

**Defense Logistics Agency
FY 2017 Military Construction, Defense-Wide
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
Alaska				
Joint Base Elmendorf-Richardson Construct Truck Offload Facility	4,900	4,900	C	40
California				
Travis Air Force Base Replace Hydrant Fuel System	26,500	26,500	C	43
Florida				
Patrick Air Force Base Replace Fuel Tanks	10,100	10,100	C	46
South Carolina				
Joint Base Charleston Construct Hydrant Fuel System	17,000	17,000	C	49
Texas				
DLA Distribution, Red River Army Depot Construct Warehouse and Open Storage	44,700	44,700	C	52
Diego Garcia				
Navy Support Facility Improve Wharf Refueling Capability	30,000	30,000	C	54
Japan				
Iwakuni Construct Truck Offload and Loading Facilities	6,664	6,664	C	58
Kwajalein - Marshall Islands				
Kwajalein Atoll Replace Fuel Storage Tanks	85,500	85,500	C	60
United Kingdom				
Royal Air Force Lakenheath Construct Hydrant Fuel System	13,500	13,500	C	64
Total	238,864	238,864		

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016		
3. Installation And Location JOINT BASE ELMENDORF- RICHARDSON (JBER), ALASKA			4. Command DEFENSE LOGISTICS AGENCY				5. Area Construction Cost Index 2.05			
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT		(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. AS OF										
b. END FY										
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF 30 SEP 2015										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
4,900										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
a. CATEGORY					b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE	
126	CONSTRUCT TRUCK OFFLOAD FACILITY				4 OL		4,900	01/15	09/16	
9. FUTURE PROJECTS:										
a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)		
		NONE								
b. PLANNED IN NEXT FOUR YEARS										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)		
144	DESC1910	REPLACE FUEL OPERATIONS FACILITY						7,200		
10. MISSION OR MAJOR FUNCTION										
<p>Joint Base Elmendorf-Richardson (JBER) host unit is the 673rd Air Base Wing (ABW). JBER is also home to Alaskan Command and the 11th Air Force; U.S. Army Alaska; Alaska Department of Military and Veterans Affairs; Alaska National Guard; 3rd Wing; 176th Wing; 4th Infantry Brigade Combat Team (airborne); 25th Infantry Division; 2nd Engineering Brigade; 477th Fighter Group; and more than 60 other mission partners. The 673 ABW is responsible for providing expeditionary combat support and the day-to-day operations of the installation. Aircraft assigned to JBER: F-22 Raptor, C17 Globemaster III, E-3 Sentry, C-130 Hercules, C12F Huron, UH60 Black Hawk and JJ60 Pave Hawk.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$1.2 million.</p>										
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)										
A. AIR POLLUTION								0		
B. WATER POLLUTION								0		
C. OCCUPATIONAL SAFETY AND HEALTH								0		

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location JOINT BASE ELMENDORF-RICHARDSON (JBER), ALASKA			4. Project Title CONSTRUCT TRUCK OFFLOAD FACILITY		
5. Program Element 0701111S		6. Category Code 126	7. Project Number DESC1707	8. Project Cost (\$000) 4,900	
<p>ADDITIONAL: Construction of a new truck offload facility is the viable alternative that will provide jet fuel resupply at JBER. This project meets all applicable DoD criteria. Low Impact Development will be included in the project as appropriate. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					1/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					30%
(d) Date 35 Percent Complete:					10/15
(e) Date Design Complete:					09/16
(f) Type of Design Contract					D/B/B
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					250
(b) All Other Design Costs					190
(c) Total					440
(d) Contract					390
(e) In-House					50
4. Contract Award					
					01/17
5. Construction Start					
					02/17
6. Construction Complete					
					08/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATED FUEL HANDLING		DWCF	2017	20	
ENVIRONMENTAL REMEDIATION		DWCF	2017	20	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016		
3. Installation And Location TRAVIS AIR FORCE BASE, CALIFORNIA			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 1.27				
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT		(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. AS OF										
b. END FY										
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF 30 SEP 2015										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
26,500										
0										
26,500										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
a. CATEGORY						b. COST		c. DESIGN STATUS		
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE	
121	REPLACE HYDRANT FUEL SYSTEM				12 OL		26,500	03/15	11/16	
9. FUTURE PROJECTS:										
a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)		
		NONE								
b. PLANNED IN NEXT FOUR YEARS										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)		
		NONE								
10. MISSION OR MAJOR FUNCTION										
Travis Air Force Base (TAFB) supports the Air Mobility Command's (AMC) Strategic Airlift mission. This installation is one of AMC's largest Aerial Ports of Embarkation.										
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$0.6 million.										
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)										
A. AIR POLLUTION							0			
B. WATER POLLUTION							0			
C. OCCUPATIONAL SAFETY AND HEALTH							0			

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location TRAVIS AIR FORCE BASE, CALIFORNIA	4. Project Title REPLACE HYDRANT FUEL SYSTEM
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5. Program Element 0702976S	6. Category Code 121	7. Project Number DESC1611	8. Project Cost (\$000) 26,500
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9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
REPLACE HYDRANT FUEL SYSTEM	-	-	-	21,270
HYDRANT OUTLETS (CC 121122)	OL	12	560,000	(6,720)
HYDRANT PIPING (CC 125554)	LF	13,000	419	(5,450)
FUEL STORAGE TANKS AND CONTAINMENT (CC 124135) .	BL	20,000	235	(4,700)
FUEL PUMPHOUSE (CC 125977)	GM	2,400	1,833	(4,400)
SUPPORTING FACILITIES	-	-	-	2,600
DEMOLITION	LS	-	-	(1,700)
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(900)
SUBTOTAL	-	-	-	23,870
CONSTRUCTION CONTINGENCY (5%)	-	-	-	<u>1,194</u>
ESTIMATED CONTRACT COST	-	-	-	25,064
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) .	-	-	-	<u>1,429</u>
TOTAL	-	-	-	26,493
TOTAL (ROUNDED)	-	-	-	26,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(50)

10. Description of Proposed Construction:
Provide one 152 liter-per-second (2,400 gallon-per-minute) pumphouse and fuel filter facility, 12 hydrant fuel outlets, two 1,590-kiloliter (kL)(10,000-barrel) aboveground operating tanks, and fuel distribution system. Work includes all necessary pumps, control systems, leak detection, cathodic protection, product recovery tank, automatic tank gauging, site work, emergency generator, utility connections, and security lighting. Demolish the existing pumphouse, tanks, and clean and decommission or demolish existing underground piping. Project includes remediation of fuel contaminated soil funded by other appropriations.

11. REQUIREMENT: 12 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 8 OL

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

REQUIREMENT: There is a need to replace the hydrant fuel system with a compliant modern and reliable hydrant fueling system for assigned wide-body aircraft to support one of Air Mobility Command's (AMC) Strategic Airlift mission. This hydrant fuel system replaces a 43-year-old deficient system that has components that are no longer in service. Faster refueling of aircraft by a hydrant fuel system and increased operational fuel storage is needed at an Aerial Port of Embarkation (APOE) to quickly move cargo forward to support operations and mission requirements.

CURRENT SITUATION: The current system is fabricated from aluminum. Portions of the system are out of service. There have been numerous component outages which lead to extended downtimes due to obsolete repair parts. These outages have delayed refuel times. Refueling at the hazardous cargo areas do not meet required turnaround times.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location TRAVIS AIR FORCE BASE, CALIFORNIA			4. Project Title REPLACE HYDRANT FUEL SYSTEM		
5. Program Element 0702976S		6. Category Code 121	7. Project Number DESC1611	8. Project Cost (\$000) 26,500	
<p>IMPACT IF NOT PROVIDED: Aluminum piping will continue to deteriorate and increase the risk of fuel leaks. 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.</p> <p>ADDITIONAL: This project meets all applicable DoD criteria. This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					03/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					11/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					07/15
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					2,100
(b) All Other Design Costs					1,200
(c) Total					2,300
(d) Contract					1,700
(e) In-House					600
4. Contract Award					
					04/17
5. Construction Start					
					05/17
6. Construction Complete					
					07/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
ENVIRONMENTAL REMEDIATION		DWCF	2017	50	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location PATRICK AIR FORCE BASE, FLORIDA			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 0.93					
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		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 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											10,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											0
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											10,100
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
126	REPLACE FUEL TANKS				20,000 BL		10,100	04/15	08/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
10. MISSION OR MAJOR FUNCTION											
<p>Patrick Air Force Base is home to the 45th Space Wing and is the world's premier gateway to space. Patrick AFB is the Department of Defense's East Coast spaceport. They provide launch support services to the DoD and the National Aeronautics and Space Administration (NASA) as well as host to the 920th Rescue Wing mission, the U.S. State Department Air Wing and other tenant commands.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$4.8 million.</p>											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION											0
B. WATER POLLUTION											0
C. OCCUPATIONAL SAFETY AND HEALTH											0

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEBRUARY 2016	
3. Installation and Location PATRICK AIR FORCE BASE, FLORIDA			4. Project Title REPLACE FUEL TANKS			
5. Program Element 0702976S		6. Category Code 126	7. Project Number DESC1513		8. Project Cost (\$000) 10,100	
9. COST ESTIMATES						
Item		U/M	Quantity	Unit Cost	Cost (\$000)	
PRIMARY FACILITIES		-	-	-	7,078	
PUMPHOUSE AND CONTROL ROOM (CC 125977)		GM	600	5,833	(3,500)	
FUEL STORAGE (CC 411135)		BL	20,000	118	(2,360)	
TRUCK OFFLOAD (CC 126926)		OL	3	366,667	(1,100)	
SDD & EPACT O5 (2%)		LS	-	-	(118)	
SUPPORTING FACILITIES		-	-	-	1,873	
DEMOLITION		LS	-	-	(670)	
SITE PREPARATION AND IMPROVEMENTS.....		LS	-	-	(523)	
SITE UTILITIES.....		LS	-	-	(680)	
SUBTOTAL		-	-	-	9,060	
CONTINGENCY (5%)		-	-	-	453	
TOTAL CONTRACT COST		-	-	-	9,513	
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) ..		-	-	-	542	
TOTAL		-	-	-	10,055	
TOTAL (ROUNDED)		-	-	-	10,100	
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	-	(3,900)	
10. Description of Proposed Construction:						
Provide two 1,590-kiloliter (kL) (10,000-barrel) aboveground fuel storage tanks, a pump shelter with two 38 liter-per-second (600 gallon-per-minute) issue/transfer pumps and two 38 liter-per-second (600 gallon-per-minute) filter separators. Work includes all necessary fuel piping, product recovery tank, control systems, secondary containment, site work, utility connections, fencing with gates, and security lighting. Provide temporary tanks during construction. Demolish two 100,000-gallon concrete cut and cover tanks. Project includes remediation of fuel-contaminated soil funded by other appropriation.						
11. REQUIREMENT: 20,000 Barrel (BL) ADEQUATE: 0 BL SUBSTANDARD: 16,667 BL						
PROJECT: Replace deteriorated bulk storage tanks. (C)						
REQUIREMENT: There is a need to replace deteriorated fuel storage tanks. Existing concrete cut and cover underground storage tanks (UST) and pumps were installed in 1942. Replacement of this fuel storage facility is needed to prevent further environmental contamination of soil and groundwater. The assigned Patrick Air Force Base (PAFB) aircraft support multiple combatant commands, NASA space missions, and other federal agencies and missions. A reliable, environmentally compliant fuel storage complex is essential for sustaining support of these missions.						
CURRENT SITUATION: The existing 75-year-old storage complex comprised of fuel storage tanks that have reached the end of their useful life. Parts of the system are out of service. The environmental systems are difficult to maintain. Most of the components that make up the system are obsolete. Any breakdown of the system will impact flight operations at PAFB due to the large fuel throughput and the number of aircraft supported by the base.						

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location PATRICK AIR FORCE BASE, FLORIDA			4. Project Title REPLACE FUEL TANKS		
5. Program Element 0702976S		6. Category Code 126	7. Project Number DESC1513	8. Project Cost (\$000) 10,100	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, further deterioration of the aging fuel storage tanks will increase the potential for system failures. These tanks will continue to deteriorate to the point that they cannot be used. Voluntary or regulator-enforced closure of these tanks will jeopardize fuel storage capability at this site. This has the potential to affect mission support at this location.</p> <p>ADDITIONAL: An analysis of repair of the status quo versus a new system concluded that the proposed project was the more cost effective alternative to accomplish the mission. This project meets all applicable DoD criteria.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					04/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					08/16
(f) Type of Design Contract					D/B/B
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					1,000
(b) All Other Design Costs					200
(c) Total					1,200
(d) Contract					1,100
(e) In-House					100
4. Contract Award					
					02/17
5. Construction Start					
					04/17
6. Construction Complete					
					04/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
Automatic Tank Gauging		DWCF	2017	200	
Environmental Remediation		O&M, AF	2017	3,700	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location JOINT BASE CHARLESTON, SOUTH CAROLINA			4. Command DEFENSE LOGISTICS AGENCY				5. Area Construction Cost Index 0.96				
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF 30 SEP 11		-	-	-	-	-	-	-	-	-	-
b. END FY 2015		-	-	-	-	-	-	-	-	-	-
7. INVENTORY DATA (\$000)											
A. TOTAL ACREAGE											
B. INVENTORY TOTAL AS OF 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											
17,000											
17,000											
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
121	CONSTRUCT HYDRANT FUEL SYSTEM				2 OL		17,000	10/14	11/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
10. MISSION OR MAJOR FUNCTION											
<p>These fuel facilities provide essential storage and distribution systems to support the mission of the Joint Base Charleston, Charleston, South Carolina. The Charleston Team's mission is to provide globally expeditionary ready forces to combatant commanders.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$0.2 million.</p>											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION								0			
B. WATER POLLUTION								0			
C. OCCUPATIONAL SAFETY AND HEALTH								0			

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location JOINT BASE CHARLESTON, SOUTH CAROLINA	4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM
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5. Program Element 0701111S	6. Category Code 121	7. Project Number DESC1706	8. Project Cost (\$000) 17,000
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9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES	-	-	-	9,300
HYDRANT SYSTEM PIPING (CC 125554)	LF	8,000	963	(7,700)
HYDRANT OUTLETS (CC 121122)	OL	2	800,000	(1,600)
SUPPORTING FACILITIES	-	-	-	5,948
UTILITIES	LS	-	-	(858)
PAVEMENTS	LS	-	-	(1,100)
SITE IMPROVEMENTS	LS	-	-	(3,990)
SUBTOTAL	-	-	-	15,248
CONTINGENCY (5%)	-	-	-	<u>762</u>
ESTIMATED CONTRACT COST	-	-	-	16,010
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) .	-	-	-	<u>913</u>
TOTAL	-	-	-	16,923
TOTAL (ROUNDED)	-	-	-	17,000
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(153)

10. Description of Proposed Construction:
Construct a two-outlet hydrant fueling system extension from an existing hydrant loop including 14-inch coated carbon steel fuel lines, isolation valve pits, high/low point drains and leak detection/cathodic protection systems. Work includes all necessary piping, control systems, cathodic protection, site work, antiterrorism / force protection measures, utility connections, and selective demolition of airfield pavements.

11. REQUIREMENT: 2 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 modern hydrant fuel system to support mission requirements. Faster refueling of aircraft by a hydrant fuel system is needed to quickly move hazardous cargo forward to support operations and mission requirements.

CURRENT SITUATION: Aircraft parked on the hazardous cargo apron are currently refueled via refueler trucks. This method of refueling is too slow to support mission requirements. Wide body aircraft require multiple trucks to meet fuel demands. Round trip distance from fuel storage to the hazardous cargo apron is excessive. As a result, fueling times on the hazardous cargo apron are over twice as long per aircraft versus by hydrant fuel operations.

IMPACT IF NOT PROVIDED: If this project is not provided, time to refuel aircraft may delay successful mission accomplishments. Aircraft servicing operations will continue to experience delays due to limited numbers of refueling personnel and trucks during peak periods. The continued refueling of wide bodied aircraft by trucks will jeopardize the safety of personnel operating and maintaining overburdened equipment during high-demand periods.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location JOINT BASE CHARLESTON, SOUTH CAROLINA			4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM		
5. Program Element 0701111S		6. Category Code 121	7. Project Number DESC1706	8. Project Cost (\$000) 17,000	
ADDITIONAL: This project meets all applicable DoD criteria. The 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:					10/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					11/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					07/13
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					1,000
(b) All Other Design Costs					1,000
(c) Total					2,000
(d) Contract					1,500
(e) In-House					500
4. Contract Award					
					04/17
5. Construction Start					
					05/17
6. Construction Complete					
					11/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
LEAK DETECTION		DWCF	2017	153	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location DLA DISTRIBUTION RED RIVER ARMY DEPOT, TEXAS			4. Command DEFENSE LOGISTICS AGENCY				5. Area Construction Cost Index 0.77				
6. PERSONNEL tenant of U.S. Army		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		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 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											
44,700											
107,000											
151,700											
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
441	CONSTRUCT WAREHOUSE AND OPEN STORAGE				240,000 SF		44,700	02/15	07/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
441		CONSTRUCT GENERAL PURPOSE WAREHOUSE						52,000			
441		CONTROLLED HUMIDITY WAREHOUSE						59,000			
10. MISSION OR MAJOR FUNCTION											
<p>Defense Distribution Depot Red River Texas (DDRT) occupies 800 acres with a primary mission to receive, store, physically inventory, package, pack and perform shipment of assigned items. DDRT is located adjacent to the Red River Army Depot (RRAD). RRAD has the only Department of Defense capability for the remanufacture of road wheel and tracked vehicle systems to include Tactical Wheeled Vehicles, the Bradley Fighting Vehicle and Multiple Launch Rocket System. RRAD supports deployments to Southwest Asia to maintain vehicle and system support.</p> <p>Deferred sustainment, restoration, and modernization for distribution facilities at this location is \$76 million.</p>											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION								0			
B. WATER POLLUTION								0			
C. OCCUPATIONAL SAFETY AND HEALTH								0			

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location DLA DISTRIBUTION RED RIVER ARMY DEPOT, TEXAS	4. Project Title CONSTRUCT WAREHOUSE AND OPEN STORAGE
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5. Program Element 0701111S	6. Category Code 441	7. Project Number DCCX1701	8. Project Cost (\$000) 44,700
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9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES	-	-	-	33,454
GENERAL PURPOSE WAREHOUSE (CC 44110)	SF	240,000	98	(23,571)
OPEN STORAGE (CC 45110)	SY	316,467	30	(9,423)
SDD & EPACT 05 (2%)	LS	-	-	(460)
SUPPORTING FACILITIES	-	-	-	6,788
SITE UTILITIES	LS	-	-	(1,875)
SITE PREPARATION, PAVING & IMPROVEMENTS	LS	-	-	(4,613)
STORM DRAINAGE	LS	-	-	(300)
SUBTOTAL	-	-	-	40,242
CONTINGENCY (5%)	-	-	-	<u>2,012</u>
ESTIMATED CONTRACT COST	-	-	-	42,254
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%) ..	-	-	-	<u>2,408</u>
TOTAL	-	-	-	44,662
TOTAL (ROUNDED)	-	-	-	44,700
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(5,576)

10. Description of Proposed Construction:
Construct a general purpose warehouse (GPW) with 26-foot (7.62-meter) stacking height, weather-sealed truck doors, and loading/unloading docks with dock levelers, administrative area, locker rooms, employee lunch/break room and utility annex. Construct open storage areas include curbing, area lights, fencing and entrance gates, storm drainage, and related site improvements. Supporting facilities include all utilities, fire protection, storm drainage, site information systems, site lighting, paving (access roadways, hardstand aprons, parking), walks, and related site improvements. Administrative areas will comply with ADA and AT force protection standards.

11. REQUIREMENT: 3,670,353 Square Feet (SF) ADEQUATE: 898,908 SF SUBSTANDARD: 985,357 SF

PROJECT: Construct a general purpose warehouse and open storage. (C)

REQUIREMENT: There is a need to provide a warehouse and open space for the storage of tactical vehicles, parts, components, and systems supporting the repair and refurbishment of combat, combat support, and combat service support wheeled and tracked vehicles.

CURRENT SITUATION: DLA Distribution Red River, Texas (DDRT) requires additional warehousing and open storage space to store vehicles and vehicle parts. DDRT supports the Red River Army Depot's rebuild operation which currently has a 30,000 vehicle backlog awaiting refurbishment with another 30,000 scheduled for rebuild. The demand for protected storage exceeds the capacity of available warehousing. Overflow materiel is currently stored outdoors. Useable parts are continuously being disposed of as unserviceable because of the forced outside storage conditions. In addition, the location of the materiel may also prevent fire-fighting equipment access to the exterior and roof of buildings. Wet and muddy open storage conditions create unsafe working conditions and operational inefficiencies.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location DLA DISTRIBUTION RED RIVER ARMY DEPOT, TEXAS			4. Project Title CONSTRUCT WAREHOUSE AND OPEN STORAGE		
5. Program Element 0701111S		6. Category Code 441	7. Project Number DCCX1701	8. Project Cost (\$000) 44,700	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, DDRT will continue to operate inefficiently in inadequate facilities to meet its mission requirements. Failure to meet the timely demands of the Army units and other customers with parts and assemblies needed to rebuild, retrofit, and maintain tactical vehicle fleet will adversely impact support to the warfighter.</p> <p>ADDITIONAL: Alternative methods of meeting this requirement have been explored during the project development. This project meets all applicable DoD criteria. The 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.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					02/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					Yes
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					07/15
(e) Date Design Complete:					07/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					FY14
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					1,950
(b) All Other Design Costs					2,190
(c) Total					4,140
(d) Contract					3,610
(e) In-House					530
4. Contract Award					
					01/17
5. Construction Start					
					03/17
6. Construction Complete					
					06/19
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
SECURITY MEASURES/INTRUSION DETECTION SYSTEMS		DWCF	2018	200	
RACK SYSTEM & MATERIAL HANDLING EQUIPMENT		DWCF	2018	5,267	
WORKSTATIONS, FURNITURE & IT		DWCF	2018	109	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016			
3. Installation And Location U.S. NAVAL SUPPORT FACILITY DIEGO GARCIA, BRITISH INDIAN OCEAN TERRITORY (BIOT)			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 2.67					
6. PERSONNEL tenant of U.S. Navy		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED			(4)TOTAL
		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 30 SEP 2015											
C. AUTHORIZED NOT YET IN INVENTORY											
D. AUTHORIZATION REQUESTED IN THIS PROGRAM											
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
F. PLANNED IN NEXT THREE PROGRAM YEARS											
G. REMAINING DEFICIENCY											
H. GRAND TOTAL											
30,000											
0											
30,000											
8. PROJECTS REQUESTED IN THIS PROGRAM:											
a. CATEGORY						b. COST		c. DESIGN STATUS			
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE		
125	IMPROVE WHARF REFUELING CAPABILITY				5,550 LF		30,000	01/15	09/16		
9. FUTURE PROJECTS:											
a. INCLUDED IN FOLLOWING PROGRAM											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
b. PLANNED IN NEXT FOUR YEARS											
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)			
		NONE									
10. MISSION OR MAJOR FUNCTION											
Naval Support Facility Diego Garcia's mission is to provide logistic support to operational forces forward deployed to the Indian Ocean and Persian Gulf areas in support of national Policy.											
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$27.2 million.											
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)											
A. AIR POLLUTION											
B. WATER POLLUTION											
C. OCCUPATIONAL SAFETY AND HEALTH											
0											
0											
0											

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location U.S. NAVAL SUPPORT FACILITY DIEGO GARCIA, BRITISH INDIAN OCEAN	4. Project Title IMPROVE WHARF REFUELING CAPABILITY
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5. Program Element 0701111S	6. Category Code 125	7. Project Number DESC1705	8. Project Cost (\$000) 30,000
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9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES	-	-	-	18,007
FUEL PIPELINE (CC 12510)	LF	5,550	2,288	(12,700)
PUMPHOUSE EXPANSION (CC 12516)	GM	1,200	4,333	(5,200)
SDD & EPACT 05 (2%)	LS	-	-	(57)
OPERATION & MAINTENANCE SUPPORT INFORMATION	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	7,800
SITE WORK, PAVEMENTS AND UTILITIES	LS	-	-	(7,800)
SUBTOTAL	-	-	-	25,807
CONTINGENCY (5%)	-	-	-	<u>1,290</u>
ESTIMATED CONTRACT COST	-	-	-	27,097
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%) .	-	-	-	<u>1,680</u>
SUBTOTAL	-	-	-	28,777
PCAS (2%)	-	-	-	<u>576</u>
TOTAL	-	-	-	29,353
TOTAL (ROUNDED)	-	-	-	30,000
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(50)

10. Description of Proposed Construction:
Construct new pipelines from the main pump house to the Deep Draft Wharf (DDW). Construct two new fuel pits on the DDW. Each pit will include two hydrants, stripping pumps with related piping, and spill containment. Expand the existing main pumphouse and provide two new pumps, filters, motors and controls for receiving and issuing fuel to the DDW. Associated work includes filters, cathodic protection, fire protection, lighting and electrical requirements.

11. REQUIREMENT: 5,550 Linear Feet (LF) ADEQUATE: 0 LF SUBSTANDARD: 0 LF

PROJECT: Provide fueling capability at the Deep Draft Wharf (DDW) at Naval Support Facility (NSF) Diego Garcia (DG). (C)

REQUIREMENT: NSF DG's fuel pier is the fuel receipt and issue for fuel on the island. A secondary means of fuel receipt and issue is required at the DDW which currently has very limited fueling capability. NSF DG mission is to provide logistical support to operational forces forward deployed to the Indian Ocean and Persian Gulf areas in support of national policy objectives. The mission readiness would be impacted should fuel receipt and issue were disrupted.

CURRENT SITUATION: NSF DG currently receives and issues fuel products from two existing fuel docks; the fuel pier and the DDW. The existing pump house can't simultaneously issue and receive fuel at both the fuel pier and the DDW. Additionally the fuel pier can only service one vessel at a time due to the length of the pier. The DDW has sufficient length to berth

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location U.S. NAVAL SUPPORT FACILITY DIEGO GARCIA, BRITISH INDIAN OCEAN			4. Project Title IMPROVE WHARF REFUELING CAPABILITY		
5. Program Element 0701111S		6. Category Code 125	7. Project Number DESC1705	8. Project Cost (\$000) 30,000	
<p>two refuel vessels simultaneously. The DDW currently only has limited refueling capability.</p> <p>IMPACT IF NOT PROVIDED: In the event of refueling delay, NSA DG will not be able to sustain prolonged, intensive operational workload in supporting forward-deployed forces, on-island, and theater logistic requirements and pre-positioned ships.</p> <p>ADDITIONAL: New construction is the only feasible alternative to meet mission requirements. This project meets all applicable DoD criteria. Low Impact Development will be included in the project as appropriate. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					01/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					07/15
(e) Date Design Complete:					09/16
(f) Type of Design Contract					D/B/B
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					1,700
(b) All Other Design Costs					1,200
(c) Total					2,900
(d) Contract					2,700
(e) In-House					200
4. Contract Award					
					01/17
5. Construction Start					
					02/17
6. Construction Complete					
					12/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR</u> <u>REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATED FUEL HANDLING		DWCF	2017	50	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM					2. Date FEBRUARY 2016	
3. Installation And Location MARINE CORPS AIR STATION IWAKUNI, JAPAN			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 1.71		
6. PERSONNEL tenant of U.S. Navy		(1)PERMANENT		(2)STUDENTS		(3)SUPPORTED		(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	
a. AS OF								
b. END FY								
7. INVENTORY DATA (\$000)								
A. TOTAL ACREAGE								
B. INVENTORY TOTAL AS OF 30 SEP 2015								
C. AUTHORIZED NOT YET IN INVENTORY								
D. AUTHORIZATION REQUESTED IN THIS PROGRAM								
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM								
F. PLANNED IN NEXT THREE PROGRAM YEARS								
G. REMAINING DEFICIENCY								
H. GRAND TOTAL								
6,664								
26,600								
36,040								
69,304								
8. PROJECTS REQUESTED IN THIS PROGRAM:								
a. CATEGORY				b. COST		c. DESIGN STATUS		
(1)Code	(2) PROJECT TITLE			(3) SCOPE		(\$000)	(1)START	(2)COMPLETE
126	CONSTRUCT TRUCK OFFLOAD AND LOADING FACILITIES			4 OL		6,664	12/14	07/16
9. FUTURE PROJECTS:								
a. INCLUDED IN FOLLOWING PROGRAM								
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)	
411	DESC1803	CONSTRUCT BULK STORAGE TANKS (PH-1 of 4)					26,600	
b. PLANNED IN NEXT FOUR YEARS								
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)	
151	DESC1903	CONSTRUCT T-5 PIER					12,500	
411	DESC1803	CONSTRUCT BULK STORAGE TANKS (PH-2 of 4)					23,540	
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 MCAS Iwakuni, Japan.								
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$10.3 million.								
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)								
A. AIR POLLUTION							0	
B. WATER POLLUTION							0	
C. OCCUPATIONAL SAFETY AND HEALTH							0	

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016
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3. Installation and Location MARINE CORPS AIR STATION IWAKUNI, JAPAN	4. Project Title CONSTRUCT TRUCK OFFLOAD AND LOADING FACILITIES
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5. Program Element 0701111S	6. Category Code 126	7. Project Number DESC1708	8. Project Cost (\$000) 6,664
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9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES	-	-	-	4,768
TRUCK UNLOAD STATIONS (CC 12640)	OL	4	836,105	(3,344)
TRUCK FILLSTAND (CC 12630)	OL	2	711,796	(1,424)
SUPPORTING FACILITIES	-	-	-	1,208
SITE UTILITIES	LS	-	-	(519)
DEMOLITION	LS	-	-	(490)
SITE PREPARATION AND IMPROVEMENTS	LS	-	-	(199)
SUBTOTAL	-	-	-	5,976
CONTINGENCY (5%)	-	-	-	299
ESTIMATED CONTRACT COST	-	-	-	6,275
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%) .	-	-	-	389
TOTAL	-	-	-	6,664
TOTAL (ROUNDED)	-	-	-	6,664
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(105)

10. Description of Proposed Construction:
Construct a 600-gallon-per minute four-position jet fuel unload station with a canopy and a 600-gallon-per minute two-position fuel loading facility with a canopy. Provide secondary containment and overflow provisions for the unloading facility. Work includes access pavement, utilities, pump controls, drainage structures, gates, fencing, and lighting. Demolish existing pavement, truck loading stations, soil remediation structure, concrete and curbs necessary for construction.

11. REQUIREMENT: 4 Outlets (OL) ADEQUATE: 2 OL SUBSTANDARD: 0 OL

PROJECT: Construct four-station truck unload and two-station load facility. (C)

REQUIREMENT: There is a need to provide additional fuel truck fillstands and unloading facilities to sustain base operational requirements. This project will provide a secondary source of fuel supply to the installation. The new unload stations will comply with current standard design criteria to allow simultaneous unloading of multiple-compartment tankers using higher flow-rate pumps with overflow provisions and safety controls. Two refueler truck loading positions are needed to provide efficient primary means of delivering fuel to the base's aircraft requirements.

CURRENT SITUATION: Fuel is delivered to the base via fuel pier by barge or marine tanker vessel. The Air Station has no secondary method to receive fuel. An interruption or damage to any of the components between the fuel pier and the fuel storage facility could impact the ability of MCAS Iwakuni to conduct its mission. Additionally, truck loading positions on the Air Station are miles from the aircraft fueling area. The existing truck loading positions are not well positioned to support standard and contingency aircraft operations of the air station.

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location MARINE CORPS AIR STATION IWAKUNI, JAPAN			4. Project Title CONSTRUCT TRUCK OFFLOAD AND LOADING FACILITIES		
5. Program Element 0701111S		6. Category Code 126	7. Project Number DESC1708	8. Project Cost (\$000) 6,664	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, the installation may be unable to access fuel when the fuel pier is out of service. Unloading of commercial tank trucks will be a lengthy, inefficient operation. Both of these conditions will hamper the installation flying mission by delaying air operations.</p> <p>ADDITIONAL: 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.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					12/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					07/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					07/10
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					700
(b) All Other Design Costs					200
(c) Total					900
(d) Contract					800
(e) In-House					100
4. Contract Award					
					01/17
5. Construction Start					
					03/17
6. Construction Complete					
					07/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATED FUEL HANDLING EQUIPMENT		DWCF	2017	105	
Point of Contact is DLA Civil Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016		
3. Installation And Location DEFENSE FUEL SUPPLY POINT KWAJALEIN ATOLL, MARSHALL ISLANDS			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 2.61				
6. PERSONNEL tenant of U.S. Army		(1) PERMANENT		(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		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 30 SEP 2015										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
a. CATEGORY				b. COST		c. DESIGN STATUS				
(1) Code	(2) PROJECT TITLE			(3) SCOPE		(\$000)	(1) START	(2) COMPLETE		
411	REPLACE FUEL STORAGE TANKS			90,000 BL		85,500	11/14	09/16		
9. FUTURE PROJECTS:										
a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)			
		NONE								
b. PLANNED IN NEXT THREE YEARS										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE					COST (\$000)			
		NONE								
10. MISSION OR MAJOR FUNCTION										
<p>These fuel facilities provide essential storage and distribution systems to support the mission of assigned units at Defense Fuel Supply Point (DFSP) Kwajalein Atoll, Marshall Islands.</p> <p>Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$0.3 million.</p>										
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)										
A. AIR POLLUTION										
B. WATER POLLUTION										
C. OCCUPATIONAL SAFETY AND HEALTH										

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. Date FEBRUARY 2016		
3. Installation and Location DEFENSE FUEL SUPPLY POINT KWAJALEIN ATOLL, MARSHALL ISLANDS		4. Project Title REPLACE FUEL STORAGE TANKS		
5. Program Element 0702976S	6. Category Code 411	7. Project Number DESC1704	8. Project Cost (\$000) 85,500	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES	-	-	-	72,570
FUEL STORAGE TANK (14,310 kL)(CC 41110)	BL	90,000	523	(47,100)
FUEL STORAGE TANK (1,138 kL)(CC 41121)	BL	7,100	1,028	(7,300)
MOTOR GAS STORAGE (605 kL)(CC 41140)	BL	3,809	1,601	(6,100)
FUEL OPERATIONS BUILDING (CC 14375)	SF	2,835	2,293	(6,500)
FILTER BUILDING	SF	1,600	3,481	(5,570)
SUPPORTING FACILITIES	-	-	-	3,888
DEMOLITION	LS	-	-	(1,824)
SITE IMPROVEMENTS	LS	-	-	(978)
UTILITIES	LS	-	-	(650)
ARCHAEOLOGICAL MITIGATION	LS	-	-	(436)
SUBTOTAL	-	-	-	76,458
CONTINGENCY (5%)	-	-	-	<u>3,823</u>
ESTIMATED CONTRACT COST	-	-	-	80,281
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%) .	-	-	-	<u>5,218</u>
TOTAL	-	-	-	85,4
TOTAL (ROUNDED)	-	-	-	85,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(993)
10. Description of Proposed Construction:				
Construct three 4,769-kiloliter (kL) (30,000-barrel) (BL) and one 1,136-kiloliter (kL) (7,100-barrel) aboveground steel storage tanks for fuel storage. Construct four 151 kL (40,000-gallon) aboveground steel storage tanks for motor gas (MOGAS) fuel. Construct a 149 square meter fuel filter building and 263 square meter fuel operations building. The work includes construction of aboveground distribution piping, site improvements, and utilities connections. Demolish ten existing fuel storage tanks and fuel operations building. Project includes remediation of contaminated soil funded by other appropriations.				
11. REQUIREMENT: 90,000 BL ADEQUATE: 0 BL SUBSTANDARD: 90,000 BL				
PROJECT: Replace ten existing fuel storage tanks with modern compliant aboveground storage tanks. (C)				
REQUIREMENT: There is a need to replace corroded, non-compliant fuel storage tanks, built in 1954, before continuing deterioration poses operational and environmental risks of failure. Compliant fuel storage is needed at DFSP Kwajalein to support fuel requirements of numerous military and US forces in the Pacific region. Maintain fuel supply to the remote location at all times during construction.				
CURRENT SITUATION: The existing steel storage tanks have severe corrosion due to their age and exposure to a harsh corrosive environment. The existing fuel storage tanks do not comply with aboveground tank regulations of the Environment Protection Agency (EPA) and have been issued a Notice of Deficiency. Fuel leaks have occurred and there is high risk of additional contamination of the islands groundwater, soil, and the surrounding ocean. Additionally the				

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location DEFENSE FUEL SUPPLY POINT KWAJALEIN ATOLL, MARSHALL ISLANDS			4. Project Title REPLACE FUEL STORAGE TANKS		
5. Program Element 0702976S		6. Category Code 411	7. Project Number DESC1704	8. Project Cost (\$000) 85,500	
<p>existing fuel farm does not meet DoD standards for fuel filtration. The existing fuel operations building regularly floods and does not meet the DoD standards for separation from the refueler parking.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, DFSP Kwajalein will operate with dwindling fuel storage capacities as tanks become unserviceable. Lack of fuel storage capacity will jeopardize support to U. S. Forces in the region and other missions. DoD could incur enforcement actions from non-compliance with EPA requirement.</p> <p>ADDITIONAL: An analysis of the status quo versus providing new fuel storage tanks concluded that replacement of the existing system is the more cost effective and environmentally sound alternative to the mission requirements at DFSP. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components.</p> <p>Unit costs for the facilities for this project vary from UFC 3-701-01 unit costs. This project's costs are based on current A/E estimates for the scope of work.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					11/14
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					No
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					06/15
(e) Date Design Complete:					09/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					03/14
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					2,000
(b) All Other Design Costs					1,000
(c) Total					3,000
(d) Contract					2,800
(e) In-House					200
4. Contract Award					
					04/17
5. Construction Start					
					05/17
6. Construction Complete					
					05/21
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR REQUIRED</u>	<u>AMOUNT (\$000)</u>	
AUTOMATIC TANK GAUGING		DWCF	2017	893	
ENVIRONMENTAL REMEDIATION		DWCF	2017	100	
Point of Contact is DLA General Engineer at 703-767-2326					

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date FEBRUARY 2016		
3. Installation And Location ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM			4. Command DEFENSE LOGISTICS AGENCY			5. Area Construction Cost Index 1.11				
6. PERSONNEL tenant of U.S. Air Force		(1)PERMANENT			(2)STUDENTS			(3)SUPPORTED		(4)TOTAL
		OFF	ENL	CIV	OFF	ENL	CIV	OFF	ENL	
a. AS OF										
b. END FY										
7. INVENTORY DATA (\$000)										
A. TOTAL ACREAGE										
B. INVENTORY TOTAL AS OF 30 SEP 2015										
C. AUTHORIZED NOT YET IN INVENTORY										
D. AUTHORIZATION REQUESTED IN THIS PROGRAM										
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
F. PLANNED IN NEXT THREE PROGRAM YEARS										
G. REMAINING DEFICIENCY										
H. GRAND TOTAL										
13,500										
14,103										
27,603										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
a. CATEGORY						b. COST		c. DESIGN STATUS		
(1)Code	(2) PROJECT TITLE				(3) SCOPE		(\$000)	(1)START	(2)COMPLETE	
121	CONSTRUCT HYDRANT FUEL SYSTEM				4 OL		13,500	12/13	02/16	
9. FUTURE PROJECTS:										
a. INCLUDED IN FOLLOWING PROGRAM										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)		
		NONE								
b. PLANNED IN NEXT FOUR YEARS										
CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE						COST (\$000)		
121	DESC1814	CONSTRUCT HOT PIT HYDRANT SYSTEM						14,103		
10. MISSION OR MAJOR FUNCTION										
The 48th Operations Group provides five squadrons of F-15C/D/E aircraft, HH-60G helicopters, and personnel capable of accomplishing fighter and rescue operations worldwide. It prepares aircrew and support personnel to accomplish war plans and contingency operations for U.S. Air Forces Europe, U.S. European Command, and NATO. This location also supports U.S. Transportation Command.										
Deferred sustainment, restoration, and modernization for fuel facilities at this location is \$8.2 million.										
11. OUTSTANDING POLLTION AND SAFETY DEFICIENCIES: (\$000)										
A. AIR POLLUTION								0		
B. WATER POLLUTION								0		
C. OCCUPATIONAL SAFETY AND HEALTH								0		

1. Component DEFENSE (DLA)	FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEBRUARY 2016
3. Installation and Location ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM		4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM		
5. Program Element 0701111S	6. Category Code 121	7. Project Number DESC1612	8. Project Cost (\$000) 13,500	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES	-	-	-	9,314
HYDRANT OUTLETS (CC 121122)	OL	4	947,500	(3,790)
HYDRANT PIPING (CC 125554)	LF	3,671	962	(3,530)
RUNWAY AND TAXIWAY CROSSING	SY	94	21,213	(1,994)
SUPPORTING FACILITIES	-	-	-	2,300
SITE PREPARATION & IMPROVEMENTS	LS	-	-	(1,500)
PAVEMENTS	LS	-	-	(800)
SUBTOTAL	-	-	-	11,614
CONTINGENCY (5%)	-	-	-	<u>581</u>
ESTIMATED CONTRACT COST	-	-	-	12,195
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%) .	-	-	-	756
DESIGN FOR DESIGN-BUILD (4% OF SUBTOTAL)	-	-	-	<u>488</u>
TOTAL	-	-	-	13,439
TOTAL (ROUNDED)	-	-	-	13,500
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)	-	-	-	(200)
Currency Exchange Rate: £0.6289/\$				
10. Description of Proposed Construction:				
Construct a four-outlet hydrant fueling system extension from existing hydrant loop including 8-inch fuel lines, isolation valve pits, high/low point drains, leak detection/cathodic protection systems and four high reach mobile pantographs. Modify the existing fueling pumps and utilities in the existing pumphouse to accommodate the additional hydrant outlets. Work includes all necessary piping, control systems, cathodic protection, and site work to include a pantograph parking area, antiterrorism / force protection measures, utility connections, emergency generator, and selective demolition of airfield pavements. Provide mitigation of construction impact on endangered species along the pipeline route. Project includes remediation of fuel contaminated soil funded by other appropriation.				
11. REQUIREMENT: 4 Outlets (OL) ADEQUATE: 0 OL SUBSTANDARD: 0 OL				
PROJECT: Construct an extension to an existing pressurized hydrant fuel system. (C)				
REQUIREMENT: There is a need to construct an extension to an existing hydrant fuel system to support mission requirements. Faster refueling of aircraft by a hydrant fuel system is needed to quickly move hazardous cargo and personnel forward to support operations, deployments, and strategic en-route mission requirements.				
CURRENT SITUATION: Aircraft parked on the hazardous cargo aprons are currently refueled via refueler trucks. This method of refueling is too slow to support mission requirements. Wide body aircraft require multiple trucks to meet fuel demands. Round trip distance from fuel storage to the hazardous cargo apron is excessive. As a result, fueling times on the hazardous and non-hazardous cargo apron are over twice as long per aircraft versus by hydrant fuel operations.				

1. Component DEFENSE (DLA)		FY 2017 MILITARY CONSTRUCTION PROJECT DATA		2. Date FEBRUARY 2016	
3. Installation and Location ROYAL AIR FORCE LAKENHEATH, UNITED KINGDOM			4. Project Title CONSTRUCT HYDRANT FUEL SYSTEM		
5. Program Element 0701111S		6. Category Code 121	7. Project Number DESC1612	8. Project Cost (\$000) 13,500	
<p>IMPACT IF NOT PROVIDED: If this project is not provided, time to refuel aircraft may not support successful mission accomplishment. Aircraft servicing operations will continue to experience delays due to limited numbers of refueling personnel and trucks during peak periods. The continued refueling of wide bodied aircraft by trucks will jeopardize the safety of personnel operating and maintaining overburdened equipment during high-demand periods.</p> <p>ADDITIONAL: Construction of a hydrant system extension is the only feasible solution to deliver fuel to wide-bodied aircraft. This project is not part of a NATO capability package and is consequently not eligible for NATO Security Investment Program funding at this time. A precautionary pre-financing statement will be filed so, if the project does become eligible in the future, the U.S. may recoup funds from NATO. This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility has been considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by the other components.</p>					
12. Supplemental Data:					
A. Estimated Design Data:					
1. Status					
(a) Date Design Started:					12/13
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):					Yes
(c) Percent Complete as of September 2015:					35%
(d) Date 35 Percent Complete:					09/15
(e) Date Design Complete:					02/16
(f) Type of Design Contract					D/B/B
2. Basis					
(a) Standard or Definitive Design:					Yes
(b) Date Design was Most Recently Used:					06/03
3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)					
(a) Production of Plans and Specifications					400
(b) All Other Design Costs					275
(c) Total					675
(d) Contract					540
(e) In-House					135
4. Contract Award					
					12/16
5. Construction Start					
					03/17
6. Construction Complete					
					04/18
B. Equipment associated with this project that will be provided from other appropriations:					
<u>PURPOSE</u>		<u>APPROPRIATION</u>	<u>FISCAL YEAR</u> <u>REQUIRED</u>	<u>AMOUNT (\$000)</u>	
ENVIRONMENTAL REMEDIATION		DWCF	2017	200	
Point of Contact is DLA Civil Engineer at 703-767-2326					