces. Wide-bodied aircraft participation in joint exercises has increased by more than 300 percent since FY 93. Refueling these aircraft using multiple refueler trucks is overtaxing manpower, equipment, and base infrastructure, which was built to support fighter aircraft. Inability to quickly refuel large-frame aircraft decreases sortie rates and delays training.

CURRENT SITUATION: Refueling large-frame aircraft currently requires three to four refueler trucks per aircraft. Continued growth in the number of large aircraft participating in exercises at the base cannot be supported by the existing fuel infrastructure and decreasing manpower levels.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location:	4. Project Title
NELLIS AIR FORCE BASE, NEVADA	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	121	DESC0413	12,800

IMPACT IF NOT PROVIDED: If this project is not provided, the continued refueling of large aircraft by trucks will jeopardize Nellis AFB's ability to meet aircraft-sortie turn around times during numerous annual exercises. This condition will adversely risk both training effectiveness and the ability of the Air Force, Army, Navy, Marine, and NATO forces to maintain mission readiness. The safety of personnel operating and maintaining overburdened equipment during high-demand exercises will be imperiled.

ADDITIONAL: An economic analysis of the status quo versus building a hydrant fuel system favored new construction based on a benefit analysis of timeliness, efficiency, safety, and environmental considerations of a hydrant fuel system 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……..02/02
      (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
      (c) Percent Completed as of January 2003..…….…….…35
      (d) Date 35 Percent Completed…….07/02
      (e) Date Design Complete……..……...10/03
      (f) Type of Design Contract.....…….Design/Bid/Build

   2. Basis:
      (a) Standard or Definitive Design:……..……YES
      (b) Date Design was Most Recently Used:……07/02

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

      (a) Production of Plans and Specifications……..……..480
      (b) All Other Design Costs…….……...…...320
      (c) Total…….…….800
      (d) Contract……..……..640
      (e) In-House……160

   4. Contract Award.....…….....……02/04
   5. Construction Start…….……03/04
   6. Construction Completion.....…….…….09/05

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DDSP, NEW CUMBERLAND, PENNSYLVANIA	DEFENSE LOGISTICS AGENCY	0.93

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.As of Sept 02	14	11	1,703	0	0	0	246		1,031	3,005
B.End of FY 08	12	10	1,650	0	0	0	200		1,000	2,872

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	848 ACRES
B. INVENTORY TOTAL AS OF SEP 02	3,742,811
C. AUTHORIZATION NOT YET IN INVENTORY	42,600
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	27,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	23,100
F. PLANNED IN NEXT THREE YEARS	35,300
G. REMAINING DEFICIENCY	45,300
H. GRAND TOTAL	3,916,811

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
441	DDSP0401	Replace General Purpose Warehouse	27,700	09/01	09/03

9. FUTURE PROJECTS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
219	Consolidated Maintenance Facility (FY 05)	18,100
724	Replace Billeting Facility (FY 05)	5,000
740	Physical Fitness Center (FY 07)	5,300
441	Bulk Warehouse (FY 08)	27,000
841	Elevated Water Storage Tank (FY 08)	3,000

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.

Deferred sustainment, restoration, and modernization at this installation is $71.5 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	411	DDSP0401	Auth 27,700 Appr 27,000 Auth for Appr 27,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	19,657
GENERAL PURPOSE WAREHOUSE...(420,000 SF)	m^2	38,995	480	(19195)
ADMIN ANNEX…(3,150 SF)	LS	-	-	(308)
UTILITY ANNEX (3,000 SF)	LS	-	-	(154)
SUPPORTING FACILITIES	-	-	-	5,184
SITE UTILITIES/IMPROVEMENTS	LS	-	-	(1,872)
DEMOLITION	LS	-	-	(3,312)
SUBTOTAL	-	-	-	24,841
CONTINGENCY (5%)	-	-	-	1,242
	-	-	-	26,083
ESTIMATED CONTRACT COST	-	-	-	1,526
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	27,648
SUBTOTAL	-	-	-	-700
FUNDS PROVIDED FROM FY2002 MCON SAVINGS	-	-	-	26,948
TOTAL REQUEST				27,000
TOTAL REQUEST (ROUNDED)				(1,823)
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)				

10. Description of Proposed Construction: Construct a permanent, non-combustible general purpose warehouse with concrete floors at dock height level and 6.1 meter (20 feet) clear stacking height. Provide weather-sealed truck doors, loading docks with dock levelers, paved roadways, and connections to all utilities. Provide special storage space for low-level-radioactive, classified, and pilferable items and a 21 m^2 (225 SF) radioactive test lab. Connect facility to steam heat system from the central heat plant. Provide an administrative annex with restrooms, locker rooms, and lunch room and a building utility annex. Demolish three World War I-era warehouses, totaling 56,188 m^2 (604,800 SF). Access for the handicapped will be provided in the administrative area.

11. REQUIREMENT: 370,427 m^2 ADEQUATE: 269,906 m^2 SUBSTANDARD: 126,760 m^2

PROJECT: Replace three WW I-era warehouses with a general purpose warehouse for bulk items in support of the storage mission at DDSP. (C)

REQUIREMENT: There is a need to provide modern bulk storage space in direct support of the depot's automated distribution facility. In accordance with the DDSP Master Plan, the depot plans to construct replacement facilities for six deteriorated WW I-era wooden warehouses. Two of these warehouses will be demolished under previously approved MILCON projects. The proposed facility will replace three of these warehouses, totaling 56,188 m^2 (604,800 SF). Demolition of the remaining warehouse will be part of a future MILCON project. This project supports an approved plan to reduce and recapitalize facilities infrastructure and to centralize distribution operations.

CURRENT SITUATION: DDSP currently has wooden warehouses, constructed in 1918, providing bulk storage space at the depot. With maximum stacking heights of 3.6 meters (12 feet) and wood support columns spaced at 6.1-meter (20-foot) intervals, these warehouses cannot support efficient storage layouts and are costly to maintain. 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.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	411	DDSP0401	Auth 27,700 Appr 27,000 Auth for Appr 27,000

IMPACT IF NOT PROVIDED: If this project is not provided, DDSP will have to continue using and maintaining inefficient and deteriorated WW I-era warehouses. 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, further consolidate distribution operations, and recapitalize aging infrastructure.

ADDITIONAL: The proposed new construction is the only feasible 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……..09/01
      (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
      (c) Percent Completed as of January 2003..…..……..……35
      (d) Date 35 Percent Completed……06/02
      (e) Date Design Complete……..……...09/03
      (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……..……..900
      (b) All Other Design Costs……..……..…..600
      (c) Total……..……..1,500
      (d) Contract……..……1,200
      (e) In-House……300

   4. Contract Award.....…….....……01/04
   5. Construction Start…….……02/04
   6. Construction Completion.....…….……02/06

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Pallet and Cantilever Racks	DWCF	2005	1,823

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

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
LAUGHLIN AIR FORCE BASE, TEXAS	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.										

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,688
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	4,688

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
126	DESC0407	Replace Truck Fuel Loading Facility	4,688	04/02	10/03

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 Laughlin Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $108,000.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
LAUGHLIN AIR FORCE BASE, TEXAS	REPLACE TRUCK FUEL LOADING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	126	DESC0407	4,688

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	3,022
TRUCK FILLSTAND (4 STOPS)	LS	-	-	(365)
PUMP STATION	LS	-	-	(430)
FUEL DISTRIBUTION PIPING	LS	-	-	(2,227)
SUPPORTING FACILITIES	-	-	-	1,190
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(800)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(105)
DEMOLITION	LS	-	-	(285)
SUBTOTAL	-	-	-	4,212
CONTINGENCY (5%)	-	-	-	211
ESTIMATED CONTRACT COST	-	-	-	4,423
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	265
TOTAL REQUEST	-	-	-	4,688

10. Description of Proposed Construction: Provide one 152 liter-per-minute (2400 gallon-per-minute) pump station, truck fuel loading fillstands, and fuel piping to fuel storage tanks. Work includes cathodic protection systems, fire protection, utility and sewer connections, area lighting, generator, refueler truck parking, and access pavements. Demolish an inoperable six-position truck fillstand, associated pumphouse, piping, and equipment.

11. REQUIREMENT: 4 Fillstands ADEQUATE: 0 SUBSTANDARD: 6 Fillstands

PROJECT: Replace an inoperable truck fuel loading facility. (C)

REQUIREMENT: There is a need to replace a six-position truck fillstand shut down in 1996 due to system leaks and environmental concerns. The current use of an expedient truck fillstand connection at the commercial truck fuel unloading station is causing delays in refueling aircraft and long waiting times to unload fuel to storage tanks or to load refueler trucks. Limited maneuver space at the unloading area creates safety hazards and violates current vehicle separation criteria for safe operations. A four-position truck fillstand, close to the flightline, is needed to support the refueling of aircraft flying more than 350 sorties per day at this premier Air Force pilot training facility.

CURRENT SITUATION: Laughlin AFB lacks permanent facilities to load fuel onboard R-11 refueler trucks supporting the base's aircraft flying mission. In 1996, numerous environmental issues forced the deactivation of the fillstand area. As an interim solution, mobile hose carts were connected to the unloading facility at the bulk fuel storage tank area to provide fuel to these trucks. This area is too congested for simultaneously receiving commercial fuel and refueling R-11s on their way to the flightline. Lack of truck maneuver space increases the risk of a potentially dangerous accident between fuel-laden trucks. In addition, this fuel point is on the base's busiest avenue leading to the main gate. Refueler trucks must continually cross this street to reach aircraft parking aprons, one-half mile away. This hazard further exacerbates the safety risk.

IMPACT IF NOT PROVIDED: If this project is not provided, Laughlin AFB faces a significant safety risk due to the traffic congestion at the refueling area. Operational tempo could be affected by the delays in refueling aircraft, causing problems with the scheduling of training and the number of daily aircraft sorties.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location:	4. Project Title
LAUGHLIN AIR FORCE BASE, TEXAS	REPLACE TRUCK FUEL LOADING FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	126	DESC0407	4,688

ADDITIONAL: The status quo poses an unacceptable safety hazard. Consequently, the proposed new construction is the only feasible 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……..04/02
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
(c) Percent Completed as of January 2003..…….…..……..…35
(d) Date 35 Percent Completed……08/02
(e) Date Design Complete……..……...10/03
(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……..……..170
(b) All Other Design Costs……..……...…...115
(c) Total…….…….285
(d) Contract……..……..230
(e) In-House……..55

4. Contract Award.....…….....……02/04
5. Construction Start…….……03/04
6. Construction Completion.....…….……09/05

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
LANGLEY AIR FORCE BASE, VIRGINIA	DEFENSE LOGISTICS AGENCY	0.94

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

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

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0410	Replace Hydrant Fuel System	13,000	02/02	10/03

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 Langley Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $397,000.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
LANGLEY AIR FORCE BASE, VIRGINIA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0410	13,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	8,015
HYDRANT OUTLETS AND FUEL PIPING (10 OUTLETS)	LS	-	-	(3,740)
MODIFY EXISTING FUEL TANKS (3,975kL / 25,000 BARRELS)	LS	-	-	(1,190)
PUMPHOUSE	LS	-	-	(2,500)
PANTOGRAPHS AND STORAGE SHELTER	LS	-	-	(585)
SUPPORTING FACILITIES	-	-	-	3,680
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(2,070)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(780)
DEMOLITION	LS	-	-	(510)
GENERATOR AND ENCLOSURE	LS	-	-	(120)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(200)
SUBTOTAL	-	-	-	11,695
CONTINGENCY (5%)	-	-	-	585
	-	-	-	12,280
ESTIMATED CONTRACT COST	-	-	-	737
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	13,017
TOTAL REQUEST	-	-	-	13,000
TOTAL REQUEST (ROUNDED)				

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse and hydrant fuel system with 10 fuel outlets. Convert one 1,590 kiloliter (kL) (10,000-barrel) and one 2,385 kL (15,000-barrel) bulk fuel tank to operating tanks. Connect existing truck fillstand to new hydrant piping. Work includes cathodic protection systems, fire hydrants, fire detection, utility and sewer connections, pantographs and shelter. Provide perimeter fencing, area lighting, access roads, and generator. Demolish two existing pumphouses and associated underground storage tanks, hydrant outlets, and product recovery tank. Provide operations and maintenance support information.

11. REQUIREMENT: 10 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 26 OL

PROJECT: Replace a failed hydrant fuel system with a modern pressurized hydrant fuel system. (C)

REQUIREMENT: There is a need to replace an existing obsolete and failed hydrant fuel system of 26 outlets with a modern pressurized hydrant system. The new system will allow fast and efficient refueling of wide-bodied aircraft and provide hot-pit refueling of fighter aircraft assigned to Langley AFB, which is the home of the 1st Fighter Wing and the east coast departure point for Air Expeditionary Forces and the Army's Transportation Command.

CURRENT SITUATION: The existing hydrant system, built in 1954, has been shut down due to corrosion, numerous electrical short circuits, and extensive damage to valves and controls by saltwater intrusion into valve pits. The operating storage tanks and piping have a history of leaking. Wide-bodied aircraft are presently refueled by refueler trucks. This slow, manpower-intensive operation reduces the base's capability to refuel aircraft in time to satisfy deployment schedules.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0410	13,000

IMPACT IF NOT PROVIDED: If this project is not provided, air base operations will continue to be hampered by delays in refueling wide-bodied aircraft. Reliance on refueler trucks will increase sortie turnaround times, exhaust equipment and manpower, and create logistical bottlenecks during deployments and contingency operations.

ADDITIONAL: An analysis of the status quo versus 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……..02/02
   - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
   - (c) Percent Completed as of January 2003..…..……..…..……..…35
   - (d) Date 35 Percent Completed……07/02
   - (e) Date Design Complete……..……...10/03
   - (f) Type of Design Contract.....…….Design/Bid/Build

2. Basis:
   - (a) Standard or Definitive Design:……..……YES
   - (b) Date Design was Most Recently Used:……07/02

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

   - (c) Production of Plans and Specifications……..……..480
   - (d) All Other Design Costs…….……..…..320
   - (e) Total…….…….800
   - (f) Contract……..…..…..640
   - (g) In-House……160

4. Contract Award.....…….....……02/04
5. Construction Start…….……03/04
6. Construction Completion.....…….……11/05

A. 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 2004 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 03

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MCCHORD AIR FORCE BASE, WASHINGTON	DEFENSE LOGISTICS AGENCY	1.06

6. PERSONNEL STRENGTH:

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

A. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZATION NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	8,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	8,100

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESC0411	Bulk Fuel Storage Tanks	8,100	04/02	10/03

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 McChord Air Force Base and other contingency operations.

Deferred sustainment, restoration, and modernization of fuel facilities at this location is $4.3 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location	4. Project Title
MCCHORD AIR FORCE BASE, WASHINGTON	BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0411	8,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	5,890
BULK FUEL STORAGE TANKS (25,438 kL / 160,000 BARRELS)	LS	-	-	(5,040)
PUMPHOUSE	LS	-	-	(850)
SUPPORTING FACILITIES	-	-	-	1,375
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(440)
MECHANICAL/ELECTRICAL UTILITIES	LS	-	-	(780)
DEMOLITION	LS	-	-	(55)
GENERATOR AND ENCLOSURE	LS	-	-	(100)
SUBTOTAL	-	-	-	7,265
CONTINGENCY (5%)	-	-	-	363
	-	-	-	7,628
ESTIMATED CONTRACT COST	-	-	-	458
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	8,086
TOTAL REQUEST	-	-	-	8,100
TOTAL REQUEST (ROUNDED)				

10. Description of Proposed Construction: Provide two 12,719 kiloliter (kL) (80,000-barrel) aboveground, steel, fuel storage tanks with impervious containment dikes and basins, overfill protection devices, water drawoff system, internal floating pan, automatic tank gauging system, and other standard tank appurtenances. Construct a 38 liter-per-second (600 gallon-per-minute) transfer pumphouse with fuel filters connected to an existing pumphouse serving other bulk tanks. Work includes cathodic protection systems, fire hydrants, fire detection, utility and sewer connections, perimeter fencing, area lighting, access roads, and generator. Demolish an existing deteriorated 795 kL (5,000-barrel) fuel tank.

11. REQUIREMENT: 229,000 Barrels (BL) ADEQUATE: 69,000 BL SUBSTANDARD: 5,000 BL

PROJECT: Construct two aboveground bulk fuel storage tanks to meet McChord AFB's fuel storage requirements. (C)

REQUIREMENT: There is a need for greater fuel storage capacity at McChord AFB to support Fort Lewis's Strategic Brigade Airlift mission, the Air Mobility Command's strategic en route airlift requirements, and other operations plans. Without these additional storage tanks, the base fails to meet the fuel storage capacity required in the Joint Chiefs' Fuel Inventory Management Plan.

CURRENT SITUATION: McChord AFB has an insufficient amount of on-base fuel storage volume to store the mandated 15-days supply of fuel needed to meet its current missions. The base receives fuel via an underground pipeline that is too small to satisfy the resupply rate needed to match fuel demand during operations and contingencies. The lack of sufficient on-base storage volume also impedes the base's ability to settle fuel received by pipeline to meet Air Force fuel-quality standards before dispensing this fuel to aircraft.

IMPACT IF NOT PROVIDED: If this project is not provided, McChord AFB will be unable to meet its current wartime refueling commitments. In addition, the high demand for fuel from an undersized fuel resupply pipeline will have the potential of adversely impacting the quality of fuel issued to aircraft.

1. Component	FY 2004 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 03

3. Installation and Location:	4. Project Title
MCCHORD AIR FORCE BASE, WASHINGTON	BULK FUEL STORAGE TANKS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
71111S	411	DESC0411	8,100

ADDITIONAL: An analysis of the status quo versus new construction concluded that the construction of additional fuel storage tanks 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……..04/02
   (b) Parametric Cost Estimate Used to Develop Costs (Yes/No)...……NO
   (c) Percent Completed as of January 2003..…..……..……..…35
   (d) Date 35 Percent Completed…….07/02
   (e) Date Design Complete……..……...10/03
   (f) Type of Design Contract....…….Design/Bid/Build

2. Basis:
   (a) Standard or Definitive Design:……..……YES
   (b) Date Design was Most Recently Used:……07/02

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.....…….....…….02/04
5. Construction Start…….……03/04
6. Construction Completion.....…….…….05/05

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

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