DEFENSE LOGISTICS AGENCY
MILITARY CONSTRUCTION, DEFENSE-WIDE
FY 2005 BUDGET ESTIMATES
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
California				
Travis Air Force Base				
Replace Hydrant Fuel System	15,100	15,100	C	37
Hawaii				
Pearl Harbor				
Multi-Product Interface Tank	3,500	3,500	C	40
North Carolina				
Marine Corps Air Station Cherry Point				
Replace Hydrant Fuel System	22,700	22,700	C	43
Ohio				
Defense Supply Center Columbus				
Replace Physical Fitness Facility	5,500	5,500	C	46
Oklahoma				
Tinker Air Force Base				
Add/Alter Hydrant Fuel System	5,400	5,400	C	49
Pennsylvania				
Defense Distribution Depot Susquehanna, New Cumberland				
Consolidated Maintenance Facility	22,300	22,300	C	52
Texas				
Naval Air Station Kingsville				
Replace Jet Fuel Storage Tank	3,900	3,900	C	55
Virginia				
Defense Supply Center Richmond				
Conference Center	3,600	3,600	C	59
Security Enhancements	6,500	6,500	C	61
Naval Air Station Oceana				
Bulk Fuel Storage Tank	3,589	3,589	C	63

DEFENSE LOGISTICS AGENCY
MILITARY CONSTRUCTION, DEFENSE-WIDE
FY 2005 BUDGET ESTIMATES
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Japan				
Misawa Air Base				
Hydrant Fuel System	19,900	19,900	C	66
Portugal				
Lajes Field, Azores				
Replace Hydrant Fuel System	19,113	19,113	C	69
GRAND TOTAL	**131,102**	**131,102**		

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
TRAVIS AIR FORCE BASE, CALIFORNIA	DEFENSE LOGISTICS AGENCY	1.26

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USAF	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	16,000
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	15,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	5,000
G. REMAINING DEFICIENCY	5,260
H. GRAND TOTAL	41,360

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0507	Replace Hydrant Fuel System	15,100	03/03	09/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
125	Replace Bulk Fuel Transfer Pipeline (FY 2008)	5,000

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units and transient aircraft at Travis Air Force Base, California.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $766,000.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0507	15,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	10,500
HYDRANT OUTLETS AND FUEL PIPING (12 OUTLETS)	LS	-	-	(2,500)
OPERATING FUEL TANKS (3,180 kL/ 20,000 BARRELS)	LS	-	-	(5,500)
PUMP STATION AND SHELTER	LS	-	-	(2,500)
SUPPORTING FACILITIES	-	-	-	3,040
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(750)
MECHANICAL AND ELECTRICAL UTILITIES	LS	-	-	(700)
DEMOLITION	LS	-	-	(1,435)
GENERATOR AND ENCLOSURE	LS	-	-	(155)
SUBTOTAL	-	-	-	13,540
CONTINGENCY (5%)	-	-	-	677
ESTIMATED CONTRACT COST	-	-	-	14,217
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	853
TOTAL REQUEST	-	-	-	15,070
TOTAL REQUEST (ROUNDED)	-	-	-	15,100

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pump station and shelter, 12 hydrant fuel outlets, two 1,590-kiloliter (kL)(10,000-barrel) aboveground operating tanks, and fuel distribution system. Work includes cathodic protection system, leak detection, automatic tank gauging, fire detection, fire hydrants, utility and sewer connections, emergency generator, secondary containment systems, access pavements, and security lighting. Demolish existing pumphouse, three aboveground storage tanks, hydrant outlets, and related appurtenances.

11. REQUIREMENT: 33 Outlets (OL) ADEQUATE: 21 OL SUBSTANDARD: 10 OL

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

REQUIREMENT: There is a need to replace a failed hydrant fuel system with a modern system to fuel C-5 and C-17 aircraft in accomplishing the Air Mobility Command's (AMC) airlift, airdrop, and air mobility missions from their largest aerial port of embarkation (APOE). This hydrant fuel system replaces a 26-year-old system that failed and is no longer in service. A hydrant fuel system is essential to fuel wide-bodied aircraft to enhance mission effectiveness in an environmentally safe manner. This system is particularly crucial due to the planned assignment of C-17 aircraft to Travis AFB in fiscal year 2005.

CURRENT SITUATION: The existing hydrant fuel system failed in January 2002 due to numerous leaks in its aluminum piping and electrical and mechanical failures of the pumps and controls Obsolescence, coupled with extensive deterioration of piping, pumps, and control systems, makes any repair alternative infeasible. The use of refueler trucks to fuel wide-bodied aircraft has a significantly negative impact on labor and equipment and results in unacceptable delays in refueling aircraft to meet mission requirements.

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 workers, and create logistical bottlenecks during deployments and contingency operations from this APOE.

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

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

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0507	15,100

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:	03/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	YES
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	06/03
(e)	Date Design Complete:	09/04
(f)	Type of Design Contract:	Design/Bid/Build

2. Basis

(a)	Standard or Definitive Design:	YES
(b)	Date Design was Most Recently Used:	09/02

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

(a)	Production of Plans and Specifications	525
(b)	All Other Design Costs	345
(c)	Total	870
(d)	Contract	0
(e)	In-House	870

4.	Contract Award	01/05
5.	Construction Start	02/05
6.	Construction Completion	02/07

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 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII	DEFENSE LOGISTICS AGENCY	1.66

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USN	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	3,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	68,069
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	71,569

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESC0462	Multi-Product Interface Tank	3,500	01/03	06/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
125	Replace Kuahua Pipeline (FY 2008)	13,069
411	Replace Five Fuel Storage Tanks (Phase 1) (FY 2008)	30,000
411	Replace Five Fuel Storage Tanks (Phase 2) (FY 2009)	25,000

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units at Pearl Harbor, Hawaii, and the Pacific Fleet.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $27.9 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
FLEET AND INDUSTRIAL SUPPLY CENTER (FISC), PEARL HARBOR, HAWAII	MULTI-PRODUCT INTERFACE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	411	DESC0462	3,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	2,805
FUEL STORAGE TANK (795 kL / 5,000 BARRELS)	LS	-	-	(1,060)
DISTRIBUTION PIPING, MANIFOLD, MONITOR STATION	LS	-	-	(1,510)
PUMP STATION AND SHELTER	LS	-	-	(110)
TRUCK FILLSTAND ADDITION (1 STOP)	LS	-	-	(125)
SUPPORTING FACILITIES	-	-	-	310
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(100)
DEMOLITION	LS	-	-	(40)
MECHANICAL AND ELECTRICAL UTILITIES	LS	-	-	(170)
SUBTOTAL	-	-	-	3,115
CONTINGENCY (5%)	-	-	-	156
ESTIMATED CONTRACT COST	-	-	-	3,271
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	213
TOTAL REQUEST	-	-	-	3,484
TOTAL REQUEST (ROUNDED)	-	-	-	3,500

10. Description of Proposed Construction: Construct a multi-product fuel interface system consisting of a 795-kiloliter (kL) (5,000-barrel) aboveground interface fuel storage tank, distribution pipe manifold, flow and density monitors, meters, automatic tank gauging, pump station, and truck fillstand addition. Work includes an on-base piggable pipeline connecting a refinery pipe to the new manifold, interface system controls, spill containment dikes, cathodic protection, fire protection, and site utilities. Demolish two on-site abandoned 1000-barrel storage tanks.

11. REQUIREMENT: 795 kL ADEQUATE: 0 kL SUBSTANDARD: 0 kL

PROJECT: Construct a multi-product fuel interface tank system. (C)

REQUIREMENT: There is a need to provide a fuel delivery system that can transport safely and efficiently three different fuels in the same pipeline from the refinery to the bulk fuel storage tanks at FISC, Pearl Harbor. This pipeline will transport JP-5 and JP-8 jet fuel and F-76 diesel fuel. Construction of this pipeline-and-tank system would reduce the FISC's reliance on receiving one type of jet fuel (JP-5) by barges or tankers and result in a significant annual savings in transportation costs. To maintain the stringent quality specifications of each fuel during delivery, the pipeline must be flushed of the mixed fuel that results from the changeover of fuel types in the pipeline. This contaminated interface fuel will be stored temporarily in a 795-kL (5,000-barrel) fuel storage tank. Periodically, this fuel will be returned to the refinery for reprocessing.

CURRENT SITUATION: The FISC receives JP-5 jet fuel by barge or ocean tanker and JP-8 and F-76 fuels by an existing pipeline from a nearby refinery. The cost differential of transporting JP-5 by sea, versus pipeline, is about 11 cents per gallon more. Since the naval base uses more than 29.4 million gallons per year of JP-5 fuel, a cost avoidance of $3.2 million per year will be realized by delivering this fuel via pipeline. To achieve this savings, the pipeline system must be able to differentiate among three types of fuel and flush the contaminated interface fuel to a separate storage tank. The current pipeline system lacks this capability. Current procedures are to blend manually the interface fuel of JP-8 jet fuel and F-76 diesel fuel into the diesel fuel supply when the

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
FLEET AND INDUSTRIAL SUPPLY CENTER (FISC), PEARL HARBOR, HAWAII	MULTI-PRODUCT INTERFACE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	411	DESC0462	3,500

refinery switches pipeline delivery of these two products. Manually blending these fuels risks contamination of millions of gallons of diesel fuel with jet fuel that has different physical and performance specifications. In addition, by limiting the number of tanker deliveries, the danger of potential environmental contamination during fuel transfer at the pier will be significantly reduced.

IMPACT IF NOT PROVIDED: If this project is not provided, the Department of Defense (DoD) will forego an annual cost avoidance of more than $3.2 million. The practice of manually blending diesel and JP-8 jet fuels during product changeover will remain a continuing threat of causing off-specification diesel fuel. Mission readiness could be negatively affected if this operation contaminates the stock of diesel fuel stored at the base.

ADDITIONAL: An analysis of the status quo versus new construction concluded that the proposed project would achieve a savings-to-investment ratio of greater than 14 with a discounted payback period of less than 4 years. 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 the other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	01/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	04/03
(e)	Date Design Complete:	06/04
(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	200
(b)	All Other Design Costs	175
(c)	Total	375
(d)	Contract	300
(e)	In-House	75

4.	Contract Award	12/04
5.	Construction Start	01/05
6.	Construction Completion	04/06

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 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MARINE CORPS AIR STATION (MCAS), CHERRY POINT, NORTH CAROLINA	DEFENSE LOGISTICS AGENCY	0.96

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USMC	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	22,700
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	22,700

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0501	Replace Hydrant Fuel System	22,700	01/03	09/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units and transient aircraft at Marine Corps Air Station, Cherry Point, North Carolina.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $2.9 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION (MCAS), CHERRY POINT, NORTH CAROLINA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0501	22,700

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	18,200
HYDRANT OUTLETS AND FUEL PIPING (8 OUTLETS)	LS	-	-	(12,100)
PUMPHOUSE	LS	-	-	(2,700)
RAIL / TRUCK UNLOAD STATION (20 RAIL / 6 TRUCK STOPS)	LS	-	-	(3,400)
SUPPORTING FACILITIES	-	-	-	2,200
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(800)
MECHANICAL AND ELECTRICAL UTILITIES	LS	-	-	(800)
DEMOLITION	LS	-	-	(370)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(230)
SUBTOTAL	-	-	-	20,400
CONTINGENCY (5%)	-	-	-	1,020
ESTIMATED CONTRACT COST	-	-	-	21,420
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	1,285
TOTAL REQUEST	-	-	-	22,705
TOTAL REQUEST (ROUNDED)	-	-	-	22,700

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse, fuel distribution piping to outlets and truck fillstand, and eight direct fueling pantograph stations. Construct a fuel unloading station for 20 railcars and 6 tank trucks including extension of the parallel rail siding, new spill containment system, truck access roads, oil-water separator, and associated piping and equipment. Work includes cathodic protection systems, leak detection, fire protection systems, fire hydrants, utility and sewer connections, site drainage improvements, perimeter fencing, and security lighting. Connect fuel distribution piping to existing 11 pantograph stations. Demolish existing pumphouse, 16 pantograph stations, rail unload facility, and associated piping and appurtenances. Provide operations and maintenance support information.

11. REQUIREMENT: 19 Outlets (OL) ADEQUATE: 11 OL SUBSTANDARD: 16 OL

PROJECT: Replace a deteriorated hydrant fuel system and railcar fuel unload facility with a modern pressurized fuel system and unload facility. (C)

REQUIREMENT: There is a need to provide an environmentally safe and reliable fuel system to receive jet fuel (JP-5) from rail cars and trucks and issue fuel via a hydrant fuel system to aircraft performing critical missions at the MCAS Cherry Point. These systems are the only means of meeting the refueling needs of assigned and transient aircraft, including the refueling of wide-bodied transport aircraft used to deploy rapidly the II Marine Expeditionary Force, stationed at Camp Lejeune. These systems replace deteriorated, failing facilities, which will be demolished as part of this project.

CURRENT SITUATION: The existing aircraft hydrant fuel system has experienced repeated failures, is detrimental to mission readiness, and is dangerous to personnel, aircraft, equipment, and the environment. On seven occasions since 1997, failures within the hydrant system resulted in the cumulative spilling of more than 110,000 gallons of jet fuel. The "deadhead" piping design does not provide piping to return fuel in the system to storage. As a result, the pumps cause extreme over-pressurization in the aluminum piping, leading welded joints to fail and seals to leak when valves are closed. Because of these defects, the North Carolina Department of Environmental Health and Natural Resources issued two Notices of Violation (NOV) in 1997 and 2000 against this system for non-compliance with environmental regulations. This proposed MILCON project to replace this defective system

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
MARINE CORPS AIR STATION (MCAS). CHERRY POINT, NORTH CAROLINA	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0501	22,700

is part of the corrective action plan to resolve the 2000 NOV. The base currently operates this system at only 25 percent of its rated capacity to keep pipeline pressures within acceptable limits. Manual operations are needed to throttle system controls to run in this manner. This extra work diverts the labor force from other tasks. Replacement of the rail fuel unload facility will provide proper spill containment for the typical 20 rail cars delivering fuel to the base on a recurring basis. The existing 60-year-old unload station can only accommodate 14 rail cars with a containment system too small for the larger rail cars in use.

IMPACT IF NOT PROVIDED: If this project is not provided, further deterioration and failure of these fuel receipt and delivery systems will increase the risk of a complete shutdown of these systems by state regulators. Disruption of aircraft refueling will have a severely negative impact to MCAS Cherry Point's mission readiness and role as a power projection platform.

ADDITIONAL: Because of the amount of deterioration, repairing the existing hydrant fuel system is infeasible. New construction of these facilities is the only practicable 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 the other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	01/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	YES
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	06/03
(e)	Date Design Complete:	09/04
(f)	Type of Design Contract:	Design/Bid/Build

2. Basis

(a)	Standard or Definitive Design:	YES
(b)	Date Design was Most Recently Used:	09/02

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

(a)	Production of Plans and Specifications	780
(b)	All Other Design Costs	520
(c)	Total	1,300
(d)	Contract	1,040
(e)	In-House	260

4.	Contract Award	01/05
5.	Construction Start	02/05
6.	Construction Completion	02/07

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 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

3. INSTALLATION AND LOCATIONS	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DEFENSE SUPPLY CENTER COLUMBUS (DSCC), OHIO	DEFENSE LOGISTICS AGENCY	0.98

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
A. AS OF 30 Sep 2003	33	6	2,352	0	0	0		0		2,391
B. END FY 2008	33	6	2,273	0	0	0		0		2,312

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	551 ACRES
B. INVENTORY TOTAL AS OF SEP 2003	244,047
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	9,140
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	258,687

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
742	DSCC0301	Replace Physical Fitness Facility	5,500	03/01	11/02

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
823	Decentralize Heat Plant (FY 2008)	5,140
724	Replace Community/Lodging Center (FY 2008)	4,000

10. MISSION OR MAJOR FUNCTION

The Defense Supply Center Columbus (DSCC) organizes, directs, and accomplishes the management of supplies in assigned federal groups and provides supply support of decentralized and non-cataloged items to the Army, Navy, Air Force, and Marines. DSCC also supports tenant activities on the installation including the DLA Defense Distribution Depot Columbus (DDCO), Defense Finance and Accounting Service (DFAS), and other Department of Defense tenants.

Deferred sustainment, restoration, and modernization at this location is $22.0 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
DEFENSE SUPPLY CENTER COLUMBUS (DSCC) OHIO	REPLACE PHYSICAL FITNESS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	742	DSCC0301	5,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	3,972
PHYSICAL FITNESS FACILITY...(29,000 SF)	m^2	2,695	1,474	(3,972)
SUPPORTING FACILITIES	-	-	-	960)
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(410)
SITE UTILITIES	LS	-	-	(500)
ANTI-TERRORISM/FORCE PROTECTION	LS	-	-	(50)
SUBTOTAL	-	-	-	4,932
CONTINGENCY (5%)	-	-	-	247
ESTIMATED CONTRACT COST	-	-	-	5,179
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	311
TOTAL REQUEST	-	-	-	5,490
TOTAL REQUEST (ROUNDED)	-	-	-	5,500

10. Description of Proposed Construction: Construct a physical fitness center to include multi-purpose court, three racquetball courts, indoor running track mezzanine, aerobics room, weight-training area, administrative and storage space, and locker and shower facilities. Work includes site improvements such as driveways, sidewalks, landscaping, and site utilities. Anti-terrorism protective measures and access for the handicapped will be provided.

11. REQUIREMENT: 2,695 square meters (m^2) ADEQUATE: 0 m^2 SUBSTANDARD: 3,135 m^2

PROJECT: Replace an existing physical fitness facility. (C)

REQUIREMENT: There is a need to relocate the existing fitness center, located in a converted World War II warehouse, so this 26,734 m^2 (287,763 square-foot) building may be vacated and demolished by separate action to reduce DoD facilities infrastructure. The relocation of this function and subsequent demolition of unneeded warehouses are part of the installation master plan, driven by a reduction of depot operations and transformation of the installation to a mostly administrative complex. Consequently, 95 percent of the installation's population has moved over the past five years to administrative facilities more than a mile away from the current fitness center. In addition, as part of this plan, an obsolete central heat plant serving warehouses at the depot is scheduled for demolition in FY 2008. When this occurs, the center would have to install an expensive individual heating system in the existing fitness facility to keep it in operation. This facility serves more than 8,000 military personnel, dependents, and government civilians at this location. The proposed center will be constructed across the street from two recently built administrative buildings providing more than one million square feet of office space.

CURRENT SITUATION: DSCC currently uses 3,135 m^2 (33,746 SF) of a converted warehouse, constructed in 1942, to house its physical fitness facility. As the only remaining occupant in this mostly vacant building, the fitness center is expensive to maintain and no longer situated to support conveniently the personnel who use it. Conversion of this part of the warehouse began over 20 years ago. As a result, electrical power, ventilation, plumbing, and fire protection systems are aging and more costly to maintain. In addition, the facility is not accessible to the physically handicapped.

IMPACT IF NOT PROVIDED: If this project is not provided, DSCC will be forced to sustain its fitness center in a vacant building for which it has no other use and at a location that detracts from a quality work environment at this installation. Aging building systems will continue to be costly to maintain, and additional funds for a new heating system and personnel accessibility will be spent on a marginal facility.

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
DEFENSE SUPPLY CENTER COLUMBUS (DSCC) OHIO	REPLACE PHYSICAL FITNESS FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	742	DSCC0301	5,500

ADDITIONAL: This project meets all applicable DoD criteria. The Director, Defense Logistics Agency certifies that this facility is suitable for joint use by other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	03/01
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c)	Percent Completed as of January 2004:	100
(d)	Date 35 Percent Completed:	07/01
(e)	Date Design Complete:	11/02
(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	300
(b)	All Other Design Costs	270
(c)	Total	570
(d)	Contract	455
(e)	In-House	115

4.	Contract Award	12/04
5.	Construction Start	01/05
6.	Construction Completion	03/06

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		2. DATE
DEFENSE (DLA)	**FY 2005 MILITARY CONSTRUCTION PROGRAM**	**FEB 04**

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
TINKER AIR FORCE BASE, OKLAHOMA	**DEFENSE LOGISTICS AGENCY**	**0.91**

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USAF	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	5,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	5,400

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0607	Add/Alter Hydrant Fuel System	5,400	04/03	09/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units and transient aircraft at Tinker Air Force Base, Oklahoma.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $4.0 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
TINKER AIR FORCE BASE OKLAHOMA	ADD/ALTER HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0607	5,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	3,300
HYDRANT OUTLETS AND FUEL PIPING (8 OUTLETS)	LS	-	-	(2,000)
FUEL STORAGE TANK (795 kL / 5,000 BARRELS)	LS	-	-	(700)
PUMP STATION AND SHELTER	LS	-	-	(600)
SUPPORTING FACILITIES	-	-	-	1,550
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(700)
MECHANICAL AND ELECTRICAL UTILITIES	LS	-	-	(600)
GENERATOR AND ENCLOSURE	LS	-	-	(150)
DEMOLITION	LS	-	-	(50)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(50)
SUBTOTAL	-	-	-	4,850
CONTINGENCY (5%)	-	-	-	243
ESTIMATED CONTRACT COST	-	-	-	5,093
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	306
TOTAL REQUEST	-	-	-	5,399
TOTAL REQUEST (ROUNDED)	-	-	-	5,400

10. Description of Proposed Construction: Provide a modified hydrant fuel system with four fuel and four defuel hydrant outlets in associated lateral control pits, pump shelter and control room, one 795-kiloliter (kL) (5,000-barrel) steel fuel storage tank, and fuel distribution pipeline. Work includes leak detection system, cathodic protection, utility and sewer connections, electrical transformer, and emergency generator. Demolish two existing lateral control pits and two hydrant pits and associated piping. Provide operations and maintenance support information.

11. REQUIREMENT: 8 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 2 OL

PROJECT: Add to and alter an existing hydrant fuel system to meet current mission requirements. (C)

REQUIREMENT: There is a need to provide an efficient and environmentally safe means to fuel or defuel up to four wide-bodied aircraft simultaneously. When these aircraft arrive for programmed depot maintenance (PDM) at the Oklahoma Air Logistics Center, their fuel tanks must be emptied (defueled) and purged of fuel vapors before maintenance activities may begin. This project provides an operationally efficient means of defueling these aircraft upon arrival and refueling them during testing and at departure. In addition, the new system reduces the risk of fuel spills compared with the labor-intensive defueling of these large aircraft into refueler trucks. This hydrant system supports the depot maintenance of B-1, B-52, KC-135, and E-3 aircraft.

CURRENT SITUATION: The existing system is antiquated and reduces productivity because it can only fuel or defuel one aircraft at a time. Current defueling and fueling operations are conducted at different locations on the parking apron. When aircraft arrive for PDM, they are defueled one at a time into refueler trucks, which must cycle to and from the bulk storage tanks three miles away to unload this fuel. After defueling, these aircraft must be towed to another location on the apron to have their fuel tanks purged of fuel vapors. This labor- and equipment-intensive process is inefficient, costly, and environmentally risky because of the frequent transfer of fuel to trucks. In contrast, the proposed project will allow simultaneous operations on four aircraft and eliminate towing aircraft between sites.

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
TINKER AIR FORCE BASE OKLAHOMA	ADD/ALTER HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0607	5,400

IMPACT IF NOT PROVIDED: If this project is not provided, productivity at the Oklahoma Air Logistics Center will continue to be adversely affected by an outdated fuel system that lacks the capability of efficiently handling large, wide-bodied aircraft. The environmental risk of a potential fuel spill will remain unmitigated.

ADDITIONAL: An economic analysis comparing adding to and altering the current hydrant system versus continuing status quo operations 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 the other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	04/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	07/03
(e)	Date Design Complete:	09/04
(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	240
(b)	All Other Design Costs	160
(c)	Total	400
(d)	Contract	320
(e)	In-House	80

4.	Contract Award	01/05
5.	Construction Start	02/05
6.	Construction Completion	08/06

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 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

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			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF 30 SEP 2003	14	11	1,653	0	0	0	201	0	663	2,542
b. END FY 2008	11	10	1,600	0	0	0	190	0	600	2,411

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	848 ACRES
B. INVENTORY TOTAL AS OF	3,761,311
C. AUTHORIZED NOT YET IN INVENTORY	24,600
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	22,300
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	6,500
F. PLANNED IN NEXT THREE YEARS	84,016
G. REMAINING DEFICIENCY	90,000
H. GRAND TOTAL	3,988,727

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
219	DDCX0501	Consolidated Maintenance Facility	22,300	04/03	09/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
724	Replace Lodging Facility	6,500

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
740	Replace Physical Fitness Facility (FY 2007)	5,300
841	Elevated Water Storage Tank (FY 2008)	3,416
441	Bulk Warehouse (FY 2008)	30,000
441	Logistics Operations Warehouse (FY 2008)	17,000
441	Bulk Sheds (FY 2009)	8,300
610	DDC Headquarters Building (FY 2009)	20,000

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 text iles; 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 $50.7 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA (DDSP), NEW CUMBERLAND, PENNSYLVANIA	CONSOLIDATED MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	219	DDCX0501	22,300

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	17,186
CONSOLIDATED MAINTENANCE FACILITY.....(181,000 SF)	m^2	16,815	855	(14,377)
PRODUCT TESTING CENTER.....(15,000 SF)	m^2	1,394	1,208	(1,684)
COVERED PARKING	LS	-	-	(770)
TRACTOR AND SALT SHEDS	LS	-	-	(280)
WASH BAY	LS	-	-	(75)
SUPPORTING FACILITIES	-	-	-	2,810
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(1,200)
SITE UTILITIES	LS	-	-	(610)
DEMOLITION	LS	-	-	(1,000)
SUBTOTAL	-	-	-	19,996
CONTINGENCY (5%)	-	-	-	1,000
ESTIMATED CONTRACT COST	-	-	-	20,996
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	1,260
TOTAL REQUEST	-	-	-	22,256
TOTAL REQUEST (ROUNDED)	-	-	-	22,300
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(700)

10. Description of Proposed Construction: Construct a 16,815 m^2 (181,000 SF) maintenance facility to consolidate eight facilities engineering and vehicle maintenance functions. Typical clear height will be 6.1 meters (m) (20 feet) with clearance in three large-vehicle maintenance bays at 7.62 m (25 feet). Built-in equipment includes hoists and bridge cranes, compressed air piping, dust collection system, oil and grease delivery system, and vehicle exhaust ventilation system. Provide connection to all needed utilities. Work includes separate fuel dispensing station, wash bay, tractor shed, and a salt storage shed. Provide open and covered parking for installation vehicles and parking for employees. Construct a separate 1,394 m^2 (15,000 SF) product testing center with a clear height of 5.18 m (17 feet.). Demolish 14 existing structures at 26,775 m^2 (288,200 SF) occupied by these functions.

11. REQUIREMENT: 18,209 m^2 ADEQUATE: 0 m^2 SUBSTANDARD: 26,775 m^2

PROJECT: Construct a modern maintenance facility to consolidate base support functions and reduce obsolete infrastructure. (C)

REQUIREMENT: There is a need to consolidate eight facilities-maintenance functions now scattered in 14 various World War I and II-era buildings and sheds. This project will improve productivity and efficiency and eliminate costly, deteriorated plant infrastructure. Adequate work space for 219 employees will be provided for facilities engineering shops and engineering staff, base supply, road and grounds, motor pool, vehicle maintenance, and a separate product testing center. Supporting facilities include sufficient open and covered parking for the numerous service vehicles, trucks, construction equipment, and forklifts assigned or serviced at this facility. Fuel dispensing facilities, wash rack, a tractor shed, and a salt storage shed will also be provided. A separate product testing center, supporting the DLA logistics mission, will be constructed to replace space impacted by the planned demolition.

CURRENT SITUATION: Eight facilities engineering and vehicle maintenance activities provide essential base support from 14 separate facilities on the installation that range from 60 to 85 years old. The largest of these facilities is a 21,461 m^2 (231,000 SF) wooden World War I warehouse that provides inadequate safety clearances, ventilation, and fire protection to meet current building codes for the vehicle maintenance and shop work performed inside. The other building and sheds, totaling 5,314 m^2 (57,200 SF),

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
DEFENSE DISTRIBUTION DEPOT SUSQUEHANNA (DDSP), NEW CUMBERLAND, PENNSYLVANIA	CONSOLIDATED MAINTENANCE FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	219	DDCX0501	22,300

are in various states of deterioration, but are used due to a lack of suitable alternate space. In some cases, functional units are divided into two or more buildings. As a result, communication, coordination, and staff supervision, between and within departments, are difficult and inefficient due to the distance between supervisors and workers. All 14 of these deteriorated structures will be demolished as part of this project in support of Department of Defense infrastructure recapitalization goals and the DDSP installation master plan.

IMPACT IF NOT PROVIDED: If this project is not provided, DDSP will continue to perform essential facilities engineering and vehicle maintenance activities from obsolete buildings that fail to meet current building-code standards. Worker health, safety, and productivity will remain at risk from a substandard working environment. Costly facilities operation, sustainment, and restoration of these deteriorated buildings will divert scarce infrastructure resources that could be better invested in other urgent needs.

ADDITIONAL: An analysis of the status quo versus new construction concluded that the proposed project is the only feasible alternative to meet mission requirements. 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 the other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	04/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	YES
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	07/03
(e)	Date Design Complete:	09/04
(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	720
(b)	All Other Design Costs	480
(c)	Total	1,200
(d)	Contract	960
(e)	In-House	240

4. Contract Award	02/05
5. Construction Start	03/05
6. Construction Completion	03/07

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Storage Aids	DWCF	2005	700

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION (NAS) KINGSVILLE, TEXAS	DEFENSE LOGISTICS AGENCY	0.91

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USN	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	9,200
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	3,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	13,100

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
124	DESC0560	Replace Jet Fuel Storage Tank	3,900	12/02	09/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units at Naval Air Station, Kingsville, Texas.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $360,000.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
NAVAL AIR STATION (NAS) KINGSVILLE, TEXAS	REPLACE JET FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	124	DESC0560	3,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	2,780
FUEL STORAGE TANK (3,180 kL / 20,000 BARRELS)	LS	-	-	(1,620)
SPECIAL FOUNDATIONS	LS	-	-	(280)
FUEL OPERATIONS BUILDING	LS	-	-	(320)
CORROSION CONTROL CANOPIES	LS	-	-	(460)
FUEL DISTRIBUTION PIPING	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	720
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(80)
MECHANICAL AND ELECTRICAL UTILITIES	LS	-	-	(90)
DEMOLITION	LS	-	-	(510)
OPERATIONS AND MAINTENANCE SUPPORT INFORMATION	LS	-	-	(40)
SUBTOTAL	-	-	-	3,500
CONTINGENCY (5%)	-	-	-	175
ESTIMATED CONTRACT COST	-	-	-	3,675
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	221
TOTAL REQUEST	-	-	-	3,896
TOTAL REQUEST (ROUNDED)	-	-	-	3,900

10. Description of Proposed Construction: Construct a steel, aboveground fuel-storage tank of 3,180-kiloliter (kL) (20,000-barrel) capacity, concrete containment dikes, fuel operations building, and corrosion control canopies over existing fuel fillstands. Work includes fuel distribution piping, cathodic protection systems, fire protection, controls and alarms, automatic tank gauging, utility and sewer connections, and site preparation and improvements. Provide operations and maintenance support information. Demolish the existing storage complex of underground and aboveground tanks, piping, and associated support facilities.

11. REQUIREMENT: 9,540 kL ADEQUATE: 6,360 kL SUBSTANDARD: 5,612 kL

PROJECT: Replace jet-fuel storage tanks and distribution system. (C)

REQUIREMENT: There is a need to replace a failing jet-fuel storage complex at NAS Kingsville. To support the station's mission of naval pilot training and to meet Department of Defense fuel inventory requirements at this location, a fuel storage facility of 9,540-kL (60,000-barrels) capacity is essential. This project is the second of two projects to provide the vital storage tanks, fuel receipt facilities, and refueler-truck distribution system to support the flight line refueling of aircraft. The first project, approved in the DLA FY 2004 MILCON program, provided 6,380 kL (40,000 barrels) of fuel storage and fuel loading and unloading systems. The existing fuel storage complex will be demolished in coordination with an ongoing environmental remediation project. Four underground tanks and one aboveground tank of 5,612-kL (35,300-barrel) total capacity will be removed with their supporting pipelines and other facilities.

CURRENT SITUATION: The capability of NAS Kingsville to meet its mission responsibilities has been severely jeopardized by the closure of three of its five jet-fuel storage tanks due to their deterioration and leaking of fuel into the ground. The underground tanks are more than 50 years old; the one aboveground tank is more than 30 years old. This storage site has been formally

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
NAVAL AIR STATION (NAS) KINGSVILLE, TEXAS	REPLACE JET FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	124	DESC0560	3,900

identified as contaminated by the State of Texas. The Texas Natural Resources Conservation Commission has listed these tanks in their Leaking Petroleum Storage Tank program. Environmental remediation of this site is ongoing through the Navy's Installation Restoration Program.

IMPACT IF NOT PROVIDED: If this project is not provided, NAS Kingsville might not be able to meet its assigned mission in the future due to the failure of its fuel storage facilities. Existing in-service tanks and underground piping will continue to age and deteriorate, posing a significant environmental and safety risk. Ongoing remediation efforts will be hampered by the potential for further contamination.

ADDITIONAL: An analysis of repairing the existing facilities versus constructing a new fuel storage complex 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 the other components. This project is required to fund the remaining scope of work to construct a new jet-fuel storage complex at this installation. The FY 2004 project, inserted by Congress, was appropriated at $9.2 million—too little to accomplish the full scope of the intended work.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	12/02
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	YES
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	06/03
(e)	Date Design Complete:	09/04
(f)	Type of Design Contract:	Design/Bid/Build

2. Basis

(a)	Standard or Definitive Design:	YES
(b)	Date Design was Most Recently Used:	09/02

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

(a)	Production of Plans and Specifications	140
(b)	All Other Design Costs	95
(c)	Total	235
(d)	Contract	190
(e)	In-House	45

4.	Contract Award	11/04
5.	Construction Start	11/04
6.	Construction Completion	11/06

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 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		**FEB 04**

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
DEFENSE SUPPLY CENTER RICHMOND (DSCR), VIRGINIA	**DEFENSE LOGISTICS AGENCY**	**0.91**

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF 30 Sep 2003	36	8	3,318	0	0	60	8	1	618*	4,049*
b. END FY 2008	40	9	3,649	0	0	66	9	2	679*	4,454*
* Includes Contractors										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	633 ACRES	
B. INVENTORY TOTAL AS OF SEP 2003		135,120
C. AUTHORIZED NOT YET IN INVENTORY		5,500
D. AUTHORIZATION REQUESTED IN THIS PROGRAM		10,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM		
F. PLANNED IN NEXT THREE YEARS		23,000
G. REMAINING DEFICIENCY		
H. GRAND TOTAL		173,720

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
610	DSCR0401	Conference Center	3,600	02/02	07/04
442	DSCR0502	Security Enhancements	6,500	01/03	0704

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
610	Consolidate Industrial Plant Equipment Admin (FY 2008)	10,300
740	Replace Physical Fitness Facility (FY 2009)	5,800
219	Replace Engineering Center (FY 2009)	6,900

10. MISSION OR MAJOR FUNCTION

The Defense Supply Center Richmond (DSCR) organizes, directs, and accomplishes the management of supplies in assigned Federal groups and provides supply support of decentralized and non-cataloged items to the U.S. and European areas. DSCR also supports tenant activities on the installation, including the DLA Defense Distribution Depot Richmond (DDRV).

Deferred sustainment, restoration, and modernization at this location is $2.8 million.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
DEFENSE SUPPLY CENTER RICHMOND (DSCR), VIRGINIA	CONFERENCE CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	610	DSCR0401	3,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITY	-	-	-	3,141
CONFERENCE CENTER (28,000 SF)	m^2	2,600	1,208	(3,141)
SUPPORTING FACILITIES	-	-	-	100
DEMOLITION	LS	-	-	(30)
TELECOMMUNICATIONS	LS	-	-	(70)
SUBTOTAL	-	-	-	3,241
CONTINGENCY (5%)	-	-	-	162
ESTIMATED CONTRACT COST	-	-	-	3,403
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	204
TOTAL REQUEST	-	-	-	3,607
TOTAL REQUEST (ROUNDED)	-	-	-	3,600
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(605)

10. Description of Proposed Construction: Convert a 2,600 square-meter (28,000 square-foot) warehouse bay to a conference center for 1,400 people. Provide movable wall partitions to divide the center into a smaller auditorium and up to six training rooms of various sizes. Provide restrooms and entrance additions to the existing building to accommodate this level of occupancy. Work includes new electrical power and lighting; heating, ventilation, and air conditioning (HVAC); fire protection; plumbing; telecommunications; and built-in audio-visual equipment to meet the operational needs of this facility.

11. REQUIREMENT: 2,600 m^2 ADEQUATE: 0 m^2 SUBSTANDARD: 0 m^2

PROJECT: Convert a vacant warehouse bay to a conference center. (C)

REQUIREMENT: There is a need to provide suitable space for command-wide assemblies of DSCR personnel or other large business meetings and conferences supporting the DSCR mission. This project converts a vacant warehouse bay to an auditorium/conference center for up to 1,400 employees. By using movable wall panels, this space may be subdivided to smaller training rooms for 20, 40, or 50 people each to provide maximum training flexibility. This conference center, adjacent to administrative bays recently renovated in an FY 99 DLA MILCON project, provides convenient, accessible space for large meetings, which does not exist elsewhere on the installation. Conversion of this underutilized space to a conference center will allow the command to avoid the costly leasing of commercial hotel conference rooms for these essential meetings.

CURRENT SITUATION: DSCR lacks an auditorium for command assemblies or large business meetings of more than 35 people. To accommodate groups larger than this number, DSCR must either rent commercial conference space or hold multiple, repetitive meetings with groups of employees to disseminate information or conduct training. Using commercial space results in costly rental fees, employee transportation costs, and lost productivity for both the employees in transit and senior managers convening the meetings. Holding multiple meetings on the same subject is inefficient and disruptive to the schedules of these senior managers. DSCR conducts an annual aviation weapons conference with the military services, business system modernization workshops, and frequent "all-hands" employee forums with the commander during the year that incur significant costs that could be avoided by construction of a conference center on the installation.

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
DEFENSE SUPPLY CENTER RICHMOND (DSCR), VIRGINIA	CONFERENCE CENTER

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	610	DSCR0401	3,600

IMPACT IF NOT PROVIDED: If this project is not provided, DSCR will continue to incur costs to rent commercial conference space and lose productivity by employees traveling to remote sites for large meetings. Senior managers will continue to expend scarce resources conducting multiple meetings on the same subject in order to reach their intended audience. Vacant warehouse space in the new administrative section of the installation will remain underutilized.

ADDITIONAL: This project meets all applicable DoD criteria. The Director, Defense Logistics Agency, certifies that this facility is suitable for joint 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 2004:	35
(d)	Date 35 Percent Completed:	07/02
(e)	Date Design Complete:	07/04
(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	150
(b)	All Other Design Costs	100
(c)	Total	250
(d)	Contract	200
(e)	In-House	50

4.	Contract Award	12/04
5.	Construction Start	01/05
6.	Construction Completion	01/06

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Audio/Visual Equipment	DWCF	2005	400
Telecommunication Equipment	DWCF	2005	70
Auditorium/Conference Furniture	DWCF	2005	105
Intrusion Detection System	DWCF	2006	30
			605

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
DEFENSE SUPPLY CENTER RICHMOND (DSCR), VIRGINIA	SECURITY ENHANCEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	442	DSCR0502	6,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	3,384
MAIL INSPECTION AND STORAGE FACILITY (25,550 SF)	m^2	2,374	1,120	(2,659)
ENTRANCE GATE IMPROVEMENTS	LS	-	-	(725)
SUPPORTING FACILITIES	-	-	-	2,450
SITE PREPARATION, PAVEMENTS, AND SITE IMPROVEMENTS	LS	-	-	(950)
SITE UTILITIES	LS	-	-	(500)
TELECOMMUNICATIONS	LS	-	-	(1,000)
SUBTOTAL	-	-	-	5,834
CONTINGENCY (5%)	-	-	-	292
ESTIMATED CONTRACT COST	-	-	-	6,126
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	368
TOTAL REQUEST	-	-	-	6,494
TOTAL REQUEST (ROUNDED)	-	-	-	6,500
EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(910)

10. Description of Proposed Construction: Construct a 2,374 square-meter (m^2) (25,550 square-foot) mail inspection and storage facility with visitor registration office, and improve entrance gate to include vehicle inspection lanes and canopy, gate house at 27 m^2 (300 SF), two guard houses at 9 m^2 (100 SF) each, and one remote guard house at 19 m^2 (200 SF) for truck inspections. Work includes site preparation; utilities, sewer, and drainage connections; fencing; security lighting; emergency generator; access roads; paved parking; and telecommunications ductbank construction. Widen asphalt entrance road by up to three traffic lanes to improve vehicle ingress to and egress from installation. Demolish existing small guard shack.

11. REQUIREMENT: 2,374 m^2 ADEQUATE: 0 m^2 SUBSTANDARD: 0 m^2

PROJECT: Provide security enhancements at a main entrance gate and a new mail inspection facility. (C)

REQUIREMENT: There is a need to provide permanent security enhancements at the current main entrance gate into the installation to comply with anti-terrorism/force protection security requirements. Entrance gate facilities must enable installation security forces to perform incoming vehicular and personnel inspections under all Force Protection Conditions (FPCON). In addition, a mail inspection and storage facility is needed that is safely located away from heavily populated employee work areas so incoming mail and packages may be x-rayed, isolated, and stored until they can be cleared for internal distribution. This project relocates the mail center from its current space in the middle of the installation's primary administrative zone. An installation road leading to the main gate will be widened by up to three additional traffic lanes to accommodate vehicles queuing for inspection. A visitor registration office will be located in the mail inspection facility.

CURRENT SITUATION: In the aftermath of the September 11, 2001, terrorist attacks and subsequent incidents of anthrax-laced mail, DSCR executed expedient measures to meet new Department of Defense force protection requirements. As part of this effort, DSCR closed to incoming traffic the main gate, which was adjacent to the installation headquarters building. The entrance road to this gate is immediately off a major U.S. highway and provided no buffer for vehicles to queue while awaiting vehicle inspection. Consequently, vehicles lined up along the highway, creating unsafe conditions. Incoming traffic was rerouted to another entrance gate, which previously served truck traffic into the collocated distribution depot. Current expedient traffic barriers and inspection facilities at this new main gate are inadequate for continued long-term operations, particularly with the mix of truck and automobile traffic. Moreover, this site lacks an adequate visitor registration office. This function is currently performed in a converted

1. Component DEFENSE (DLA)	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEB 04

3. Installation and Location:	4. Project Title
DEFENSE SUPPLY CENTER RICHMOND (DSCR), VIRGINIA	SECURITY ENHANCEMENTS

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	442	DSCR0502	6,500

storage container. The existing mail center is located in a bay of a multi-functional administrative building within a complex of heavily occupied buildings. This location exposes employees to a potentially deadly risk if the mail center receives contaminated mail or a malicious package.

IMPACT IF NOT PROVIDED: If this project is not provided, security forces at DSCR will continue to be hampered by inadequate facilities to inspect incoming truck and automobile traffic and to process visitors. The existing mail center will continue to expose a majority of DSCR's employees to serious risk.

ADDITIONAL: Because the mail center must be isolated, but readily accessible to an installation entrance, new construction of this facility is the only practicable 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 the other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	01/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	YES
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	07/03
(e)	Date Design Complete:	07/04
(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	235
(b)	All Other Design Costs	155
(c)	Total	390
(d)	Contract	310
(e)	In-House	80

4.	Contract Award	12/04
5.	Construction Start	01/05
6.	Construction Completion	07/06

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Telecommunications	DWCF	2005	500
X-Ray Equipment	DWCF	2005	250
Intrusion Detection System	DWCF	2006	60
Systems & Other Furniture	DWCF	2006	100
			910

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		**FEB 04**

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
NAVAL AIR STATION (NAS) OCEANA, VIRGINIA	**DEFENSE LOGISTICS AGENCY**	**0.92**

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USN	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	3,589
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	3,589

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
411	DESC0601	Bulk Fuel Storage Tank	3,589	01/03	10/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units at Naval Air Station Oceana, Virginia.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $4.9 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
NAVAL AIR STATION (NAS) OCEANA, VIRGINIA	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	411	DESC0601	3,589

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	2,520
FUEL STORAGE TANK (3,180 kL / 20,000 BARRELS)	LS	-	-	(1,450)
PILE FOUNDATION	LS	-	-	(350)
PUMP STATION AND SHELTER	LS	-	-	(420)
FUEL DISTRIBUTION PIPING	LS	-	-	(300)
SUPPORTING FACILITIES	-	-	-	705
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(375)
SITE UTILITIES	LS	-	-	(300)
OPERATIONS AND MAINTENANCE SUPPORT INFORMATION	LS	-	-	(30)
SUBTOTAL	-	-	-	3,225
CONTINGENCY (5%)	-	-	-	161
ESTIMATED CONTRACT COST	-	-	-	3,386
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.0%)	-	-	-	203
TOTAL REQUEST	-	-	-	3,589

10. Description of Proposed Construction: Construct a 3,180-kiloliter (kL) (20,000-barrel) aboveground jet-fuel storage tank. Work will include pile foundation, impervious concrete dikes, leak detection, controls, alarms, piping, cathodic protection, automatic tank gauging, and fire protection. Provide a 76 liter-per-second (1,200 gallon-per-minute) transfer pump station and shelter. Provide site preparation, fencing, access roads, and site utilities. Connect pipelines to existing jet fuel storage system.

11. REQUIREMENT: 14,309 kL ADEQUATE: 11,129 kL SUBSTANDARD: 0 kL

PROJECT: Construct a bulk jet-fuel storage tank. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage capacity of 3,180 kL (20,000 barrels) at Naval Air Station Oceana to provide a total on-station storage capacity of 14,309 kL (90,000 barrels). This quantity of fuel is necessary to meet war-reserve and operation-plan (OPLAN) requirements determined by the Commander, Atlantic Fleet.

CURRENT SITUATION: NAS Oceana currently has 11,129 kL (70,000 barrels) of storage in three bulk fuel storage tanks and two small operating tanks. Additional storage capacity is needed to sustain ongoing peacetime operations and satisfy OPLAN and war-reserve requirements to support the station's mission.

IMPACT IF NOT PROVIDED: If this project is not provided, the lack of adequate jet fuel storage will jeopardize NAS Oceana's ability to conduct sustained flight operations in support of Atlantic Fleet operations plans. The increased fuel demand of assigned and transient aircraft, coupled with the lack of fuel storage tanks, will raise the potential for running out of fuel or issuing fuel that has not had sufficient storage time to settle out contaminants.

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
NAVAL AIR STATION OCEANA, VIRGINIA	BULK FUEL STORAGE TANK

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	411	DESC0601	3,589

ADDITIONAL: Construction of a new fuel storage tank on the installation 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 the other components.

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	01/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c)	Percent Completed as of January 2004:	35
(d)	Date 35 Percent Completed:	07/03
(e)	Date Design Complete:	10/04
(f)	Type of Design Contract:	Design/Bid/Build

2. Basis

(a)	Standard or Definitive Design:	YES
(b)	Date Design was Most Recently Used:	09/02

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

(a)	Production of Plans and Specifications	115
(b)	All Other Design Costs	75
(c)	Total	190
(d)	Contract	150
(e)	In-House	40

4.	Contract Award	01/05
5.	Construction Start	02/05
6.	Construction Completion	04/06

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 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
MISAWA AIR BASE, JAPAN	DEFENSE LOGISTICS AGENCY	1.68

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USAF	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	26,400
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	19,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	46,300

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0503	Hydrant Fuel System	19,900	01/03	06/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units and transient aircraft at Misawa Air Base, Japan.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $1.1 million

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
MISAWA AIR BASE, JAPAN	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	121	DESC0503	19,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	12,350
HYDRANT OUTLETS AND FUEL PIPING (9 OUTLETS)	LS	-	-	(2,000)
OPERATING FUEL TANKS (3,180 kL/ 20,000 BARRELS)	LS	-	-	(3,235)
PUMPHOUSES AND FILTER BUILDING	LS	-	-	(3,450)
TRUCK FILLSTAND (2 STOPS) & HYDRANT TRUCK CHECKOUT	LS	-	-	(750)
PANTOGRAPHS AND STORAGE SHELTER	LS	-	-	(1,120)
PIG LAUNCH AND RECOVERY STATIONS	LS	-	-	(375)
FUEL TRANSFER PIPELINE	LS	-	-	(1,420)
SUPPORTING FACILITIES	-	-	-	5,430
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(4,000)
MECHANICAL AND ELECTRICAL UTILITIES	LS	-	-	(1,100)
GENERATOR AND ENCLOSURE	LS	-	-	(330)
SUBTOTAL	-	-	-	17,780
CONTINGENCY (5%)	-	-	-	889
ESTIMATED CONTRACT COST	-	-	-	18,669
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	1,213
TOTAL REQUEST	-	-	-	19,882
TOTAL REQUEST (ROUNDED)	-	-	-	19,900
Currency Exchange Rate: 125.49 ¥/$				

10. Description of Proposed Construction: Construct a pressurized hydrant fuel system with 9 hydrant outlets; two 1,590-kiloliter (kL) (10,000-barrel) cut-and-cover fuel storage tanks, each with a 152 liter-per-second (2,400 gallon-per minute) pumphouse; fuel filter/separator facility; truck fillstands; hydrant hose truck checkout/pantograph flush station; product recovery system; pantographs and storage building; pig launch and recovery stations; and transfer pipeline. Work includes all necessary pumps, valves, filters, control systems, cathodic protection, automatic tank gauging, fire protection, emergency generator and enclosure, utility and sewer connections, access pavements, fencing, and security lighting. Site preparation includes extensive clearing and earthwork. Demolish small structure on site to make way for new construction.

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

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

REQUIREMENT: There is a need to construct a modern hydrant fuel system in the northern Japan region to meet strategic mobility requirements for contingency and operation plans. Faster refueling of wide-bodied aircraft by a hydrant fuel system is needed to meet stringent aircraft sortie rates required in these plans. The current method of refueling these aircraft by refueler trucks is too slow. This project provides a system of nine refueling outlets for C-5 aircraft and a fuel transfer pipeline connecting the systems's operating storage tanks with the bulk fuel storage facility on base. This project must be conjunctively funded with a proposed Air Force military construction project to expand the airfield apron for two additional aircraft parking positions, also programmed for FY 2005.

CURRENT SITUATION: The refueling of wide-bodied aircraft at Misawa is accomplished by refueler trucks, typically requiring 5-6 truckloads and up to 4-6 hours per aircraft, versus 1 hour by hydrant operations. Current work force and refueling truck capabilities do not meet mission requirements in operation plans.

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
MISAWA AIR BASE, JAPAN	HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
701111S	121	DESC0503	19,900

IMPACT IF NOT PROVIDED: If this project is not provided, the continued refueling of large aircraft by trucks will jeopardize Misawa Air Base's ability to meet aircraft-sortie cycle times in support of contingency and operations plans. The safety of personnel operating and maintaining overburdened equipment during these high-demand periods will be imperiled.

ADDITIONAL: This project is ineligible for Japanese Facilities Improvement Program (JFIP) funding because it will add to the offensive operational capability of Misawa Air Base. 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 the other components .

12. Supplemental Data:

A. Estimated Design Data:

1. Status

(a)	Date Design Started:	01/03
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c)	Percent Completed as of January 2004:	60
(d)	Date 35 Percent Completed:	06/03
(e)	Date Design Complete:	06/04
(f)	Type of Design Contract:	Design/Bid/Build

2. Basis

(a)	Standard or Definitive Design:	YES
(b)	Date Design was Most Recently Used:	09/02

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

(a)	Production of Plans and Specifications	970
(b)	All Other Design Costs	645
(c)	Total	1,615
(d)	Contract	0
(e)	In-House	1,615

4.	Contract Award	12/04
5.	Construction Start	01/05
6.	Construction Completion	01/07

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 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
DEFENSE (DLA)		FEB 04

3. INSTALLATION AND LOCATIONS	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
LAJES FIELD, AZORES	DEFENSE LOGIS TICS AGENCY	1.30

6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
Tenant of USAF	OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF										
b. END FY										

7. INVENTORY DATA ($000)

A. TOTAL ACREAGE	
B. INVENTORY TOTAL AS OF	
C. AUTHORIZED NOT YET IN INVENTORY	
D. AUTHORIZATION REQUESTED IN THIS PROGRAM	19,113
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE YEARS	1,400
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	20,513

8. PROJECTS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
121	DESC0404	Replace Hydrant Fuel System	19,113	07/01	03/04

9. FUTURE PROJECTS:

a. INCLUDED IN FOLLOWING PROGRAM

CATEGORY CODE	PROJECT TITLE	COST ($000)
None		

b. PLANNED IN NEXT THREE YEARS

CATEGORY CODE	PROJECT TITLE	COST ($000)
610	Fuels Operations Facility (FY 2008)	1,400

10. MISSION OR MAJOR FUNCTION

These fuel facilities provide essential storage and distribution systems to support the missions of assigned units at Lajes Field, Azores, and other transient aircraft.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $14.8 million.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location	4. Project Title
LAJES FIELD, AZORES	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0404	19,113

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	15,100
HYDRANT OUTLETS AND FUEL PIPING (9 OUTLETS)	LS	-	-	(7,800)
OPERATING FUEL TANKS (3,180 kL/ 20,000 BARRELS)	LS	-	-	(2,600)
PUMPHOUSE	LS	-	-	(3,000)
TRUCK FILLSTAND (3 STOPS) & HYDRANT TRUCK CHECKOUT	LS	-	-	(900)
PANTOGRAPHS AND STORAGE SHELTER	LS	-	-	(800)
SUPPORTING FACILITIES	-	-	-	1,992
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(767)
MECHANICAL AND ELECTRICAL UTILITIES	LS	-	-	(565)
DEMOLITION	LS	-	-	(300)
GENERATOR AND ENCLOSURE	LS	-	-	(160)
OPERATIONS & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(200)
SUBTOTAL	-	-	-	17,092
CONTINGENCY (5%)	-	-	-	855
ESTIMATED CONTRACT COST	-	-	-	17,947
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	1,166
TOTAL REQUEST	-	-	-	19,113
Currency Exchange Rate: 1.031 Euro/$				

10. Description of Proposed Construction: Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse, nine hydrant fuel outlets, two 1,590-kiloliter (kL)(10,000-barrel) aboveground operating tanks, distribution piping, truck fillstand, and checkout stand for hydrant hose trucks. Work includes cathodic protection systems, leak detection, automatic tank gauging, fire protection, fire hydrants, utility connections, oil/water separator, emergency generator, secondary containment systems, perimeter fencing, and security lighting. Cross connect fuel distribution piping to existing 18-outlet hydrant system. Provide four pantographs, two high-reach units, and a pantograph storage shelter. Demolish existing pumphouse, underground storage tanks, and hydrant outlets. Provide operations and maintenance support information.

11. REQUIREMENT: 27 Outlets (OL) ADEQUATE: 18 OL SUBSTANDARD: 7 OL

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

REQUIREMENT: There is a need to provide a functioning hydrant fuel system for wide-bodied aircraft supporting strategic mobility requirements and operations plans in the Atlantic. This 9-outlet system will replace a hydrant system that has failed and cannot support peacetime missions or en route mobility requirements in contingency or wartime operations. Lajes Field supports the Expeditionary Air Force concept and provides ground and in-flight refueling for aircraft transiting the Atlantic. It also provides a base of operations for humanitarian relief missions. This project provides the second of two hydrant fuel systems needed to meet the total requirement of 27 hydrants. The previous system was approved in the FY 1999 DLA MILCON program.

CURRENT SITUATION: There is only one functional hydrant fuel system at Lajes Field. An existing 7-hydrant outlet system has been taken out of service due to environmental protection concerns and interference with airfield communications and radar upgrades. The area serviced by this hydrant system can no longer be used for aircraft parking. The current operational hydrant fuel system cannot support expected refueling demands during wartime scenarios. This situation leaves the proposed project site as the

1. Component	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		FEB 04

3. Installation and Location:	4. Project Title
LAJES FIELD, AZORES	REPLACE HYDRANT FUEL SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
702976S	121	DESC0404	19,113

only remaining area to park wide-bodied aircraft. 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, the refueling operations at Lajes Field will be severely hampered if the only existing hydrant fuel system were to fail. The resulting lack of hydrant refueling capability would increase aircraft refueling time, impacting personnel, cargo, and weapons movement to various theaters of operations.

ADDITIONAL: This project is not eligible for NATO Security Investment Program funding because of the terms of the 1984 Technical Agreement between the United State and Portugal, which governs the use of Lajes Field. 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:	07/01
(b)	Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c)	Percent Completed as of January 2004:	60
(d)	Date 35 Percent Completed:	07/02
(e)	Date Design Complete:	03/04
(f)	Type of Design Contract:	Design/Bid/Build

2. Basis

(a)	Standard or Definitive Design:	YES
(b)	Date Design was Most Recently Used:	09/02

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

(a)	Production of Plans and Specifications	670
(b)	All Other Design Costs	450
(c)	Total	1,120
(d)	Contract	900
(e)	In-House	220

4.	Contract Award	12/04
5.	Construction Start	01/05
6.	Construction Completion	07/06

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