Defense Logistics Agency
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Florida				
Eglin Air Force Base				
Upgrade Open Storage Yard	4,100	4,100	C	57
North Carolina				
Seymour Johnson Air Force Base				
Construct Tanker Truck Delivery System	20,000	20,000	C	60
South Carolina				
Shaw Air Force Base				
Consolidate Fuel Facilities	22,900	22,900	C	63
Utah				
Hill Air Force Base				
Replace POL Facilities	20,000	20,000	C	67
Virginia				
Norfolk Naval Station				
Replace Hazardous Materials Warehouse	18,500	18,500	C	71
Norfolk Naval Shipyard Portsmouth				
Replace Hazardous Materials Warehouse	22,500	22,500	C	75
Greece				
Naval Support Activity Souda Bay				
Construct Hydrant System	18,100	18,100	C	79
Guam				
Naval Support Activity Andersen Air Force Base				
Construct Truck Load & Unload Facility	23,900	23,900	C	82
Italy				
Naval Air Station Sigonella				
Construct Hydrant System	22,400	22,400	C	85

Defense Logistics Agency
FY 2018 Military Construction, Defense-Wide
($ in Thousands)

State/Installation/Project	Authorization Request	Approp. Request	New/ Current Mission	Page No.
Japan				
Marine Corps Air Station Iwakuni				
Construct Bulk Storage Tanks Phase 1	30,800	30,800	C	89
Defense Fuel Supply Point Okinawa				
Replace Mooring System	11,900	11,900	C	92
Commander Fleet Activities Sasebo				
Upgrade Fuel Wharf	45,600	45,600	C	95
Total	**260,700**	**260,700**		

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
EGLIN AIR FORCE BASE, FLORIDA	DEFENSE LOGISTICS AGENCY	0.84

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	4,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	5,000
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	9,100

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
451	UPGRADE OPEN STORAGE YARD	27,500 SY	4,100	06/16	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)*
164	20S17	CONSTRUCT SEAWALL N-S	5,000

10. MISSION OR MAJOR FUNCTION

This DLA Disposition Services location at Eglin AFB is a southeast United States area hub for the reutilization and disposal of excess DoD property and material. The Resource Recovery and Recycling Program at Eglin AFB recovers precious metals from goods and administers a demilitarization program which ensures that military property not reused, transferred or donated, is rendered unusable.

Deferred sustainment, restoration, and modernization for facilities at this location is $1.9 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DLA DISPOSITION EGLIN AIR FORCE BASE, FLORIDA	UPGRADE OPEN STORAGE YARD

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	451134	DRMS1701	4,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	3,623
OPEN STORAGE (CC 451134)	SY	27,500	99	(2,723)
STORMWATER RETENTION AREA (CC 841426)	MG	2.3	391,217	(900)
SUPPORTING FACILITIES.....	-	-	-	60
DEMOLITION.....	LS	-	-	(60)
SUBTOTAL.....	-	-	-	3,683
CONTINGENCY (5%).....	-	-	-	184
ESTIMATED CONTRACT COST.....	-	-	-	3,867
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	220
TOTAL	-	-	-	4,087
TOTAL (ROUNDED)	-	-	-	4,100
EQUIPMENT FROM OTHER APPROPRIATIONS				(1,000)

10. Description of Proposed Construction:
Upgrade the existing open storage area to provide new concrete pavement, drainage structures, and stormwater containment basin. Work includes new curbs, site work and demolition.

11. REQUIREMENT: 69,074 Square Yard (SY) **ADEQUATE:** 0 SY **SUBSTANDARD:** 64,185 SY

PROJECT: Upgrade an open storage facility to properly size it and make it compliant with State of Florida stormwater requirements. Regrade site and provide concrete surface and curbing with suitable drainage for the work storage areas. (C)

REQUIREMENT: There is a need to upgrade an open storage area to comply with current State of Florida stormwater management requirements as well as DoD standards to allow for environmentally compliant and safe operations. Provide a stormwater retention basin that provides compliant groundwater retention to protect adjacent Florida state waterways.

CURRENT SITUATION: The existing open storage area is mostly unpaved and in need of improvement. The lot has no provision for drainage; consequently, the area is prone to temporary flooding after heavy rainfall. Standing water can be up to two feet deep. It is difficult to operate material handling equipment safely in these flooded conditions, causing the facility to be in violation of Occupational Safety and Health Standards.

IMPACT IF NOT PROVIDED: Unsafe and difficult working conditions will persist to the point that the facility cannot be used. Material that could be reused will be lost to water damage due to flooding. DLA will continue to make recurring, temporary repairs until a permanent solution to regrade, pave and install a drainage system occurs. This recurring repair cost will eventually out strip the cost of the new permanent construction.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DLA DISPOSITION EGLIN AIR FORCE BASE, FLORIDA	UPGRADE OPEN STORAGE YARD

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	451134	DRMS1701	4,100

ADDITIONAL: This project will meet 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. The site is outside of the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	06/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	95%
(d) Date 35 Percent Complete:	07/16
(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	180
(b) All Other Design Costs	120
(c) Total	300
(d) Contract	250
(e) In-House	50
4. Contract Award	01/18
5. Construction Start	02/18
6. Construction Complete	08/18

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	DEFENSE LOGISTICS AGENCY	0.82

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	20,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	0
G. REMAINING DEFICIENCY	0
H. GRAND TOTAL	20,000

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
126	CONSTRUCT TANKER TRUCK DELIVERY SYSTEM	4 OL	20,000	11/14	10/17

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

The 4th Fighter Wing is the host unit at Seymour Johnson Air Force Base and accomplishes its training and operation missions with 96 F-15E Strike Eagles. Two of the wing's four fighter squadrons are operation units, capable of deploying worldwide on short notice. The other two squadrons train all F-15E aircrew for the Air Force. There are also 16 KC-135R refueling aircraft stationed at Seymour Johnson AFB. Fuel facilities at Seymour Johnson AFB provide essential jet fuel storage and distribution systems to support these missions.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.01 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	CONSTRUCT TANKER TRUCK DELIVERY SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	126925	DESC1801	20,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	13,005
PUMP HOUSE (CC 125977).....	GM	2400	1,483	(6,822)
TRUCK UNLOAD (CC 126926).....	OL	4	1,045,450	(4,182)
TRUCK FILL STANDS (CC 126925).....	OL	4	500,323	(2,001)
SUPPORTING FACILITIES.....	-	-	-	5,035
SITE IMPROVEMENTS.....	LS	-	-	(4,041)
DEMOLITION.....	LS	-	-	(994)
SUBTOTAL.....	-	-	-	18,040
CONTINGENCY (5%).....	-	-	-	902
ESTIMATED CONTRACT COST.....	-	-	-	18,943
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..				1,080
TOTAL	-	-	-	20,022
TOTAL (ROUNDED)	-	-	-	20,000
EQUIPMENT FROM OTHER APPROPRIATIONS				(280)

10. Description of Proposed Construction:
Construct truck unloading and load stand facilities, four unload drop tanks with 400 gallon-per minute pumps and secondary containment, a pump house with simultaneous issue and transfer capabilities, fuel piping, and refueler truck parking area. Provide utilities, storm sewer, pavement, access roads, area lighting, emergency generator, cathodic protection, leak detection, fire protection, communications, site preparation and improvements, canopies for drop tanks and fill stands. Demolish existing pump house, truck offload points, co-located fill stands, and associated fuel lines.

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

PROJECT: Construct Tanker Truck Delivery System. (C)

REQUIREMENT: Provide a tanker truck fuel delivery system capable of simultaneous receipt and delivery. System will be capable of receiving 1,600 Gallons Per Minute (GPM) while simultaneously issuing 2,400 GPM of jet fuel.

CURRENT SITUATION: Delivery of jet fuel to the Base occurs three days a week via commercial tanker trucks and two days a week via transfer pipeline from a rail offloading facility. Rail car availability has steadily declined due to competing commercial demand and ongoing removal from service as they age. As railcar availability decreases, Seymour Johnson AFB must become more reliant on fuel truck delivery. The base’s existing truck loading and unloading stands do not possess the needed capacity to meet the current fuel consumption rate. The system is also not capable of simultaneous fuel receipt and issue. The existing outdated pump house is also in need of replacement with a new facility that meets current operational and safety standards.

IMPACT IF NOT PROVIDED: Without additional unload capability, the existing system will not meet aircraft servicing and operational requirements as rail car/pipeline deliveries

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SEYMOUR JOHNSON AIR FORCE BASE, NORTH CAROLINA	CONSTRUCT TANKER TRUCK DELIVERY SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	126925	DESC1801	20,000

decrease. The 4th Fighter Wing and 916th Air Refueling Wing provide support to CENTCOM, PACOM, SOUTHCOM, and STRATCOM. The mission of these units will be impacted if the tank truck unload capability is not addressed and improved. The Base also supports Operation Noble Eagle and National Airborne Operations Center missions. Both of these missions will be affected if unload and load capability is not increased.

ADDITIONAL: An analysis considered several alternatives for providing fuel for the missions at Seymour Johnson AFB. Construction of new fuel facilities was the most cost effective solution. This project will meet all applicable DoD criteria to include cyber-security. 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. This site is outside of the 100-year floodplain.

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):	Yes
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	10/17
(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	450
(c) Total	1,450
(d) Contract	0
(e) In-House	1,450
4. Contract Award	01/18
5. Construction Start	03/18
6. Construction Complete	12/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Automated Tank Gauging	DWCF	2018	50
Contaminated Soils Disposal	DWCF	2018	230

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
SHAW AIR FORCE BASE, SOUTH CAROLINA	DEFENSE LOGISTICS AGENCY	0.87

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	22,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	29,500
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	52,400

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	Consolidate Fuel Facilities	4 OL	22,900	04/16	08/17

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	DESC2016	CONSTRUCT TYPE IV HYDRANT SYSTEM	29,500

10. MISSION OR MAJOR FUNCTION

Shaw Air Force Base, S.C., is home to the 20th Fighter Wing (FW). Shaw's current aircraft include 85 F-16CJ Fighting Falcons. The wing's three fighter squadrons train to perform suppression or destruction of enemy air defenses (SEAD), air-to-air, air-to-ground and close air support. The 20th FW is the only SEAD or "Wild Weasel" wing in the continental United States, and the largest F-16 combat wing in the U.S. Air Force. These fuel facilities provide essential storage and distribution systems to support the missions of assigned units at Shaw Air Force Base.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.05 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SHAW AIR FORCE BASE, SOUTH CAROLINA	CONSOLIDATE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126925	DESC1608	22,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	10,763
PUMP HOUSE (CC 125977)	GM	600	6,900	(4,140)
TRUCK FILL STAND (CC 126925)	OL	4	743,464	(2,974)
PIPING (CC 125554)	LF	1,815	1,016	(1,844)
POL OPERATIONS BUILDING (CC 121111)	SF	6,467	279	(1,805)
SUPPORTING FACILITIES	-	-	-	9,815
SITE IMPROVEMENTS	LS	-	-	(6,823)
UPGRADE TANKS 27-29	LS	-	-	(1,381)
SITE ELECTRICAL UTILITIES	LS	-	-	(923)
SITE DEMOLITION & RELOCATION	LS	-	-	(483)
REMEDIATION SYSTEM PROTECTION	LS	-	-	(205)
SUBTOTAL	-	-	-	20,578
CONTINGENCY (5%)	-	-	-	1,029
ESTIMATED CONTRACT COST	-	-	-	21,607
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7)	-	-	-	1,232
TOTAL	-	-	-	22,839
TOTAL (ROUNDED)	-	-	-	22,900
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(3,330)

10. Description of Proposed Construction:
Construct four 600-GPM Jet Fuel Truck Fill Stands with canopies to replace four existing truck fill stands. Construct a new pump house with pumps, control room, filter separators, piping, product recovery tanks, upgrade fuel storage tanks 27, 28 & 29, construct refueler truck parking for seventeen R-11 fuel trucks and three C-301 tanker trucks, and a new POL operations facility. Existing Buildings 1725, 112, 101 and two small ancillary buildings will be demolished and consolidated in the new POL operations facility located at the bulk fuel area.

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

PROJECT: Replace and consolidate an obsolete fuel system with a modern system with fill stands, pump house and operations building. (C)

REQUIREMENT: The existing bulk fuel facility requires properly sized refueler truck fill stands, associated piping and pumping systems. These new facilities will replace substandard, low capacity truck fill stands that support fueling of small and large frame aircraft.

CURRENT SITUATION: The fuel facilities at Shaw AFB are currently divided between two operating areas. The Bulk Storage area at the southern end of the base includes the truck and

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SHAW AIR FORCE BASE, SOUTH CAROLINA	CONSOLIDATE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126925	DESC1608	22,900

rail fuel receipt facility, three aboveground fuel storage tanks, fuel issue and receipt equipment pad, four truck fill stand positions, and POL Operations Building 112. A contractor-operated refueler maintenance facility (building 118) is also located in this area. The second fuels operating area is located approximately 2 miles away, at the northern end of the base. This includes building 1725 (Fuels Management, Laboratory, Operations), building 1717 (training and support), and the main refueler parking area with a refueler checkout station and canopy. To promote efficiency and better support the bases mission these two fuel logistics areas need to be combined.

The current fuels buildings and facilities are 40+ years old and are generally in poor condition. There are many functional, safety, and environmental related deficiencies and criteria violations: loading stand flowrate is insufficient, spill containment is undersized, tank piping is undersized, filtration capacity is undersized, the fuels laboratory is located several miles from the main fueling areas resulting in significant fuel testing delays. The laboratory is also undersized and poorly configured, lacks adequate ventilation, and does not meet fire codes. The fuel facilities do not meet anti-terrorism force protection setback requirements.

IMPACT IF NOT PROVIDED: Over 40,000 man-hours per year are expended filling trucks using the existing load stands. New, high flow-rate fill stands will reduce fill time by half and reduce fuel truck turn-around times. Improved fuel truck turn-around times will enhance both training sortie effectiveness and the ability of the Air Force and other services to maintain mission readiness.

ADDITIONAL: This project meets Air Force facility requirements criteria and all applicable DoD criteria to include cyber-security requirements. A construction phasing plan is required in order to keep at least one bulk fuel tank in operation at all times. This site is outside of the 100-year floodplain.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	04/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	NO
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	08/17
(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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
SHAW AIR FORCE BASE, SOUTH CAROLINA	CONSOLIDATE FUEL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	126925	DESC1608	22,900

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,162
(b) All Other Design Costs	613
(c) Total	1,775
(d) Contract	1,515
(e) In-House	147
4. Contract Award	04/18
5. Construction Start	05/18
6. Construction Complete	11/19

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Furniture	DWCF	2018	130
Security/Access Control System	DWCF	2018	200
Rack System & MHE	DWCF	2018	3,000

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
HILL AIR FORCE BASE, UTAH	DEFENSE LOGISTICS AGENCY	1.03

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	20,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	20,000

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	REPLACE POL FACILITIES	800 GM	20,000	01/15	11/17

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

Hill Air Force Base is the home of the active duty 388th and reserve 419th Fighter Wings flying the F-35 and F-16 respectively. They prepare to deploy worldwide to conduct air-to-air and air-to-ground combat operations. Hill AFB is also home to the Ogden Air Logistics Complex that provides logistics, support, maintenance and distribution for the F-35 Lightning II, F-22 Raptor, F-16 Fighting Falcon and A-10 Thunderbolt. In addition, it maintains the C-130 Hercules, T-38 Talon and other weapon systems, as well as the Minuteman III ICBM. These fuel facilities provide essential fuel distribution systems to support the missions of assigned units at Hill Air Force Base.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.07 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
HILL AIR FORCE BASE, UTAH	REPLACE POL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125210	DESC1802	20,000

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	14,282
POL PIPING (CC 125210).....	LF	6,000	1,430	(8,580)
PUMP HOUSE (CC 125977).....	GM	800	5,643	(4,514)
TRUCK FILL STAND (CC 126925).....	OL	2	159,000	(318)
TRUCK UNLOAD (CC 126926).....	OL	2	435,000	(870)
SUPPORTING FACILITIES.....	-	-	-	3,699
SITE PREP AND IMPROVEMENTS.....	LS	-	-	(1,669)
ELECTRICAL UTILITIES.....	LS	-	-	(1,446)
DEMOLITION.....	LS	-	-	(584)
SUBTOTAL.....	-	-	-	17,981
CONTINGENCY (5%).....	-	-	-	899
ESTIMATED CONTRACT COST.....	-	-	-	18,880
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	1,076
TOTAL	-	-	-	19,956
TOTAL (ROUNDED)	-	-	-	20,000
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(300)

10. Description of Proposed Construction:
Construct a fuel distribution system and pump house to replace existing piping and pump house (building 870). Facility shall support two 800-GPM fuel transfer and four 600-GPM truck load/unload pumps with hoist system for pump maintenance; filter separators, emergency eyewash station, and control room with emergency shut-off, restroom, intrusion detection, and fire suppression system. Project shall provide two fuel manifolds and associated piping and connections, product recovery tank, two truck load stands with loading arms, two truck unload stands with pump extensions and canopies. Project includes demolition and replacement of above ground site-wide issue and receipt piping and pipe supports, provide leak detection and cathodic protection for underground piping sections, upgrade nozzle sizes at tanks. Demolish building 870 and existing fuel lines, manifolds and valves as needed. Provide all supporting facilities including utility upgrades, site improvements, communication support, lightning protection, and an access drive and paved loading areas for a complete and usable system.

11. REQUIREMENT: 800 GM **ADEQUATE:** 0 **SUBSTANDARD:** 600 GM

PROJECT: Replace POL Pump House, provide load and unload stands. (C)

REQUIREMENT: Hill AFB requires a modern, adequately sized system to ensure safe and timely fuel delivery at the lowest possible cost.

CURRENT SITUATION: Existing system, pumps and piping are antiquated and the system requires replacement. Existing above ground piping is undersized and lacks anti-corrosion coating.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
HILL AIR FORCE BASE, UTAH	REPLACE POL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125210	DESC1802	20,000

Piping is susceptible to failure under pressure. The existing pump house is deteriorating. The pump house provides only marginal protection from inclement weather. The pump house capacity is not capable of supporting efficient fuel transfer operations. The truck stands do not support efficient unloading, especially during inclement weather or during unloading of oversized tractor-trailer trucks. Single truck unloading results in long delays and awaiting tanker trucks routinely cause traffic congestion near the site entrance.

IMPACT IF NOT PROVIDED: Without this project, the demands on the fuel distribution and return system will negatively impact system efficiency and timely delivery of fuel. New piping must be installed or the continued use of the 800-GPM pumps will stress the existing undersized piping and increase the likelihood of pipe failure. A pipe failure could result in a large fuel spill and place personnel and base housing occupants located in close proximity at risk. A fuel spill will require extensive cleanup and remediation costs, affect aircraft training sorties, potential overseas deployments & missions could be cancelled or delayed in the event of a system failure. The poor condition of the pump house will continue to degrade and expose electronic circuitry housed within, to the elements. The existing truck stands do not allow efficient fuel unload from tractor-trailer trucks. Single truck unloading is necessary, often resulting in long delays. Awaiting tanker trucks routinely cause traffic congestion near the site entrance. Slow and inefficient fuel truck unload operations will continue to affect the ability of the 75th LRS to effectively support the fuels mission.

ADDITIONAL: This project will meet applicable AFMAN, UFC and DoD criteria to include cyber-security. This project will integrate sustainable principles into design and construction. The site is outside of the 100-year floodplain.

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):	YES
(c) Percent Complete as of January 2017:	100%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	12/16
(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)	1,217
(a) Production of Plans and Specifications	625
(b) All Other Design Costs	592
(c) Total	1,217
(d) Contract	
(e) In-House	
4. Contract Award	01/18
5. Construction Start	02/18
6. Construction Complete	10/20
B. Equipment associated with this project that will be provided from other appropriations:	

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
HILL AIR FORCE BASE, UTAH	REPLACE POL FACILITIES

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	125210	DESC1802	20,000

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
CONTAMINATED SOILS DISPOSAL	3400	2018	100
AUTOMATED TANK GAUGING	DWCF	2018	200

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
DLA DISTRIBUTION NORFOLK NAVAL STATION, NORFOLK, VA	DEFENSE LOGISTICS AGENCY	0.90

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	18,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	18,500

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
441	REPLACE HAZARDOUS MATERIALS WAREHOUSE	49,686 SF	18,500	10/16	11/17

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

DLA has the primary mission to provide distribution services and tailored logistics solutions of the highest quality on time and at the best value to the Warfighter and other customers. The DLA warehouse missions on Naval Station (NAVSTA) Norfolk include all naval shore activities east of the Mississippi River, namely the Atlantic and Mediterranean Fleets, North Atlantic Treaty Organization (NATO) activities, and local Army and Air Force Bases.

Deferred sustainment, restoration, and modernization for facilities at this location is $10 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL STATION, NORFOLK, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1801	18,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	8,894
HAZMAT WAREHOUSE & ADMIN NAVSTA (CC 44130).....	SF	35,904	207	(7,432)
GAS CYLINDER STORAGE SHED NAVSTA (CC 44135).....	SF	13,000	95	(1,235)
FORKLIFT STORAGE SHED (CC 44135).....	SF	682	268	(183)
GATE HOUSE NAVSTA (CC 73025).....	SF	100	440	(44)
SUPPORTING FACILITIES.....	-	-	-	7,774
SITE PREP, PAVING & IMPROVEMENTS.....	LS	-	-	(2,797)
SPECIAL FOUNDATIONS.....	LS	-	-	(2,038)
SITE UTILITIES.....	LS	-	-	(1,891)
DEMOLITION.....	LS	-	-	(1,048)
SUBTOTAL.....	-	-	-	16,668
CONTINGENCY (5%)	-	-	-	833
ESTIMATED CONTRACT COST	-	-	-	17,501
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)..	-	-	-	998
TOTAL.....	-	-	-	18,499
TOTAL (ROUNDED)	-	-	-	18,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,670)

10. Description of Proposed Construction:

Construct a non-combustible Hazardous Materials (HAZMAT) Warehouse. It will include sufficient clear stacking height storage, concrete floors at dock height, weather-sealed truck doors, loading docks with dock levelers, shipping and receiving areas, admin office space, restrooms with lockers, employee lunch/break/training room, and utility spaces. The project will also include a gas cylinder storage shed with forklift storage and charging capability. Supporting facilities include site improvements, dumpster enclosures, utilities, fire protection, storm drainage, site information systems, site lighting, paving (access roadways, hardstand aprons, parking), fencing, walks, landscaping, and related improvements. Provide aboveground fire protection water storage tank(s) and associated fire pumps, piping, etc. Site work includes improvements to parking areas to replace displaced parking.

Demolition at NAVSTA Norfolk includes a portion of existing warehouse CEP-156 (approx. 110,668 SF, FCI=67), the adjacent gatehouse CEP-180 (approx. 108 SF, FCI=76) and the existing gas cylinder storage shed (Shed X380, approx. 67,300 SF, FCI=64). The existing warehouse will return to the host installation for reuse.

11. REQUIREMENT: 105,600 Square Feet (SF) **ADEQUATE:** 0 SF **SUBSTANDARD:** 201,792 SF

PROJECT: Construct modern hazmat warehouse with appropriate administrative areas, gas cylinder storage and forklift storage and charging facilities. (C)

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL STATION, NORFOLK, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1801	18,500

REQUIREMENT: This new HAZMAT warehouse will store oxidizers, corrosives and flammable items. Provide modern, 'state of the art' conforming storage facilities for hazardous materials. Current facilities do not meet modern fire or life-safety code requirements. DLA Distribution Norfolk supports naval shore activities east of the Mississippi River, and the Atlantic and Mediterranean Fleets. Customers include ships, aircraft carriers, destroyers, submarines, major Navy industrial activities and shore establishments. DLA also provides support to local Air Force and Army installations. DLA Distribution serves as the main supply point for the U.S. Navy supporting the North Atlantic Treaty Organization (NATO).

CURRENT SITUATION: DLA Distribution Norfolk's existing HAZMAT Warehouse facilities are World War II-era structures that are inefficient, and were not designed for HAZMAT warehouse operations. They lack proper safety and fire suppression systems and lack necessary HAZMAT storage capacity. The capacity shortage cannot be resolved by renovation and the cost to refit safety and fire suppression systems exceeds cost guidelines for building replacement. The existing gas cylinder storage shed, building 380, is not compliant with fire suppression requirements and the roof and structure are in very poor condition.

IMPACT IF NOT PROVIDED: If this project is not provided, DLA Distribution Norfolk will continue storing hazardous materials in non-conforming storage facilities that do not meet current life safety/fire safety code requirements. The Depot's HAZMAT warehouse facility will continue to have inadequate capacity as well as have insufficient egress, noncompliant firewalls, inadequate fire suppression systems, fire alarms, and inadequate ventilation. In addition, the Depot's gas cylinder storage facility will continue to be deficient due to the lack of required fire suppression systems.

ADDITIONAL: This project has been coordinated with the NAVSTA Norfolk installation engineers and planners for integration of utilities and the installation's long-range master plan. Coordination of installation physical security plan and required physical security measures are included. Alternative methods were explored during the project development and this project is the only feasible option to meet the requirement. The project will integrate sustainable principles, including life-cycle cost effective practices and low impact development into the development, design, and construction. This project will meet all applicable DoD criteria to include cyber-security. The project site appears to lie within the 100-year floodplain, however flood mitigation measures will be incorporated into the design and building finished floor elevations will be located above the 100-year flood elevation.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of January 2017:	15%
(d) Date 35 Percent Complete:	04/17
(e) Date Design Complete:	11/17
(f) Type of Design Contract	D/B/B

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL STATION, NORFOLK, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1801	18,500

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	1,150
(b) All Other Design Costs	650
(c) Total	1,755
(d) Contract	1,432
(e) In-House	323
4. Contract Award	06/18
5. Construction Start	07/18
6. Construction Complete	05/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Furniture	DWCF	2018	65
Security/Access Control System	DWCF	2018	100
Rack System & MHE	DWCF	2018	1,500
Info Sys	DWCF	2018	5

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	DEFENSE LOGISTICS AGENCY	0.90

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	22,500
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	22,500

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
441	REPLACE HAZARDOUS MATERIALS WAREHOUSE	62,182 SF	22,500	10/16	11/17

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

DLA has the primary mission to provide distribution services and tailored logistics solutions of the highest quality on time and at the best value to the Warfighter and other customers. The DLA mission on the Norfolk Naval Shipyard (NNSY) supports one of the largest shipyards in the world and is focused on United States (U.S.) Navy ship and submarine maintenance, repair, and refit.

Deferred sustainment, restoration, and modernization for facilities at this location is $0.5 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1802	22,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	11,916
HAZMAT WAREHOUSE & ADMIN NNSY (CC 44130)	SF	52,500	207	(10,878)
GAS CYLINDER STORAGE SHED NNSY (CC 44135)	SF	9,000	95	(855)
FORKLIFT STORAGE SHED (CC 44135)	SF	682	268	(183)
SUPPORTING FACILITIES	-	-	-	8,287
SITE PREP, PAVING & IMPROVEMENTS	LS	-	-	(2,797)
SPECIAL FOUNDATIONS	LS	-	-	(2,551)
SITE UTILITIES	LS	-	-	(1,891)
DEMOLITION	LS	-	-	(1,048)
SUBTOTAL	-	-	-	20,203
CONTINGENCY (5%)	-	-	-	1,010
ESTIMATED CONTRACT COST	-	-	-	21,213
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (5.7%)	-	-	-	1,209
TOTAL	-	-	-	22,422
TOTAL (ROUNDED)	-	-	-	22,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,670)

10. Description of Proposed Construction:

Construct a non-combustible Hazardous Materials (HAZMAT) Warehouse. It will include sufficient clear stacking height storage, concrete floors at dock height, weather-sealed truck doors, loading docks with dock levelers, shipping and receiving areas, admin office space, restrooms with lockers, employee lunch/break/training room, and utility spaces. The project will also include a gas cylinder storage shed with forklift storage and charging capability. Supporting facilities include site improvements, dumpster enclosures, utilities, fire protection, storm drainage, site information systems, site lighting, paving (access roadways, hardstand aprons, parking), fencing, walks, landscaping, and related improvements. Provide aboveground fire protection water storage tank(s) and associated fire pumps, piping, etc. Site work includes improvements to parking areas to replace displaced parking.

Relocate ready service lockers (RSL's) and demolish gas cylinder storage shed (Shed 1567, approx. 15,400 SF, FCI=76) and a shed area office (approx. 96 SF).

11. REQUIREMENT: 105,600 Square Feet (SF) **ADEQUATE:** 0 SF **SUBSTANDARD:** 201,792 SF

PROJECT: Construct a modern hazmat warehouse with appropriate administration areas, gas cylinder storage and forklift storage & charging facilities. (C)

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1802	22,500

REQUIREMENT: This new HAZMAT warehouse will store oxidizers, corrosives and flammable items. Provide a modern 'state of the art' conforming storage facilities for hazardous materials to replace facilities that do not meet current fire or life-safety code requirements. DLA Distribution Norfolk supports naval shore activities east of the Mississippi River, and the Atlantic and Mediterranean Fleets. The customer base includes all naval vessels, major Navy industrial activities and shore establishments. DLA supports local Air Force and Army installations as well. DLA Distribution serves as the main supply point for the U.S. Navy supporting the North Atlantic Treaty Organization (NATO).

CURRENT SITUATION: DLA Distribution Norfolk's existing HAZMAT Warehouse facilities located at NNSY are World War II-era structures that are inefficient and were not designed for HAZMAT warehouse operations. They lack proper safety and fire suppression systems and do not have the required storage capacity. The capacity shortage cannot be resolved by renovation and the cost to refit safety and fire suppression systems exceeds cost guidelines for building replacement. The existing gas cylinder storage shed is not compliant with fire suppression requirements. The existing warehouse will be returned to the host installation for reuse and the gas cylinder storage shed will be demolished.

IMPACT IF NOT PROVIDED: If this project is not provided, DLA Distribution Norfolk will continue storing hazardous materials in non-conforming storage facilities that do not meet current life safety/fire safety code requirements. The Depot's HAZMAT warehouse facilities will continue to have inadequate capacity, insufficient egress, noncompliant firewalls, inadequate fire suppression systems, fire alarms, and inadequate ventilation. The gas cylinder storage facilities will be deficient due to the lack of required fire suppression systems.

ADDITIONAL: This project has been coordinated with the NNSY installation engineers and planners for integration of utilities and the installation's long-range master plan. Coordination of installation physical security plan and required physical security measures are included. Alternative methods were explored during project development and this project is the only feasible option to meet the requirement. The project will integrate sustainable principles, including life-cycle cost effective practices and low impact development into the design, and construction. This project will meet all applicable DoD criteria to include cyber-security. The project site appears to lie within the 100-year floodplain. Flood mitigation measures will be incorporated into the design and building finished-floor elevations will be located above the 100-year flood elevation.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of January 2017:	15%
(d) Date 35 Percent Complete:	04/17
(e) Date Design Complete:	11/17
(f) Type of Design Contract	D/B/B

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VA	REPLACE HAZARDOUS MATERIALS WAREHOUSE

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	44130	DDNV1802	22,500

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	1,391
(b) All Other Design Costs	735
(c) Total	2,126
(d) Contract	1,803
(e) In-House	323
4. Contract Award	06/18
5. Construction Start	07/18
6. Construction Complete	05/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Furniture	DWCF	2018	65
Security/Access Control System	DWCF	2018	100
Rack System & MHE	DWCF	2018	1,500
Info Sys	DWCF	2018	5

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
NSA SOUDA BAY, CRETE, GREECE	DEFENSE LOGISTICS AGENCY	1.13

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	18,100
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	18,100

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
125	CONSTRUCT HYDRANT SYSTEM	10 OL	18,100	06/17	06/19

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

The mission of Naval Support Activity (NSA) Souda Bay is to extend Joint and Fleet warfighting capability through operational support to U.S., Allied and Coalition Forces deployed within the EUCOM/CENTCOM/AFRICOM AORs. NSA Souda Bay serves a wide range of military aircraft and must be capable of accommodating a diverse fleet mix on the ground at any given time. These aircraft include KC-135s, P-3, C-130, C-17, C-5 and B747s. These fuel facilities provide essential fuel distribution systems to support the missions at NSA Souda Bay.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.23 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NSA SOUDA BAY, CRETE, GREECE	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1703	18,100

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	14,234
PIPING (CC 12521)	LF	5,000	1,712	(8,560)
HYDRANTS (CC 12110)	OL	10	567,400	(5,674)
SUPPORTING FACILITIES	-	-	-	1,935
SITE IMPROVEMENTS & UTILITIES	LS	-	-	(1,656)
DEMOLITION	LS	-	-	(279)
SUBTOTAL	-	-	-	16,169
CONTINGENCY (5%)	-	-	-	808
ESTIMATED CONTRACT COST	-	-	-	16,977
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	1,104
TOTAL		-	-	18,081
TOTAL (ROUNDED)				18,100
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,344)

Currency Exchange Rate: €0.9104/$

10. Description of Proposed Construction:
Construct ten hydrant fueling pits, new fuel issue and return lines and piping loops as required to supply the hydrant stations with fuel and return to the tanks. Project includes pantograph flush/checkout stands, pantograph storage area, issue piping that meets UFC specifications, carbon steel return line piping, cathodic protection, valve pits, electrical vaults, fencing, gates, utilities, roadways, site lighting and related work. Modify existing leak detection system to accommodate new underground piping.

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

PROJECT: Construct new hydrant fueling system with pits and piping in accordance with military petroleum fuel facilities standards. (C)

REQUIREMENT: Naval Supply Activity Souda Bay Airfield Capabilities plan dated 30 October 2012 identifies a requirement to provide adequate and efficient refueling of aircraft transiting the Mediterranean.

CURRENT SITUATION: NSA Souda Bay's taxiway and fuel system were originally designed to support small body fighter aircraft with a crescent shaped taxiway and five aboveground fixed pantograph refueling stations. As the mission and type of aircraft supported has changed to large body aircraft, the fueling capacity and capability requirements have also changed. The Airfield Capability Study determined that fifteen parking spaces are required for large body aircraft. Five parking spaces were constructed by Navy MILCON P-907, which is slated for completion in 2017. Navy MILCON project P-911 will be constructed concurrent with this fuels MILCON project and will further expand the apron and reconfigure the parking to provide four C-17 parking spaces, five KC-46A parking spaces, and one C-5 parking space. The current

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NSA SOUDA BAY, CRETE, GREECE	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1703	18,100

refueling stations configuration is inefficient and impractical due to the size of the aircraft, the layout of the taxiways and the operational tempo required during a wartime event. One in-ground refueling hydrant pit will be placed at each proposed parking space to increase refueling efficiency.

IMPACT IF NOT PROVIDED: NSA Souda Bay is an operational and logistical support base in the Mediterranean. Its mission is to refuel US and NATO aircraft transiting to the Mediterranean. The fuel delivery systems are not configured to support the current parking plan or the larger aircraft in an efficient and timely manner. Failure to provide the additional fueling stations will result in continued long turnaround times for aircraft, require additional personnel, and jeopardize mission accomplishment during peak wartime air operations.

ADDITIONAL: Design will comply with UFC Petroleum Fuel Facilities design. This project will meet all applicable DoD criteria to include cyber-security. A NATO funding package has been submitted for this project.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	10/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	No
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	11/16
(e) Date Design Complete:	06/17
(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	
(b) All Other Design Costs	
(c) Total	$1,052
(d) Contract	$1,001
(e) In-House	$51
4. Contract Award	11/17
5. Construction Start	12/17
6. Construction Complete	01/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
ANDERSEN AIR FORCE BASE, GUAM	DEFENSE LOGISTICS AGENCY	2.54

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	23,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	9,400
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	33,300

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 LOAD & UNLOAD FACILITY	6 OL	23,900	01/15	05/17

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)*
125	DESC1908	CONSTRUCT REFUELING FACILITIES XRAY WHARF	9,400

10. MISSION OR MAJOR FUNCTION

The 36th Wing operates Andersen Air Force Base (AFB) via its subordinate 36th Mission Support and Medical Groups; it provides power projection through an attached, rotational bomber force via the 36th Operations and Maintenance Groups and provides rapid air base opening and initial air base operations via the 36th Contingency Response Group. These fuel facilities provide essential fuel distribution systems to support the missions of units at Andersen AFB.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $0.04 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	CONSTRUCT TRUCK LOAD & UNLOAD FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12640	DESC1709	23,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	4,329
FUEL TRUCK UNLOADING (CC 12640).....	OL	6	462,232	(2,773)
FUEL TRUCK LOADING (CC 12630).....	OL	2	462,232	(924)
GENERATOR/ELECTRICAL BUILDING (CC 81159).....	SF	1,050	602	(632)
SUPPORTING FACILITIES.....	-	-	-	17,089
CIVIL/MECH UTILITIES.....	LS	-	-	(11,887)
SITE IMPROVEMENTS & PAVEMENTS.....	LS	-	-	(2,749)
ELECTRICAL UTILITIES.....	LS	-	-	(2,453)
SUBTOTAL.....	-	-	-	21,418
CONTINGENCY (5%).....	-	-	-	1,071
ESTIMATED CONTRACT COST.....	-	-	-	22,489
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%)..	-	-	-	1,394
TOTAL	-	-	-	23,883
TOTAL (ROUNDED)	-	-	-	23,900
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	0

10. Description of Proposed Construction:
Construct a six position fuel truck unload facility, with two of the six positions capable of dispensing fuel. Provide new underground piping, valves, fittings, flanges and other supporting appurtenances from the new unload facility to the existing manifold and filtration system. Provide fuel truck un-loading/loading pumps, piping and equipment for all positions. Construct a canopy for the system and a fuel truck parking area with spill containment. Widen the existing entrance roadways. Construct a new electrical/ generator building to house a backup generator with transfer switches, electrical control systems, switchboards and other supporting electrical equipment. Provide all supporting civil, mechanical and electrical utilities to include but not limited to electrical service, backup power, lighting, communications, cathodic protection, lightning protection, fire protection, drainage & storm water management, parking areas, access roads, sidewalks, fencing, gates, and landscaping.

11. REQUIREMENT: 6 Outlets (OL) **ADEQUATE:** 0 OL **SUBSTANDARD:** 0 OL

PROJECT: Construct a fuel truck load and unload facility. (C)

REQUIREMENT: A fuel truck load and unload facility that will accommodate six commercial trucks to provide Andersen AFB with a redundant capability to transfer jet fuel using commercial over the road tanker trucks. Simultaneous unloading requirement is for a total of 3,600-GPM, and a loading capability of 1,200-GPM. This project will provide Andersen AFB necessary resiliency by constructing an additional transfer mode to ensure adequate fuel supply in case of emergency pipeline downtime.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
ANDERSEN AIR FORCE BASE, GUAM	CONSTRUCT TRUCK LOAD & UNLOAD FACILITY

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12640	DESC1709	23,900

CURRENT SITUATION: The existing truck unload facility does not have the necessary fuel unload capacity to meet contingency fuel requirements. If the main fuel supply pipeline were to fail the base could not receive sufficient fuel quickly enough to keep up with peak fuel demands. AAFB does not have immediate repair capability in the event that the supply pipeline is damaged, requires repair, or necessary maintenance requirements.

IMPACT IF NOT PROVIDED: Andersen AFB will continue to lack redundant fuel supply capability and will not meet the required resiliency requirements. Without this facility in place, fuel supply could be seriously interrupted or degraded, adversely impacting mission capability and could result in significant disruption of operations.

ADDITIONAL: This facility can be used by other components on an "as available" basis; however, the scope of this project is based on Air Force requirements. This project will meet all applicable DoD criteria to include cyber-security.

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):	Yes
(c) Percent Complete as of January 2017:	50%
(d) Date 35 Percent Complete:	08/15
(e) Date Design Complete:	05/17
(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	$13
(b) All Other Design Costs	$111
(c) Total	$1,778
(d) Contract	$1,033
(e) In-House	$745
4. Contract Award	06/18
5. Construction Start	07/18
6. Construction Complete	12/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
NAS SIGONELLA, ITALY	DEFENSE LOGISTICS AGENCY	1.35

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	22,400
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	22,400

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	CONSTRUCT HYDRANT SYSTEM	7 OL	22,400	5/15	1/17

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

The primary mission of Naval Air Station (NAS) Sigonella is to provide consolidated operational, command and control, administrative, logistical and advanced logistical support to U.S. and other NATO forces. NAS Sigonella supports a rotation of various squadrons and multi-service, multi-national transient aircraft. Additionally, this station is the routing point for transiting military personnel and cargo movements throughout Europe, Africa and Southwest Asia. These fuel facilities provide essential fuel distribution systems to support the missions of assigned units at NAS Sigonella.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $1.4 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NAS SIGONELLA, ITALY	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1804	22,400

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	13,934
HYDRANT PIPING (CC 12521)	LF	8,800	1,117	(9,827)
HYDRANT OUTLETS (CC 12110)	OL	7	586,468	(4,105)
PANTOGRAPH FLUSH CHECKOUT & STORAGE	EA	4	468	(2)
SUPPORTING FACILITIES.....	-	-	-	6,126
DEMOLITION.....	LS	-	-	(2,205)
ELECTRICAL UTILITIES.....	LS	-	-	(2,026)
SITE IMPROVEMENTS & PAVING.....	LS	-	-	(1,453)
SITE CIVIL, MECHANICAL.....	LS	-	-	(442)
SUBTOTAL.....	-	-	-	20,060
CONTINGENCY (5%).....	-	-	-	1,003
ESTIMATED CONTRACT COST.....	-	-	-	21,063
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.2%)..	-	-	-	1,306
TOTAL	-	-	-	22,369
TOTAL (ROUNDED)		-	-	22,400
EQUIPMENT FROM OTHER APPROPRIATIONS				(906)

10. Description of Proposed Construction:
This project will replace an aging and inadequate jet fuel hydrant system and piping loop at Naval Air Station Sigonella (NASSIG). The new system will provide a new hydrant system and piping loop, refueling pits, pumps and control panel that service fueling operations on ramps 1, 2 and 3. The new piping system will provide a pantograph flushing capability and checkout stand facility near a new pantograph parking/storage area. New pavement will allow 'pull through' pantograph flushing and storage. Work includes all necessary pumps, control systems, leak detection system, cathodic protection, site work, utility connections and related work. Provide pavement widening as needed for fire truck access, provide fire protection per UFC requirements. Demolish or decommission existing valve pits, piping & equipment, existing pump control panel and related electrical controls. Project includes remediation of fuel-contaminated soil funded by other appropriations.

11. REQUIREMENT: 7 Outlets(OL) **ADEQUATE:** XX **SUBSTANDARD:** 3 OL

PROJECT: Replace inadequate hydrant system with a modern fuel system properly designed for reconfigured aircraft parking. (C)

REQUIREMENT: NASSIG is required to provide adequate and timely refueling of aircraft transiting to the Mediterranean.

CURRENT SITUATION: The existing hydrant system was constructed several decades ago, and was modified and extended in 2001. The hydrant loop piping has a history of internal corrosion

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NAS SIGONELLA, ITALY	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1804	22,400

issues and an insufficient number of refueling stations. The hydrants are inaccessible from the current aircraft parking plan and has a system configuration that makes the use of the pantographs time consuming and labor intensive.

NASSIG's apron and hydrant system were originally designed to support fewer aircraft with fewer parking spaces. As the mission and quantity of aircraft supported has increased, the apron parking plan has changed to accommodate the increase in air traffic. The location of the three existing hydrant pits does not work with the reconfigured aircraft parking plan.

Two separate pantograph storage areas store two pantographs each. Both pantograph storage areas require the pantographs be pushed into place by hand for storage. There is no pantograph flush/checkout stand, so the pantographs must be towed to a hydrant pit for flushing. Aircraft refueling occurs via refueler trucks due to current hydrant system issues. Hydrant systems refuel large aircraft faster than using refueler trucks because they eliminate the time it takes for the trucks to connect/disconnect from the hydrant pit and aircraft, transit to and from the truck fill stand, as well as the time to refuel the truck. During peak operations the base can host up to 25 different aircraft per day, with approximately half of them requiring a quick turnaround (defined as leaving the same day). NASSIG hosts a wide variety of aircraft, but the majority are large frame aircraft such as C-17s and C-5s. Air Operations records also indicate that there have been multiple mission delays associated with refueling. In addition, providing pull through pantograph parking with adjacent pantograph flush/checkout station will facilitate the use of the pantographs and improve efficiency of fueling operations.

IMPACT IF NOT PROVIDED: NASSIG is an operational and logistical support base whose mission is to refuel US and NATO aircraft transiting to the Mediterranean. The existing fuel system is incompatible with the current parking plan and is inefficient in fueling larger aircraft that transit Sigonella. There is a history of fuels related delays to the mission. Failure to provide the additional fueling stations will result in continued long turnaround times for aircraft and require additional personnel during wartime effort/peak air operations. This would negatively impact the COCOM's ability to support tasked OPLAN/CONPLANs and could result in mission delays or mission failure.

ADDITIONAL: This project may be eligible for NATO funding. A NATO funding package has been submitted for this project. This project will meet all applicable DoD criteria to include cyber-security.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	05/2015
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	100%
(d) Date 35 Percent Complete:	08/2015
(e) Date Design Complete:	01/2017
(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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
NAS SIGONELLA, ITALY	CONSTRUCT HYDRANT SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	12521	DESC1804	22,400

3. Total Cost (c) = (a)+(b) or (d)+(e) ($000)	
(a) Production of Plans and Specifications	1,574
(b) All Other Design Costs	475
(c) Total	1,099
(d) Contract	
(e) In-House	
4. Contract Award	03/18
5. Construction Start	04/18
6. Construction Complete	10/19

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
ENVIRONMENTAL REMEDIATION	DWCF	2018	906

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	DEFENSE LOGISTICS AGENCY	1.93

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	30,800
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0
F. PLANNED IN NEXT THREE PROGRAM YEARS	50,040
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	80,840

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	CONSTRUCT BULK STORAGE TANKS PH 1	150,000 BL	30,800	12/14	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)*
411	DESC1803	CONSTRUCT BULK STORAGE TANKS PH 2 of 4	23,540
151	DESC1903	CONSTRUCT T-5 PIER	26,500

10. MISSION OR MAJOR FUNCTION

Marine Corps Air Station Iwakuni is primarily an F/A-18 pilot training and air patrol station. Other types of aircraft also frequent the base and together support security obligation to protect Japan and project power throughout the Pacific. 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 $17.3 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	CONSTRUCT BULK STORAGE TANKS, PHASE 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	41150	DESC1803	30,800

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	14,392
BULK TANKS (CC 41150)	BL	150,000	80.55	(12,083)
PIPING (CC 12521)	LF	6,050	381.81	(2,310)
SUPPORTING FACILITIES	-	-	-	13,109
SITE IMPROVEMENTS & DEMOLITION	LS	-	-	(12,037)
CIVIL & ELECTRICAL UTILITIES	LS	-	-	(854)
TANK GAUGING	LS	-	-	(218)
SUBTOTAL	-	-	-	27,501
CONTINGENCY (5%)	-	-	-	1,375
ESTIMATED CONTRACT COST	-	-	-	28,876
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	1,877
TOTAL	-	-	-	30,753
TOTAL (ROUNDED)	-	-	-	30,800
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	-	(1,627)

10. Description of Proposed Construction:
Construct three new 50,000-barrel aboveground jet fuel storage tanks with sufficient secondary containment. Provide new transfer piping, valves, manifolds and related appurtenances from the new tanks to the existing pump house. Demolish three existing 10,000-barrel aboveground tanks, secondary containment and associated piping and apparatuses. Provide all supporting civil, mechanical and electrical utilities to include but not limited to, automatic tank gauging, electrical service, lighting, communications, cathodic protection, fire protection, drainage, access roads, sidewalks, gates, and landscaping. In addition, incorporate deep soil mixing or provide pile type foundations to improve soil-bearing capacity.

11. REQUIREMENT: 911,000 Barrel(BL) **ADEQUATE:** 0 BL **SUBSTANDARD:** 310,000 BL

PROJECT: Construct new aboveground jet fuel bulk storage tanks. (C)

REQUIREMENT: There is a need to provide additional jet fuel storage capacity at this location to support strategic enroute refueling operations, strategic airlift, and force projection in the Pacific. Bulk tanks will store the war reserve jet fuel required to sustain contingency operations pending resupply by tanker ships. This system will also permit more economical fuel resupply and reduce the number of resupply cycles to support the Air Station’s requirements.

CURRENT SITUATION: Current fuel storage at MCAS Iwakuni is approximately 34% of the necessary overall combined service requirements.
IMPACT IF NOT PROVIDED: If this project is not accomplished, MCAS Iwakuni will continue to function with insufficient jet fuel storage to meet contingency requirements. The ripple

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
MARINE CORPS AIR STATION, IWAKUNI, JAPAN	CONSTRUCT BULK STORAGE TANKS, PHASE 1

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0701111S	41150	DESC1803	30,800

effect of backing-up requirements at other PACOM locations due to insufficient storage impacts the overall storage capabilities throughout PACOM.

ADDITIONAL: Land at MCAS Iwakuni is extremely limited due to existing development. The best option to gain additional tank storage is to replace some existing tanks with larger capacity tanks and construct new tanks in the existing fuel storage areas. The economic analysis and a MCAS Iwakuni POL Integration and Synchronization Study dated March 2014 supports this option to gain additional storage capacity. The layouts of the tanks in the new or updated containment areas will meet NFPA requirements that allow bulk fuel tanks to share common secondary containment areas. This project will meet all applicable DoD criteria to include cyber-security.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	04/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	06/16
(e) Date Design Complete:	08/17
(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	06/18
5. Construction Start	07/18
6. Construction Complete	10/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
AUTOMATIC TANK GAUGING	DWCF	2019	227
CONTAMINATED SOIL REMOVAL	DWCF	2019	1,400

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
DFSP OKINAWA, JAPAN	DEFENSE LOGISTICS AGENCY	1.88

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	11,900
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	11,900

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
163	REPLACE MOORING SYSTEM	1 EA	11,900	12/15	03/17

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

The Tengan Petroleum Handling Facility is an Army owned, DLA operated receiving terminal in Tengan, Okinawa. The petroleum, oils, and lubricants (POL) receiving point receives DLA-owned fuel from fuel oil tankers in support of the peacetime mission and contingency requirements of all military services on Okinawa.

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $8.6 million.

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

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

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DFSP OKINAWA, JAPAN	REPLACE MOORING SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	16310	DESC1807	11,900

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES.....	-	-	-	10,638
SINGLE POINT MOORING SYSTEM (CC 16310).....	EA	1	10,637,000	(10,638)
SUPPORTING FACILITIES.....	-	-	-	-
SUBTOTAL.....	-	-	-	10,638
CONTINGENCY (5%).....	-	-	-	532
ESTIMATED CONTRACT COST.....	-	-	-	11,170
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)..				726
TOTAL	-	-	-	11,896
TOTAL (ROUNDED)				11,900
FROM OTHER APPROPRIATIONS (JFIP)				27,600

10. Description of Proposed Construction:
Replace existing, obsolete three-legged mooring system with a new Single Point Mooring (SPM) system to include a new SPM buoy, hawsers, hoses, chains, weights, anchors and all associated components. The new buoy will connect to an underwater pipeline and manifold being provided under a companion Japanese Facility Improvement Project, (JFIP) AR-112.

11. REQUIREMENT: 1 EACH (EA) **ADEQUATE:** 0 EA **SUBSTANDARD:** 1 EA

PROJECT: Acquire a single point mooring (SPM) in support of the Japanese Facility Improvement Project (JFIP) to provide bulk fuel receipt. (C)

REQUIREMENT: Provide bulk fuel receipt capability at Defense Fuel Supply Point Okinawa to meet the fuel resupply requirements to sustain the warfighter. The system is used to moor and receive fule from offshore fuel tanker ships. A joint agreement between the U.S. Government and the Government of Japan requires the U.S. Government to resource the SPM.

CURRENT SITUATION: The Government of Japan has determined an obsolete shallow water mooring system in support of fuel delivery will be decommissioned to open up fishing waters. The JFIP project, AR-112, Oil Pipeline (Underwater), is in construction to provide a new pipeline and requires replacement of the U.S. Government’s three legged mooring system. The new pipeline will terminate in a different location and at a greater depth to support deeper drafts of current resupply vessels. The new pipeline project is scheduled to be completed in FY 2019. This project will allow the U.S. Government to maintain its current mission capabilities.

IMPACT IF NOT PROVIDED: Without the U.S. portion of this project, the new fueling system cannot be completed and the bulk fuel receipt capability of DFSP Okinawa will be significantly degraded. The DFSP will also lack the necessary fuel resupply requirement to sustain the warfighter if the primary mooring location is down for maintenance or other repair operations.

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
DFSP OKINAWA, JAPAN	REPLACE MOORING SYSTEM

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	16310	DESC1807	11,900

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	12/15
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	50%
(d) Date 35 Percent Complete:	07/16
(e) Date Design Complete:	03/17
(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	388
(e) In-House	60
4. Contract Award	02/18
5. Construction Start	03/18
6. Construction Complete	06/19

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Oil Pipeline (Underwater)	JFIP	JFY16-JFY17	$27,600

Point of Contact is DLA Civil Engineer at 703-767-2326

1. Component	FY 2018 MILITARY CONSTRUCTION PROGRAM	2. Date
DEFENSE (DLA)		May 2017

3. Installation And Location	4. Command	5. Area Construction Cost Index
COMFLEACT SASEBO, JAPAN	DEFENSE LOGISTICS AGENCY	1.85

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	45,600
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	
F. PLANNED IN NEXT THREE PROGRAM YEARS	4,716
G. REMAINING DEFICIENCY	
H. GRAND TOTAL	50,316

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
152	UPGRADE FUEL WHARF	1,145 SY	45,600	05/16	05/18

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)*
123	DESC1920	REPLACE GV FUELING FACILITY	4,716

10. MISSION OR MAJOR FUNCTION

Yokose Fueling Wharf (Facility No. M-802) is the sole fuel transfer point for Yokose Petroleum, Oils, and Lubricants (POL) Terminal, which is a strategic fuel support facility located at Commander Fleet Activities Sasebo in Nagasaki, Japan. The current user of Yokose Fueling Wharf is Naval Supply Systems Command (NAVSUP) Fleet Logistics Center Yokosuka (FLCY), Fuel Department Detachment Sasebo. NAVSUP FLCY, provides logistics support to the Navy, Marine Corps, and other federal activities within the Seventh Fleet Area of Responsibility (AOR).

Deferred sustainment, restoration, and modernization for fuel facilities at this location is $8.2 million.

11. OUTSTANDING POLLUTIONPOLLUTION AND SAFETY DEFICIENCIES: *($000)*		
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
COMFLEACT SASEBO, JAPAN	UPGRADE FUEL WHARF

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	15240	DESC1805	45,600

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost ($000)
PRIMARY FACILITIES	-	-	-	30,916
FUEL WHARF (CC 15240)	SY	1,145	14,575	(16,688)
MOORING DOLPHINS (CC 16310)	EA	2	5,034,165	(10,068)
SMALL BOAT DOCK (CC 15520)	FB	80	51,107	(4,089)
DOCK SHED (CC 89009)	SF	65	1,090	(71)
SUPPORTING FACILITIES	-	-	-	9,794
MECHANICAL PIPING & UTILITIES	LS	-	-	(8,201)
ELECTRICAL UTILITIES	LS	-	-	(922)
DEMOLITION	LS	-	-	(377)
FISHERIES UNION OVERSIGHT	LS	-	-	(294)
SUBTOTAL	-	-	-	40,710
CONTINGENCY (5%)	-	-	-	2,035
ESTIMATED CONTRACT COST	-	-	-	42,745
SUPERVISION, INSPECTION & OVERHEAD (SIOH) (6.5%)	-	-	-	2,778
TOTAL	-	-	-	45,524
TOTAL (ROUNDED)	-	-	-	45,600
EQUIPMENT FROM OTHER APPROPRIATIONS				(300)

10. Description of Proposed Construction:

Extend the existing wharf into deeper waters to adequately accommodate deep draft vessels. The new wharf extension will be pile supported with new mooring dolphins on both ends of the wharf extension. New catwalks will connect the new wharf extension to the new mooring dolphins. Provide fender system, mooring bollards and a dock shed for fuel personnel to monitor fueling operations. Replace existing marine loading arms (MLA), fuel pipe manifold and fuel stripping pump system. Extend the existing fuel lines from the existing wharf to the new MLAs on the wharf extension. Provide a new fuel spill containment system with sump pumps to drain the wharf containment. Install a wharf fascia and a permanent oil boom system to prevent fuel spills from spreading under and around the wharf and mooring dolphins. Construct a new small boat dock for permanent berthing of emergency spill response vessels and other small boats. The small boat dock will include a breakwater structure that protects the dock from rough conditions resulting from tides, waves, storm surges, etc. Provide all necessary supporting utilities including but not limited to, potable water, fire protection, electrical, communications, lighting, cathodic protection, access roads, sidewalks, fencing, gates and demolition of miscellaneous structures.

11. REQUIREMENT: 2447 Square Yard (SY) **ADEQUATE:** 1301 SY **SUBSTANDARD:** 0 SY

PROJECT: Upgrade fuel wharf. (C)

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. Date
DEFENSE (DLA)		May 2017

3. Installation and Location	4. Project Title
COMFLEACT SASEBO, JAPAN	UPGRADE FUEL WHARF

5. Program Element	6. Category Code	7. Project Number	8. Project Cost ($000)
0702976S	15240	DESC1805	45,600

REQUIREMENT: This wharf upgrade will extend the existing wharf into deeper waters to provide adequate depth and mooring capabilities required to provide reliable, safe and efficient fueling operations at all times including at low tide.

CURRENT SITUATION: Yokose fueling wharf is the only fuel transfer point for Yokose POL Terminal. Based on its storage capacity, the terminal is one of Fleet Logistics Center Yokosuka's (FLCY) largest bulk fuel storage assets in the western pacific. Yokose Fueling Wharf was originally constructed in 1939. The wharf includes three freestanding caisson structures built on a rock ledge located at a depth of about 33 feet (10 m) below lowest water level at the seaward face of the wharf. Even at high tide, the water depth is not sufficient to accommodate deep-draft vessels that must utilize the wharf.

Due to the limited depth of Yokose Fueling Wharf, a variety of measures are utilized to allow larger vessels to dock at this facility without grounding. These measures include waiting for high tide and utilizing a breasting barge to keep the vessel further off the face of the existing wharf and into deeper waters. Depending on the quantity of fuel that needs to be transferred, the vessel may need to leave the wharf during low tide and wait for the tide to rise before re-docking and recommencing fueling operations. Fueling consequently may take several days to complete, which is inefficient and unacceptable during emergencies.

IMPACT IF NOT PROVIDED: The inability to efficiently and reliably transfer fuel during emergencies will prevent FLCY from fulfilling their mission of supporting the Seventh Fleet.

ADDITIONAL: Host Nation funding was sought for this project but denied.

12. Supplemental Data:	
A. Estimated Design Data:	
1. Status	
(a) Date Design Started:	05/16
(b) Parametric Cost Estimate Used to Develop Costs (Yes/No):	Yes
(c) Percent Complete as of January 2017:	35%
(d) Date 35 Percent Complete:	01/17
(e) Date Design Complete:	05/18
(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	1,082
(b) All Other Design Costs	2,463
(c) Total	3,545
(d) Contract	2,463
(e) In-House	1,082
4. Contract Award	09/18
5. Construction Start	12/18

1. Component	FY 2018 MILITARY CONSTRUCTION PROJECT DATA		2. Date
DEFENSE (DLA)			May 2017

3. Installation and Location	4. Project Title		
COMFLEACT SASEBO, JAPAN	UPGRADE FUEL WHARF		
5. Program Element	**6. Category Code**	**7. Project Number**	**8. Project Cost ($000)**
0702976S	15240	DESC1805	45,600

6. Construction Complete	12/20

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

PURPOSE	APPROPRIATION	FISCAL YEAR REQUIRED	AMOUNT ($000)
Oil Spill Boom & Reel	DWCF	2017	250
Spill Response Equipment	DWCF	2017	50

Point of Contact is DLA Civil Engineer at 703-767-2326