

**Defense Logistics Agency
FY 2025 Military Construction, Defense-Wide
(\$ in Thousands)**

<u>State/Installation/Project</u>	<u>New/ Authorization Request</u>	<u>Approp. Request</u>	<u>Current Mission</u>	<u>Page No.</u>
Alaska				
Eielson Air Force Base Fuels Operations & Lab Facility	14,000	14,000	C	50
JB Elmendorf - Richardson Fuel Facilities	55,000	55,000	C	54
California				
Bridgeport Fuel Facilities	19,300	19,300	C	58
Missouri				
Whiteman Air Force Base Flightline Fueling Facilities	19,500	19,500	C	62
South Carolina				
Beaufort Fuel Pier	31,500	31,500	C	66
Texas				
Corpus Christi Naval Air Station General Purpose Warehouse	79,300	79,300	C	70
Washington				
Whidbey Island Hydrant Fuel System	54,000	54,000	C	74
Total	272,600	272,600		

1. COMPONENT DEFENSE (DLA)		FY 2025 MILITARY CONSTRUCTION PROGRAM			2. DATE MAR 2024	
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA				4. COMMAND DEFENSE LOGISTICS AGENCY		5. AREA CONSTRUCTION COST INDEX 2.07
a. TOTAL ACREAGE (acre)						
b. INVENTORY TOTAL AS OF YYYYMMDD						
c. AUTHORIZATION NOT YET IN INVENTORY					0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM					14,000.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM					0.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS					0.00	
g. REMAINING DEFICIENCY					0.00	
h. GRAND TOTAL					14,000.00	
8. PROJECTS REQUESTED IN THIS PROGRAM						
a. CATEGORY			b. COST (\$000)	c. DESIGN STATUS		
(1) CODE	(2) PROJECT TITLE	(3) SCOPE		(1) START	(2) COMPLETE	
DESC2503	Fuel Operations & Lab Facility	4,014 SF	14,000	Jan 2023	Aug 2024	
9. FUTURE PROJECTS						
10. MISSION OR MAJOR FUNCTIONS						
Eielson AFB supports mission requirements associated with creating an air bridge for the Pacific and supports ISR missions in the Pacific and Arctic. Eielson AFB also hosts RED FLAG-Alaska Adversary Air Exercises for joint and allied services.						
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES						
			(\$000)			
A. Air Pollution			0			
B. Water Pollution			0			
C. Occupational Safety and Health			0			

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION EIELSON AIR FORCE BASE, ALASKA		4. PROJECT TITLE: FUEL OPERATIONS & LAB FACILITY	
5. PROGRAM ELEMENT 0702976S	6. CATEGORY CODE 121111	7. PROJECT NUMBER DESC2503	8. PROJECT COST (\$000) 14,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST
<u>PRIMARY FACILITIES</u>				
PETROLEUM OPERATIONS BUILDING/LAB (CCN-121111)	SF	4,014	\$ 2,464.80	\$ 9,894
<u>SUPPORTING FACILITIES</u>				
DEMOLITION	LS	1		\$ 526
EXTERIOR ELECTRICAL AND COMMUNICATIONS	LS	1		\$ 859
SITE MECHANICAL UTILITIES	LS	1		\$ 125
SITE PREPARATION AND IMPROVEMENTS	LS	1		\$ 185
PAVEMENT, WALKS AND GUTTERS	LS	1		\$ 161
GENERATOR	LS	1		\$ 675
Contaminated PFOS/PFOA Soil (See Block 12)				
SUBTOTAL				\$ 12,426
CONTINGENCY (5.00%)				\$ 621
TOTAL CONTRACT COST				\$ 13,047
SUPERVISION, INSPECTION AND OVERHEAD (SIOH)			7.30%	\$ 952
TOTAL REQUEST				\$ 14,000
TOTAL REQUEST (ROUNDED)				\$ 14,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				\$ 3,225

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

PROJECT:

Replace existing Fuels Management and Laboratory Facility, B3242. Demolish existing facility. Construct a new 4,014 SF facility, complete with laboratory, ready room for fuel operations, administrative offices, fuels control center, locker rooms with restrooms, conference/classroom, operations maintenance room, emergency eye wash & shower, and storage room. Construction of the building shall consist of steel frame with split-face masonry exterior walls and a pitched metal roof. The foundation shall meet relevant arctic and seismic requirements, and all necessary site and utilities work is included. It shall include arctic design components including additional thickness in exterior walls, arctic vestibules and covered entrances.

Anti-terrorism (AT/FP), cyber-security and physical security, will be incorporated into the design and construction.

Sustainable principles, to include life cycle cost-effective practices, will be integrated into the design, development, and construction of the project.

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11. REQUIREMENT:

REQUIREMENT:

A new Petroleum Operations Facility with fuels laboratory is required. Fuel samples must be tested to ensure the fuel meets strict physical and chemical quality standards for aircraft operations. The fuel laboratory must be maintained at 73 degrees Fahrenheit \pm 5 degrees Fahrenheit to conduct quality lab sampling and testing. The fuel management building must be able to accommodate 76 personnel to meet the manning requirements of Eielson's different mission sets.

CURRENT SITUATION:

Eielson AFB hosts OPlan training exercises for joint and allied services. In 2019, the quantity of JP-8 aviation fuel issued required five samples per day. Currently, the Fuels Flight operates out of two separate buildings. The flight's manning is split approximately 90% in the Operations Building, 10% in the other, smaller Fuels Management and Laboratory Building. The smaller Fuels Management and Laboratory building currently houses the fuels testing laboratory, training and support section, environmental office, and management team. The physical separation between the Fuels Management and Laboratory building and the Operations Building adds additional transit times for mandatory tasks and is a communication barrier decreasing efficiency across the flight. The Fuels Management and Laboratory Building (two separate buildings with one facility ID) was constructed in 1967 for a flight of 55 personnel and has exceeded its 40-year design life. The building has an FCI of 56. Manning has increased to 76 personnel and the facility is inadequate to hold the increased number of positions forcing several personnel to share office and desk space. The current structure does not meet all the required fire codes and lacks adequate HVAC. In 2019, out of numerous samples taken, many sample test results were overdue because of lab temperature issues. When a sample is overdue, fuel cannot be accepted or issued to aircraft, which causes delays and possible cancellations of missions. Fuel labs must be 73 degrees Fahrenheit \pm 5 degrees Fahrenheit, but due to the state of the facility it is frequently is out of temperature range tolerances. The HVAC system for both heating and cooling has required repairs over a dozen times per year. The existing building's vapor retarder membrane at the underside of the roof is damaged, ineffective, and has failed. During the winter the building's hot water heating system creates condensation which permeates through openings in the existing mechanical room walls and through the failed vapor retarder membrane. The moisture condensates and freezes on the interior underside and exterior perimeter of the metal roofing assembly. This forms a large layer of ice which melts as the weather warms causing water to migrate to the perimeter and run down the walls of both the laboratory and the administrative portions of the building. This has created an unsafe condition with risks to the occupants from electrical wiring and terminal devices being saturated. The introduction of water can cause mold growth within wall assemblies and on interior finishes.

IMPACT IF NOT PROVIDED:

Eielson AFB supports mission requirements associated with creating an air bridge for the Pacific and supports ISR missions in the Pacific and Arctic. Missions require large quantities of fuel per day using both the alternate and primary receipt capabilities. Each receipt requires lab testing to ensure fuel meets stringent specifications and contaminated fuel is not issued to aircraft. Off-specification fuel could result in mission sorties that are delayed, cancelled, or compromised. One scenario: tanker receives off-specification fuel and

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issues to support aircraft crossing the Pacific, risking several aircraft. Excessive and costly facility maintenance will be required to keep this highly deteriorated facility in a functional state. Lack of proper insulation, vapor retarder membrane, and a suitable air barrier membrane for a subarctic environment where -50F is a common occurrence will continue to result in high amounts of energy loss, costly repairs, and an unsafe working environment for the occupants.

ADDITIONAL: Antiterrorism/Force Protection will be in accordance with the local threat assessment. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project.

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	JAN 2023
(b) Percent of Design Completed as of September 2023:	35%
(c) Design or RFP Complete:	AUG 2024
(d) Total Design Cost (\$000):	\$775
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	JAN 2025
(b) Construction Start:	MAR 2025
(c) Construction Complete:	AUG 2026

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated of Requested</u>	<u>Cost (\$000)</u>
Contaminated Soil (PFOS/PFOA) Cleanup	Air Force	2025	3,225

Point of Contact is DLA Engineer at 907-552-4650

1. COMPONENT DEFENSE (DLA)		FY 2025 MILITARY CONSTRUCTION PROGRAM				2. DATE MAR 2024				
3. INSTALLATION AND LOCATION JOINT BASE ELMENDORF-RICHARDSON, ALASKA			4. COMMAND DEFENSE LOGISTICS AGENCY			5. AREA CONSTRUCTION COST INDEX 1.93				
6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
b. AS OF										
b. END FY										
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (acre)										
b. INVENTORY TOTAL AS OF YYYYMMDD										
c. AUTHORIZATION NOT YET IN INVENTORY										0.00
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										55,000.00
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										0.00
f. PLANNED IN NEXT THREE PROGRAM YEARS										0.00
g. REMAINING DEFICIENCY										0.00
h. GRAND TOTAL										55,000.00
8. PROJECTS REQUESTED IN THIS PROGRAM										
a. CATEGORY				b. COST (\$000)		c. DESIGN STATUS				
(1) CODE	(2) PROJECT TITLE		(3) SCOPE			(1) START	(2) COMPLETE			
121124	Fuel Facilities		6,880 SF		55,000	APR 2023	JAN 2024			
9. FUTURE PROJECTS										
10. MISSION OR MAJOR FUNCTIONS										
<p>Joint Base Elmendorf-Richardson hosts the 673d Air Base Wing, which in turn supports and enables three Air Force total-force wings, two Army Brigades and 55 other tenant units. Other notable major assigned units are Alaskan Command, 11th Airborne Division Headquarters, 3rd Wing, and the Alaskan NORAD Region. All units ensure Joint Base Elmendorf-Richardson remains America's premier strategic power projection platform.</p>										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES										
										(\$000)
A. Air Pollution										0
B. Water Pollution										0
C. Occupational Safety and Health										0

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024		
3. INSTALLATION AND LOCATION JOINT BASE ELMENDORF-RICHARDSON, ALASKA		4. PROJECT TITLE: FUEL FACILITIES			
5. PROGRAM ELEMENT 0702979S	6. CATEGORY CODE 121124	7. PROJECT NUMBER DESC2408	8. PROJECT COST (\$000) 55,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST
PRIMARY FACILITIES					\$ 38,357
PUMPHOUSE (CC 121124)		SF	6,880	\$ 2,608.80	\$ 17,949
POL PIPING SYSTEMS (CC 125554)		LF	7,500	\$ 1,073.00	\$ 8,048
OPERATING STORAGE JET FUEL (CC 124135)		GA	420,000	\$ 11.30	\$ 4,746
LIQUID FUEL STAND OFFLOAD (CC 126926)		OL	2	\$ 1,802,921.10	\$ 3,606
LIQUID FUEL TRUCK FILLSTAND (CC 126925)		OL	5	\$ 492,602.00	\$ 2,463
PRODUCT RECOVERY TANK (CC 124135)		GA	4,000	\$ 386.60	\$ 1,546
SUPPORTING FACILITIES					\$ 10,459
SITE IMPROVEMENTS		LS			\$ 3,239
SITE ELECTRICAL/COMMUNICATIONS UTILITIES		LS			\$ 2,969
SITE PREPARATIONS		LS			\$ 2,669
SITE CIVIL/MECHANICAL UTILITIES		LS			\$ 1,582
SUBTOTAL					\$ 48,816
CONTINGENCY (5.00%)					\$ 2,441
TOTAL CONTRACT COST					\$ 51,257
SUPERVISION, INSPECTION AND OVERHEAD (SIOH)				7.30%	\$ 3,742
TOTAL REQUEST					\$ 54,999
TOTAL REQUEST (ROUNDED)					\$ 55,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					\$ 8,336
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
<p>Construct a new pumphouse which includes a control room, bathroom, filter separators, pumps, and other necessary elements. Provide site piping between the new fuel storage tanks, truck fillstands, truck offload stations, and product recovery tank, along with connections to existing pipelines. Site piping also includes any necessary equipment such as valves and pig launcher. The new fuel storage tanks will include secondary containment basins. Canopies to protect equipment in this harsh environment are also included.</p> <p>Provide site improvements to include paving, lighting, physical security, and stormwater management systems. Provide electrical utilities and communications infrastructure, including an emergency generator. Site preparations include general site clearing, leveling, and grading. Provide all required water and sewer utilities.</p>					

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3. INSTALLATION AND LOCATION JOINT BASE ELMENDORF-RICHARDSON, ALASKA		4. PROJECT TITLE: FUEL FACILITIES	
5. PROGRAM ELEMENT 0702979S	6. CATEGORY CODE 121124	7. PROJECT NUMBER DESC2408	8. PROJECT COST (\$000) 55,000
<p>11. REQUIREMENT: 6,880 SF ADQT: 0 SF SUBSTD: 627 SF</p> <p><u>PROJECT:</u> Construct a new fuel facility with a pumphouse, operating storage tanks, receipt pipeline, offload stations, and truck fillstands. (C)</p> <p><u>REQUIREMENT:</u> The 5th generation F-22 fighter aircraft at Joint Base Elmendorf-Richardson is focused on strengthening America's Arctic Power Projection Platform. The Joint Base requires efficient fuel infrastructure that F-22 aircraft required to ensure their readiness to support Global Strike Task Force requirements and to provide overall air dominance.</p> <p><u>CURRENT SITUATION:</u> Fighter aircraft are currently refueled by R-11 refueling trucks stationed at Tank Farm 5 which is outside the secured area for these aircraft. Originally constructed in 1942, Tank Farm 5 was not designed to support the number of R-11 trucks necessary to accomplish efficient F-22 refueling on a daily basis. Generally, one R-11 refueling unit is required to fill two aircraft, taking approximately 55 minutes to complete. If multiple refueling operations occur simultaneously, the refueling unit must replenish their inventory before returning to the additional aircraft. This round trip requires an additional 30 to 45 minutes per refueling unit. Moreover, the existing facility's main structure and two of its four tanks are still of original 1942 construction. The concrete structure is starting to fragment, creating a fall hazard to personnel and eventual facility failure. The two original tanks require extensive coating repairs every five years that result in extensive out-of-service time. Such times detrimentally impacts mission fuel supply needs and add additional refilling cycles and manpower requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Continued operation of the existing fuel system will lead to mission degradation due to system failure along with compromised structural integrity or a complete system outage. If this occurs, the refueling units will have to resupply at other geographically separated areas, adding at a minimum, 85 minutes per round trip and greatly increasing the risk of mission failure.</p> <p><u>ADDITIONAL:</u> Antiterrorism/Force Protection will be in accordance with the local threat assessment. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project.</p>			

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION JOINT BASE ELMENDORF-RICHARDSON, ALASKA		4. PROJECT TITLE: FUEL FACILITIES	
5. PROGRAM ELEMENT 0702979S	6. CATEGORY CODE 121124	7. PROJECT NUMBER DESC2408	8. PROJECT COST (\$000) 55,000

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	APR 2023
(b) Percent of Design Completed as of July 2023:	35%
(c) Design or RFP Complete:	AUG 2024
(d) Total Design Cost (\$000):	\$3060
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	Yes
(3) Construction Data:	
(a) Contract Award:	JAN 2025
(b) Construction Start:	MAR 2025
(c) Construction Complete:	OCT 2027

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated of Requested</u>	<u>Cost (\$000)</u>
Automatic Tank Gauging	DWCF	2025	\$1,603
Tank Farm #5 Environmental Remediation	DWCF	2025	\$2,146
Tank Farm #6 Environmental Remediation	Air Force	2025	\$2,793
Demolition Tank Farm #5	DWCF	2025	\$1,191
Water to Tank Farm #6	Air Force	2025	\$499
Sewer to Tank Farm #6	Air Force	2025	\$104

1. COMPONENT DEFENSE (DLA)			FY 2025 MILITARY CONSTRUCTION PROGRAM				2. DATE MAR 2024				
3. INSTALLATION AND LOCATION MARINE CORPS MOUNTAIN WARFARE TRAINING CENTER, BRIDGEPORT, CALIFORNIA					4. COMMAND DEFENSE LOGISTICS AGENCY			5. AREA CONSTRUCTION COST INDEX 1.32			
6. PERSONNEL		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
b. AS OF											0
b. END FY											0
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (acre)										0.00	
b. INVENTORY TOTAL AS OF YYYYMMDD										0.00	
c. AUTHORIZATION NOT YET IN INVENTORY										0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										19,300.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										0.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS										0.00	
g. REMAINING DEFICIENCY										0.00	
h. GRAND TOTAL										19,300.00	
8. PROJECTS REQUESTED IN THIS PROGRAM											
a. CATEGORY				b. COST (\$000)		c. DESIGN STATUS					
(1) CODE	(2) PROJECT TITLE			(3) SCOPE		(1) START	(2) COMPLETE				
14375	Fuel Facilities			1,860 SF		NOV 2022	JUL 2024				
9. FUTURE PROJECTS											
10. MISSION OR MAJOR FUNCTIONS											
<p>The Marine Corps Mountain Warfare Training Center is one of the Corps most remote and isolated posts. The Center is cited at 6,762 feet, with elevations in the training areas ranging to just under 12,000 feet. During the winter season snow accumulation can reach 6 to 8 feet. Further, severe storms can deposit as much as four feet in a 12-hour period. Annual temperatures range from -20 degrees to +90 degrees Fahrenheit. The Center conducts formal schools for individuals and battalion training in summer and winter mountain operations, emphasizing overall combat capability in adverse weather conditions, developing doctrine and concepts to enhance the Corp's ability to fight and win in mountain and cold weather environments.</p>											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES											
										(\$000)	
A. Air Pollution										0	
B. Water Pollution										0	
C. Occupational Safety and Health										0	

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION MARINE CORPS MOUNTAIN WARFARE TRAINING CENTER, BRIDGEPORT, CALIFORNIA		4. PROJECT TITLE: FUEL FACILITIES	
5. PROGRAM ELEMENT 0702896S	6. CATEGORY CODE 14375	7. PROJECT NUMBER DESC2407	8. PROJECT COST (\$000) 19,300

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES				
OPERATIONS BUILDING (CC 14375)	SF	1,860	\$ 2,476.34	\$ 4,606
OPERATING TANKS (CC 12150)	GA	24,000	\$ 150.33	\$ 3,608
FUEL DISTRIBUTION FACILITY (CC 12516)	GM	1,200	\$ 1,859.17	\$ 2,231
TRUCK OFFLOAD (CC 12640)	OL	1	\$ 871,000.00	\$ 871
SITE FUEL PIPING (CC 12521)	LF	340	\$ 2,050.00	\$ 697
FLIGHTLINE FILLSTAND (CC 12630)	OL	2	\$ 209,500.00	\$ 419
TRUCK FILLSTAND (CC 12630)	OL	1	\$ 139,000.00	\$ 139
SUPPORTING FACILITIES				
SITE ELECTRICAL UTILITIES	LS			\$ 1,351
SITE CIVIL/MECHANICAL UTILITIES	LS			\$ 1,095
SITE IMPROVEMENTS	LS			\$ 959
SITE DEMOLITION	LS			\$ 582
SITE PREPARATION	LS			\$ 459
SUBTOTAL				\$ 17,017
CONTINGENCY (5.00%)				\$ 851
TOTAL CONTRACT COST				\$ 17,868
SUPERVISION, INSPECTION AND OVERHEAD (SIOH)			6.50%	\$ 1,161
ENGINEERING DESIGN DURING CONSTRUCTION				\$ 268
TOTAL REQUEST				\$ 19,297
TOTAL REQUEST (ROUNDED)				\$ 19,300
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				\$ 185

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a new operations building with laboratory which includes offices, mechanical and electrical infrastructure, plumbing, HVAC, communications, and work necessary for a working fuel operations facility. The new fuel distribution facility will include fuel storage tanks, product recovery tank, truck fillstand, and offload station along with site piping, filter separators, and all other necessary equipment. Piping will also connect to new flightline fuel dispensing cabinets. Canopies to protect equipment in this harsh environment are also included.

Construct all necessary water, sewer, electric, and communication utility lines and connections. Provide all required site pavement, lighting, and fencing. Conduct general site clearing and leveling and install appropriate storm drainage infrastructure. Demolition includes the existing fuel facility and associated equipment.

Anti-terrorism (AT/FP), cyber-security and physical security, will be incorporated into the design and construction.

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3. INSTALLATION AND LOCATION MARINE CORPS MOUNTAIN WARFARE TRAINING CENTER, BRIDGEPORT, CALIFORNIA		4. PROJECT TITLE: FUEL FACILITIES	
5. PROGRAM ELEMENT 0702896S	6. CATEGORY CODE 14375	7. PROJECT NUMBER DESC2407	8. PROJECT COST (\$000) 19,300
<p>11. REQUIREMENT: 1,860 SF ADQT: 0 LF SUBSTD: 0 LF</p> <p><u>PROJECT:</u> Demolish existing fuel facility and construct a new operations building with laboratory and a new operational fueling facility. (C)</p> <p><u>REQUIREMENT:</u> The Marine Corps Mountain Warfare Training Center conducts training missions for individuals and battalions in the area of mountain and cold weather operations. This training encompasses the use of rotary wing aircraft in the execution of their activities. The proposed construction project will replace an inefficient existing system with a more effective system along with providing a permanent operations building and fuel laboratory to centralize operations.</p> <p><u>CURRENT SITUATION:</u> Refueling operations occur on an austere site with minimal supporting equipment. The site lacks a permanent operations facility in which to conduct activities. Currently, personnel use personally owned vehicles as a makeshift operations center at a standby location during flight operations and when aircraft refueling operations are underway. Depending on the season, these operations are performed with potential snowfall up to six feet and temperatures down to negative fifteen degrees.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Marine personnel will continue to conduct refueling operations without a permanent operations building, fuel laboratory, and effective equipment. Such operations currently take between three to twelve hours, depending on the mission set using extensive resources and manpower. Moreover, the operations would continue to be performed without multiple lines of communication and other safety measures that would allow for a rapid emergency response. Current work on the top of the fuel tanks is conducted without any fall protection. Such work takes place two to three times per month for as long as an hour and can requires two personnel to be on top of the tank at the same time while being exposed to a nine-foot drop. Should this project not be selected and funded, the training center will continue to expose Marines to unsafe environments, the airfield will lack mission readiness, and the refueling operations will remain inefficient and inadequate.</p> <p><u>ADDITIONAL:</u> Antiterrorism/Force Protection will be in accordance with the local threat assessment. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project.</p>			

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3. INSTALLATION AND LOCATION MARINE CORPS MOUNTAIN WARFARE TRAINING CENTER, BRIDGEPORT, CALIFORNIA		4. PROJECT TITLE: FUEL FACILITIES	
5. PROGRAM ELEMENT 0702896S	6. CATEGORY CODE 14375	7. PROJECT NUMBER DESC2407	8. PROJECT COST (\$000) 19,300
12. Supplemental Data:			
A. Estimated Execution Data:			
(1) Acquisition Strategy:		Design/Bid/Build	
(2) Design Data:			
(a) Design or Request for Proposal (RFP) Started:		NOV 2022	
(b) Percent of Design Completed as of July 2023:		65%	
(c) Design or RFP Complete:		JUL 2024	
(d) Total Design Cost (\$000):		\$1,128	
(e) Energy Study and/or Life Cycle Analysis performed:		Yes	
(f) Standard or definitive design used:		No	
(3) Construction Data:			
(a) Contract Award:		JAN 2025	
(b) Construction Start:		APR 2025	
(c) Construction Complete:		APR 2027	
B. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>FY Appropriated</u> <u>of Requested</u>	<u>Cost</u> <u>(\$000)</u>
Fixtures, Furniture, and Equipment	Marine Corps O&M	2025	134
Automated Tank Gauging	DWCF	2025	51

1. COMPONENT DEFENSE (DLA)		FY 2025 MILITARY CONSTRUCTION PROGRAM				2. DATE MAR 2024	
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI.			4. COMMAND DEFENSE LOGISTICS AGENCY			5. AREA CONSTRUCTION COST INDEX 1.12	
b. AS OF							0
b. END FY							0
7. INVENTORY DATA (\$000)							
a. TOTAL ACREAGE (acre)						0.00	
b. INVENTORY TOTAL AS OF 20240930						0.00	
c. AUTHORIZATION NOT YET IN INVENTORY						0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM						19,500.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM						0.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS						0.00	
g. REMAINING DEFICIENCY						0.00	
h. GRAND TOTAL						19,500.00	
8. PROJECTS REQUESTED IN THIS PROGRAM							
a. CATEGORY			b. COST (\$000)	c. DESIGN STATUS			
(1) CODE	(2) PROJECT TITLE	(3) SCOPE		(1) START	(2) COMPLETE		
126924	FLIGHTLINE FUELING FACILITIES		19,500	OCT 2022	JUN 2023		
9. FUTURE PROJECTS							
10. MISSION OR MAJOR FUNCTIONS							
<p>Whiteman Airforce base is home the 509th Bomb Wing. It manages and employs all of the USAF's B-2 Spirit stealth bombers, and also employs a robust fleet of T-38 Talon trainer aircraft. The 509th Operations Group is the USAF's premier bomber unit and sole B-2 Spirit schoolhouse, training all B-2 pilots in the active duty Air Force and Air National Guard. Whiteman is home to many other vital units, both Air Force and sister services, the 442nd Fighter Wing, an Air Reserve wing flying the A-10, and the 131st Bomb Wing, an Air National Guard unit that flies the B-2 alongside the 509th, call Whiteman home. The Army's 1-135th Assault Helicopter Battalion and the is also key joint-service partners stationed at Whiteman. Whiteman AFB works to support all aspects of airpower, which includes five core missions: air superiority; global strike; rapid global mobility; intelligence, surveillance and reconnaissance; and command and control.</p>							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
						(\$000)	
A. Air Pollution						0	
B. Water Pollution						0	
C. Occupational Safety and Health						0	

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI.		4. PROJECT TITLE: FLIGHTLINE FUELING FACILITIES	
5. PROGRAM ELEMENT 0702896S	6. CATEGORY CODE 126924	7. PROJECT NUMBER DESC2404	8. PROJECT COST (\$000) 19,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST
PRIMARY FACILITIES				\$ 12,283
UNDERGROUND FUEL DISTRIBUTION PIPING (CC125553)	LF	3,000	\$ 2,128.20	\$ 6,785
JET FUEL, TRUCK FILLSTANDS (CC126924)	OL	2	\$ 873,215.00	\$ 1,996
VEHICLE FUELING STATION(CC123335)	OL	4	\$ 272,320.00	\$ 1,089
ABOVE GROUND STORAGE TANK DIESEL(CC124134)	GA	20,000	\$ 45.50	\$ 1,011
DIESEL TRUCK FILLSTAND (CC126925)	OL	1	\$ 607,677.00	\$ 708
ABOVEGROUND STORAFE TANK MOGAS (CC124137)	GA	12,000	\$ 49.50	\$ 694
SUPPORTING FACILITIES				\$ 4,856
SITE IMPOROVEMENTS	LS			\$ 2,258
SITE ELECTRICAL/ COMMUNICATION UTILITIES	LS			\$ 1,715
SITE PREPARATIONS	LS			\$ 588
SITE MECHANICAL UTILITIES	LS			\$ 295
SUBTOTAL				\$ 17,139
CONTINGENCY (5.00%)				\$ 857
TOTAL CONTRACT COST				\$ 17,996
SUPERVISION, INSPECTION AND OVERHEAD (SIOH)				6.50% \$ 1,170
POST CONSTRUCTION AWARD SERVICES (PCAS)				\$ 317
TOTAL REQUEST				\$ 19,483
TOTAL REQUEST (ROUNDED)				\$ 19,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				\$ 2,494

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a fuel issue line, necessary distribution piping, high-point vents; low-point drains connected to two R-11 refueler truck pantograph fill stands with filtration. Construct and connect a ground vehicle fueling station with one 20,000 gallon double-walled diesel AST; one 12,000 gallon double-walled MOGAS AST; a 150 GPM bulk load diesel hose-type fill stand; two single-hose diesel dispensers; two single-hose MOGAS dispensers. Include design of a canopy over the fill stand equipment as an option in the contract to be included if sufficient funding remains.

Construct all necessary concrete pavement for vehicle fueling lanes with for access drives (shared with fill stand access drives); spill containment with remote spill containment basin; supporting electrical infrastructure to include power and control integration a portable generator connection; dispenser issue pumps and equipment; and standard tank appurtenances and a heated eyewash bottle station.

Anti-terrorism (AT/FP), cyber-security and physical security, will be incorporated into the design and construction.

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI.		4. PROJECT TITLE: FLIGHTLINE FUELING FACILITIES	
5. PROGRAM ELEMENT 0702896S	6. CATEGORY CODE 126924	7. PROJECT NUMBER DESC2404	8. PROJECT COST (\$000) 19,500
11. REQUIREMENT: 7 OL ADQT: 0 OL SUBSTD: 0 OL			
<p><u>PROJECT:</u> This project will construct a new flightline fueling system which will include jet fuel fillstands and a ground vehicle fueling system and all associated piping and site work.</p> <p><u>REQUIREMENT:</u> A need exists to streamline aircraft refueling operations and minimize travel distance for vehicles that need to pass through the Protection Level 2, flightline secure area. A PL-2 area is an area where: a specific mission or high value resources need to be protected.</p> <p>Provide secondary R-11 truck fillstands on the flightline, closer to the POL compound, but outside the PL-2 restricted area so that refueling efficiency is not bogged down by 20 to 30 minutes due to having to enter and exiting the restricted area.</p> <p>The new Ground Vehicle Service Station included in the project will enable flightline vehicles (Fire Trucks, Security Forces, Snow Removal Equipment, AGE, Refuelers, etc.) to fill their gas/diesel tanks without having to leave the flightline and travel to the existing GOV service station located at the north end of the base or having to set-up temporary fueling points. A diesel bulk load fillstand will also be provided.</p> <p>These new capabilities will save many manhours, increase the efficiency of airfield operations, and add to the flexibility and resiliency of the current fueling systems, reducing the risk of failure of the strategic deterrence mission at Whiteman AFB.</p> <p><u>CURRENT SITUATION:</u> All A-10 and T-38 aircraft are dependent on R-11 trucks for refueling. The only point on the airfield where the R-11s can bulk load their tankers is located within the PL-2 restricted area. The long travel distance, combined with procedures for entering and exiting the restricted area, adds 20 to 30 minutes for each refueling trip.</p> <p>Vehicles that operate on the flightline (Fire Trucks, Security Forces, Snow Removal Equipment, AGE, Refuelers, etc.) must leave the airfield and travel to the existing GOV service station located at the north end of the base to fill their gas and diesel tanks or at temporary fueling points utilizing C-300 refuelers. These trips to the existing GOV service station and temporary fuel point set-ups takes time away from conducting mission essential operations on the airfield.</p> <p>The C-300 diesel refuelers must also travel to the existing GOV service station to bulk load. Current operations take 32 minutes to fill the truck at approximately 35 GPM with 20 minutes of travel time between the refueler parking area and GOV station.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The strategic deterrence mission at Whiteman AFB will continue to be without any type of flexibility or resiliency during operations in the event of dock or hardstand refueling outages. If there are any issues with the Type III hybrid refueling infrastructure on Whiteman during even reasonable demand operations, the two R-11 fill stands currently on the flightline will be woefully inadequate from a location and a capacity standpoint. Without the added flexibility of having the jet fuel fillstands, and ground vehicle fueling station and diesel fillstand, all located on the flightline near the refueler parking area, critical STRATCOM O-Plans become negatively impacted. Furthermore, additional customers such as A-10s from the 442 FW and transient aircraft will continue to be at the mercy of security issues in the PL-2 area potentially causing delays to their missions.</p>			

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION WHITEMAN AIR FORCE BASE, MISSOURI.		4. PROJECT TITLE: FLIGHTLINE FUELING FACILITIES	
5. PROGRAM ELEMENT 0702896S	6. CATEGORY CODE 126924	7. PROJECT NUMBER DESC2404	8. PROJECT COST (\$000) 19,500

Without the new jet fuel fillstands located at the south end of the airfield, travel time of the R-11 refuelers will continue to be longer than necessary, and greater manpower, fuel consumption and truck maintenance costs will continue.

Without ground vehicle fueling and C-300 diesel bulk loading capability on the flightline, greater wear and tear of the Base streets will continue from the heavy flightline vehicle traffic taking trips to the existing GOV service station. The extra manhours, fuel consumption and truck maintenance costs will continue without having a dedicated fueling station on the flightline.

Reduced travel distances both on the flightline for refueling operations and outside the flightline area for ground vehicles fueling greatly reduces the potential for accidents. Without a flightline vehicle fueling capability, personnel will continue to be placed at risk, particularly during inclement weather.

ADDITIONAL: This project shall meet all applicable DoD and Air Force criteria. The project site is not in a 100-year floodplain. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project.

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	JAN 2022
(b) Percent of Design Completed as of August 2023:	95%
(c) Design or RFP Complete:	JUL 2024
(d) Total Design Cost (\$000):	\$1,560
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	Yes
(3) Construction Data:	
(a) Contract Award:	NOV 2024
(b) Construction Start:	MAR 2025
(c) Construction Complete:	FEB 2027

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

Equipment Nomenclature	Procuring Appropriation	FY Appropriated of Requested	Cost (\$000)
Automatic Tank Gauging (ATG)	DWCF	2025	69
Vehicle identification reader (VIR)	DWCF	2025	131

1. COMPONENT DEFENSE (DLA)		FY 2025 MILITARY CONSTRUCTION PROGRAM				2. DATE MAR 2024		
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA			4. COMMAND DEFENSE LOGISTICS AGENCY			5. AREA CONSTRUCTION COST INDEX 1.84		
6. PERSONNEL		(1) PERMANENT		(2) STUDENTS		(3) SUPPORTED		(4) TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
b. AS OF 20170930								0
b. END FY 2022								0
7. INVENTORY DATA (\$000)								
a. TOTAL ACREAGE (acre)							0.00	
b. INVENTORY TOTAL AS OF YYYYMMDD							0.00	
c. AUTHORIZATION NOT YET IN INVENTORY							0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM							31,500.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM							0.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS							0.00	
g. REMAINING DEFICIENCY							0.00	
h. GRAND TOTAL							31,500.00	
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	
15140	Fuel Pier		1,644 SY		31,500	NOV 2022	FEB 2024	
9. FUTURE PROJECTS								
10. MISSION OR MAJOR FUNCTIONS								
<p>Marine Corps Air Station Beaufort is among the United States military's most important and most historically colorful installations. Consisting of some 6,900 acres 70 miles southwest of Charleston, South Carolina on Highway 21, the installation supports operations for 2nd Marine Aircraft Wing, attached II Marine Expeditionary Force units, and Marine Corps Recruit Depot Parris Island/Eastern Recruiting Region.</p>								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES								
					(\$000)			
A. Air Pollution					0			
B. Water Pollution					0			
C. Occupational Safety and Health					0			

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA		4. PROJECT TITLE: FUEL PIER	
5. PROGRAM ELEMENT 0701111S	6. CATEGORY CODE 15140	7. PROJECT NUMBER DESC2409	8. PROJECT COST (\$000) 31,500

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST
<u>PRIMARY FACILITIES</u>				\$ 15,393
FUEL PIER (CC 15140)	SY	1,644	\$ 6,914	\$ 11,367
FUEL ARM (CC 12630)	OL	2	\$ 1,837,500	\$ 3,675
STORAGE BUILDING (CC 15521)	SF	500	\$ 702	\$ 351
<u>SUPPORTING FACILITIES</u>				\$ 11,847
DEMOLITION	LS			\$ 6,344
PAVING AND SITE IMPROVEMENTS	LS			\$ 3,128
MECHANICAL UTILITIES	LS			\$ 852
ELECTRICAL UTILITIES	LS			\$ 851
INFORMATION SYSTEMS	LS			\$ 290
SITE PREPARATIONS	LS			\$ 232
ENVIRONMENTAL MITIGATION	LS			\$ 150
SUBTOTAL				\$ 27,240
CONTINGENCY (5.00%)				\$ 1,362
TOTAL CONTRACT COST				\$ 28,602
SUPERVISION, INSPECTION AND OVERHEAD (SIOH)			6.50%	\$ 1,859
ENGINEERING DESIGN DURING CONSTRUCTION				\$ 1,000
TOTAL REQUEST				\$ 31,461
TOTAL REQUEST (ROUNDED)				\$ 31,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				\$ 1,000

10. DESCRIPTION OF PROPOSED CONSTRUCTION:

Construct a new fuel pier to replace the existing pier. The new pier will include pile foundations, decking, mooring dolphins, and all other necessary appurtenances. New fuel infrastructure includes fuel arms, piping, pumps, tanks, meters, and other required equipment. New fuel infrastructure will tie into existing infrastructure. New storage shed will be constructed on the new pier which will consist of a metal frame, wall panels, overhead door, and personnel door.

Site preparation and improvements include a realignment of the existing road to be in accordance with the new fuel pier, a connection to the existing small boat facility, potable water lines, electrical utilities and infrastructure, life safety equipment, site lighting, and site grading. The existing fuel pier will be demolished to the extent where required to construct the new fuel pier and provide temporary infrastructure to maintain operations.

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA		4. PROJECT TITLE: FUEL PIER	
5. PROGRAM ELEMENT 0701111S	6. CATEGORY CODE 15140	7. PROJECT NUMBER DESC2409	8. PROJECT COST (\$000) 31,500
<p>11. REQUIREMENT: 1,644 SY ADQT: 0 SY SUBSTD: 2,724 SY</p> <p><u>PROJECT:</u> Replace a structurally deficient and failing fueling pier with a new reliable fueling pier.</p> <p><u>REQUIREMENT:</u> This project will ensure a functional, efficient, cost effective and safe means of fueling DoD/ Navy equipment assigned to MCAS Beaufort is available to support the installation mission. This facility will provide the capacity to keep a MCAS Beaufort with a full fuel load for its training and operational flying missions including the 2nd Marine Aircraft Wing, Marine Aircraft Group (MAG)-31, its associated squadrons, and II Marine Expeditionary Force units. The elements of MAG-31 grew with the introduction of the F-35B Lightning II Joint Strike Fighter.</p> <p><u>CURRENT SITUATION:</u> Fuel delivery to the installation primarily relies on incoming fuel barges. The current facilities consist of a main fueling pier, North and South breasting platforms, and North and South mooring platforms, which were all constructed in 1957. The fueling pier connects to land with a pile supported concrete approach. Fuel piping is routed along the approach, across the fueling pier, along the access walkway to a marine loading arm on the South breasting platform. The foundations of the pier now exhibit extreme corrosion cracking and spalling such that its load capacity no longer supports fire trucks or fuel trucks. Previous attempts to repair the underlying concrete structures failed to restore the pier to an adequate condition.</p> <p><u>IMPACT IF NOT PROVIDED:</u> MCAS Beaufort is currently the only training base for F-35B pilots, making it essential to Marine Corps Aviation. If this project is not provided, the pier will continue to deteriorate, despite attempted repairs, impacting the structural capacity of the pier, leading to its eventual shutdown. Loss of the use of the fuel pier would force MCAS Beaufort to receive its JP-5 jet fuel by tanker truck. Forty-eight tanker trucks are required to provide the amount of fuel that can be supplied by one fuel barge. All those trucks entering and exiting the base pose a traffic headache and a logistics hurdle that would be difficult to overcome. In 2017, MCAS Beaufort received 28 barges. This would equate to an average of 112 tanker trucks per month or about 5-6 trucks per working day. By 2020, the fuel requirement increased to 33 barges and that amount is expected to continue to increase. In addition, offloading trucks daily takes significant manpower that is currently not required with barge receipt and as a result, MCAS Beaufort currently does not have an efficient method to offload that volume of tankers. Loss of the fuel pier for any sustained period would reduce MCAS Beaufort capacity to support the F-35B training mission.</p> <p><u>ADDITIONAL:</u> Antiterrorism/Force Protection will be in accordance with the local threat assessment. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project. The fuel pier site is located in the 100-year flood plain. The 2018 Marine Corp Air Station Beaufort Fuel Pier Analysis concluded that equipment which could be negatively affected by floodwaters be elevated to two-feet above the high-water level of a projected 100-year flood.</p>			

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA		4. PROJECT TITLE: FUEL PIER	
5. PROGRAM ELEMENT 0701111S	6. CATEGORY CODE 15140	7. PROJECT NUMBER DESC2409	8. PROJECT COST (\$000) 31,500

12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	NOV 2022
(b) Percent of Design Completed as of July 2023:	35%
(c) Design or RFP Complete:	JUL 2024
(d) Total Design Cost (\$000):	\$3,723
(e) Energy Study and/or Life Cycle Analysis performed:	No
(f) Standard or definitive design used:	No
(3) Construction Data:	
(a) Contract Award:	JAN 2025
(b) Construction Start:	APR 2025
(c) Construction Complete:	APR 2027

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated of Requested</u>	<u>Cost (\$000)</u>
Automated Fuel Handling Equipment	DWCF	2025	1,000

Point of Contact is DLA Engineer at 571-767-0631

1. COMPONENT DEFENSE (DLA)			FY 2025 MILITARY CONSTRUCTION PROGRAM				2. DATE MAR 2024				
3. INSTALLATION AND LOCATION DLA DISTRIBUTION CORPUS CHRISTI, NAVAL AIR STATION CORPUS CHRISTI, TEXAS					4. COMMAND DEFENSE LOGISTICS AGENCY			5. AREA CONSTRUCTION COST INDEX 0.18			
6. PERSONNEL		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
b. AS OF											0
b. END FY											0
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (acre)										0.00	
b. INVENTORY TOTAL AS OF 20240930										0.00	
c. AUTHORIZATION NOT YET IN INVENTORY										0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										79,300.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										0.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS										0.00	
g. REMAINING DEFICIENCY										0.00	
h. GRAND TOTAL										79,300.00	
8. PROJECTS REQUESTED IN THIS PROGRAM											
a. CATEGORY				b. COST (\$000)		c. DESIGN STATUS					
(1) CODE	(2) PROJECT TITLE		(3) SCOPE			(1) START	(2) COMPLETE				
44110	GENERAL PURPOSE		156,600 SF		79,300	SEP 2022	APR 2024				
9. FUTURE PROJECTS											
10. MISSION OR MAJOR FUNCTIONS											
<p>NAS Corpus Christi is home of Chief of Naval Air Training headquarters that oversees training operation throughout the Southeast region, with five air wings and 16 training squadrons. The largest tenant among 40 command tenant is the Corpus Christi Army Depot (CCAD). With facilities sprawled over 140 leased acres. CCAD is the army's largest helicopter repair, overhaul, and maintenance center. Defense Logistics Agency (DLA) distribution mission at Corpus Christi Texas, is to supply aviation spare parts to ensure the CCAD can meet its mission.</p>											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES											
										(\$000)	
A. Air Pollution										0	
B. Water Pollution										0	
C. Occupational Safety and Health										0	

1. COMPONENT DEFENSE (DLA)		FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024	
3. INSTALLATION AND LOCATION DLA DISTRIBUTION CORPUS CHRISTI, NAVAL AIR STATION CORPUS CHRISTI, TEXAS.			4. PROJECT TITLE: GENERAL PURPOSE WAREHOUSE		
5. PROGRAM ELEMENT 0701111S		6. CATEGORY CODE 44110	7. PROJECT NUMBER DDCX2102	8. PROJECT COST (\$000) 79,300	
9. COST ESTIMATES					
<u>PRIMARY FACILITIES</u>					
GENERAL PURPOSE WARE HOUSE (44110)		SF	156,600	\$ 407.66	\$ 63,839,200 \$ 63,839,197
<u>SUPPORTING FACILITIES</u>					
SITE PREPARATIONS		LS			\$ 7,074,846 \$ 3,299,233
SITE CIVIL /MECHANICAL UTILITIES		LS			\$ 1,300,246
SITE IMPROVEMENTS AND PAVING		LS			\$ 625,894
SITE ELECTRICAL/ COMMUNICATION UTILITIES		LS			\$ 841,500
CYBERSECURITY		LS			\$ 827,763
DEMOLITION		LS			\$ 180,210
SUBTOTAL					\$ 70,914,046
CONTINGENCY (5.00%)					\$ 3,545,700
TOTAL CONTRACT COST					\$ 74,459,800
SUPERVISION, INSPECTION AND OVERHEAD (SIOH)				6.50%	\$ 4,839,900
TOTAL REQUEST					\$ 79,299,700
TOTAL REQUEST (ROUNDED)					\$ 79,300,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS					\$ 2,494
10. DESCRIPTION OF PROPOSED CONSTRUCTION:					
Construct a General Purpose Warehouse (GPW) with concrete floors and 26-foot (approx. 7.92-meter) clear stacking height. The new facility will include weather-sealed truck doors, loading/unloading docks with dock levelers, a wide forklift ramp with wide overhead door access into the building, and a bridge crane. An Administrative Area with office space, restrooms, and employee lunch/break room, and a utility area to support all utility functions. Building information systems, Cybersecurity measures and handicapped access will be provided. Supporting facilities include all utilities plus, lift station for sewage rerouting, fire protection, storm drainage, site information systems, site lighting, paving (access roadways, hardstand aprons, parking), sidewalks, and related site improvements. Sustainable Design and Development (SDD), Energy Policy Act, and Energy Independence and Security Act (EISA) features will be provided. Measures in accordance with the Department of Defense (DoD) minimum antiterrorism standards for buildings will be provided. Demolition of existing Warehouse Building 1818 (approx. 8,000 SF) is included.					

1. COMPONENT DEFENSE (DLA)		FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024	
3. INSTALLATION AND LOCATION DLA DISTRIBUTION CORPUS CHRISTI, NAVAL AIR STATION CORPUS CHRISTI, TEXAS.			4. PROJECT TITLE: GENERAL PURPOSE WAREHOUSE		
5. PROGRAM ELEMENT 0701111S		6. CATEGORY CODE 44110	7. PROJECT NUMBER DDCX2102	8. PROJECT COST (\$000) 79,300	
11. REQUIREMENT:		Requirement: 521,004 SF	Adequate: 162,789 SF	Substandard 139,651 SF	
<p><u>PROJECT:</u> This project constructs a one-story General Purpose Warehouse, (GPW), for the Defense Logistics Agency, (DLA), located on Naval Air Station, Corpus Christi, Texas.</p> <p><u>REQUIREMENT:</u> An adequate, modern GPW is required for the storage of bulk materiel, that is currently stored as unprotected outdoor storage. The DLA Distribution Corpus Christi (DCC) mission statement is to execute responsive world-class distribution support of aviation repair parts for the warfighters to enable and sustain mission readiness. DLA DCC's primary mission is to support the aviation maintenance mission (Helicopter Rebuild Program) at Corpus Christi Army Depot (CCAD). This includes providing aviation system supply support for all services. The following platforms are supported: Attack Helicopter (AH)-1, AH-64, M/S/UH-60, Observation Helicopter (OH)-6, OH-58, and Utility Helicopter (UH)-1N. Distribution also provides general support to DLA's worldwide warehousing mission. Primary DLA Corpus Christi facility requirements are driven by the needs of CCAD and the redevelopment of the Dynamic Component Rebuild Facility (DCRF) complex. The DCRF requires covered space for its large aviation components currently in unprotected outdoor open storage lots. To meet its missions, DLA DCC needs to provide additional warehouse storage capacity to support a fast-growing CCAD and DCRF mission by relocating key operations to fit the development pattern of NAS, and provide covered general purpose storage space to reduce losses due to environmental degradation of bulk materiel that is currently stored as unprotected outdoor storage.</p> <p><u>CURRENT SITUATION:</u> DLA DCC has an overall lack of covered general purpose storage space for Distribution Services' staging, storage, and processing needs. Adequate GPW assets are not available to support the DLA mission, which is to support the aviation maintenance mission (Helicopter Rebuild Program) at CCAD. Covered general purpose storage (warehouse) space is required for bulk materiel that is currently stored on unprotected outdoor storage areas. The demand for protected storage of new repair parts and the storage of components in various stages of refurbishment for reuse has exceeded the capacity of the available warehousing. Many of these bulk items are not meant for outdoor storage and the outdoor locations that they occupy are not intended for materiel storage. This ill fit storage condition is causing operational and safety issues for both DLA Distribution and the Depot, demonstrated by the following:</p> <ul style="list-style-type: none"> • Many of the bulk items being inappropriately stored outside become weathered (humidity, corrosion), ruined, or otherwise unusable by the time they are called for issue. Recently, aviation components valued at \$15 million were disposed of because of deterioration caused by a lack of adequate weather protection. This damage of resources is both economically and environmentally counterproductive. There is not only waste of materiel resources, but also the human resources that must receive, store, and eventually dispose of the materiel. • Frequent high wind conditions have resulted in rotary-wing containers (helicopter blades) being moved about and damaged. • The resultant widespread outdoor storage results in lost man-hours in not only retrieving materiel but also in conducting routine condition checks of the materiel. 					

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024																																
3. INSTALLATION AND LOCATION DLA DISTRIBUTION CORPUS CHRISTI, NAVAL AIR STATION CORPUS CHRISTI, TEXAS.		4. PROJECT TITLE: GENERAL PURPOSE WAREHOUSE																																	
5. PROGRAM ELEMENT 070111S	6. CATEGORY CODE 44110	7. PROJECT NUMBER DDCX2102	8. PROJECT COST (\$000) 79,300																																
<p>IMPACT IF NOT PROVIDED: If this project is not provided, DLA DCC will continue to lack the covered general purpose storage space required for weather sensitive aviation repair components. Large aviation components will continue to deteriorate (humidity, corrosion) due to exposure to the weather in unprotected outdoor open storage lots. DLA DCC mission-readiness will continue to be negatively impacted by losses to materiel due to exposure to the weather in unprotected outdoor open storage.</p> <p>ADDITIONAL: Antiterrorism/Force Protection will be in accordance with the local threat assessment. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project. This project has been coordinated with the installation physical security plan and all physical security measures are included. All required antiterrorism protection measures are included.</p>																																			
<p>12. Supplemental Data:</p> <p>A. Estimated Execution Data:</p> <table> <tr> <td>(1) Acquisition Strategy:</td> <td>Design/Bid/Build</td> </tr> <tr> <td>(2) Design Data:</td> <td></td> </tr> <tr> <td> (a) Design or Request for Proposal (RFP) Started:</td> <td>OCT 2022</td> </tr> <tr> <td> (b) Percent of Design Completed as of July 2023:</td> <td>35%</td> </tr> <tr> <td> (c) Design or RFP Complete:</td> <td>JUL 2024</td> </tr> <tr> <td> (d) Total Design Cost (\$000):</td> <td>\$3,223</td> </tr> <tr> <td> (e) Energy Study and/or Life Cycle Analysis performed:</td> <td>Yes</td> </tr> <tr> <td> (f) Standard or definitive design used:</td> <td>Yes</td> </tr> <tr> <td>(3) Construction Data:</td> <td></td> </tr> <tr> <td> (a) Contract Award:</td> <td>NOV 2024</td> </tr> <tr> <td> (b) Construction Start:</td> <td>FEB 2025</td> </tr> <tr> <td> (c) Construction Complete:</td> <td>FEB 2027</td> </tr> </table> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th><u>Equipment Nomenclature</u></th> <th><u>Procuring Appropriation</u></th> <th><u>FY Appropriated of Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>FF&E</td> <td>DWCF</td> <td>2024</td> <td>994</td> </tr> </tbody> </table>				(1) Acquisition Strategy:	Design/Bid/Build	(2) Design Data:		(a) Design or Request for Proposal (RFP) Started:	OCT 2022	(b) Percent of Design Completed as of July 2023:	35%	(c) Design or RFP Complete:	JUL 2024	(d) Total Design Cost (\$000):	\$3,223	(e) Energy Study and/or Life Cycle Analysis performed:	Yes	(f) Standard or definitive design used:	Yes	(3) Construction Data:		(a) Contract Award:	NOV 2024	(b) Construction Start:	FEB 2025	(c) Construction Complete:	FEB 2027	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated of Requested</u>	<u>Cost (\$000)</u>	FF&E	DWCF	2024	994
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1. COMPONENT DEFENSE (DLA)			FY 2025 MILITARY CONSTRUCTION PROGRAM						2. DATE MAR 2024		
3. INSTALLATION AND LOCATION NAVAL AIR STATION WHIDBEY ISLAND, WA					4. COMMAND DEFENSE LOGISTICS AGENCY			5. AREA CONSTRUCTION COST INDEX 1.26			
6. PERSONNEL		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
20240930		1517	7349	468							9334
b. END FY 2029		1517	7345	496							9358
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE (acre)								4,167.77			
b. INVENTORY TOTAL AS OF YYYYMMDD								0.00			
c. AUTHORIZATION NOT YET IN INVENTORY								0.00			
d. AUTHORIZATION REQUESTED IN THIS PROGRAM								54,000.00			
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM								0.00			
f. PLANNED IN NEXT THREE PROGRAM YEARS								0.00			
g. REMAINING DEFICIENCY								0.00			
h. GRAND TOTAL								54,000.00			
8. PROJECTS REQUESTED IN THIS PROGRAM											
a. CATEGORY			b. COST (\$000)			c. DESIGN STATUS					
(1) CODE	(2) PROJECT TITLE		(3) SCOPE			(1) START	(2) COMPLETE				
12110	Fuel Hydrant System		14 OL		54,000	MAR 2022	AUG 2023				
9. FUTURE PROJECTS											
10. MISSION OR MAJOR FUNCTIONS											
As the sole naval aviation support in the Pacific Northwest, provides the highest quality facilities, services and products to the naval aviation community and all organizations utilizing Naval Air Station Whidbey Island.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES											
					(\$000)						
A. Air Pollution					0						
B. Water Pollution					0						
C. Occupational Safety and Health					0						

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024	
3. INSTALLATION AND LOCATION NAVAL AIR STATION WHIDBEY ISLAND, WA		4. PROJECT TITLE: HYDRANT FUELING SYSTEM		
5. PROGRAM ELEMENT 0702979S	6. CATEGORY CODE 12110	7. PROJECT NUMBER DESC2406	8. PROJECT COST (\$000) 54,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST
<u>PRIMARY FACILITIES</u>				
AIRCRAFT DIRECT FUELING STATIONS (CC 12110)	OL	14	\$ 1,443,873.31	\$ 20,214
POL PUMPHOUSE (CC 12516)	GM	3,000	\$ 5,518.09	\$ 16,554
<u>SUPPORTING FACILITIES</u>				
Site Preparation/Improvements	LS			\$ 6,223
Civil/Mechanical Utilities	LS			\$ 707
Site Electrical	LS			\$ 2,712
Environmental Mitigation	LS			\$ 392
Cybersecurity	LS			\$ 250
SUBTOTAL				\$ 47,052
CONTINGENCY (5.00%)				\$ 2,353
TOTAL CONTRACT COST				\$ 49,405
SUPERVISION, INSPECTION AND OVERHEAD (SIOH)			6.50%	\$ 3,211
ENGINEERING DESIGN DURING CONSTRUCTION				\$ 1,356
TOTAL REQUEST				\$ 53,972
TOTAL REQUEST (ROUNDED)				\$ 54,000
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS				\$ 2,104
10. DESCRIPTION OF PROPOSED CONSTRUCTION:				
<p>Project will provide an aircraft hydrant fueling system with fourteen fueling station, hydrant loop piping, and pumphouse located on the south end of the NAS Whidbey Island (NASWI) airfield parking apron. The pumphouse for the hydrant system will be located in, and tie into, the existing fuel farm at NASWI. It will provide five 600-GPM pumps, filter separators, a jockey pump and all related piping, piping supports, valves, and appurtenances. The pump house will contain pump room, control room, fire sprinkler room, restroom and mechanical room, along with cross connect fuel transfer piping, emergency shut-offs, emergency shower and eyewash, HVAC, fire sprinklers, alarms, bridge crane, pump controls, grounding and lightning protection, pump control systems, emergency fuel shut-offs, communications and data infrastructure, leak detection panels and environmental management control systems equipment. The project will also provide a pantograph flushing station to service the pantographs used by the hydrant system, and modifications to the existing fuel system to provide the capability to reject and return off-spec fuel.</p> <p>Site utilities include electrical, mechanical, and water improvements. Electrical utilities include underground electrical to tanks and hydrant system light poles as required, a new transformer, and standby generator. Mechanical utilities include water/fire supply line to new fuel facility, stormwater infrastructure to support requirements from increased impervious surfaces, and demolition.</p> <p>Environmental mitigation as required by state and local laws.</p> <p>Cybersecurity is to cover the DoD cybersecurity requirements as well as Navy's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.</p>				

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
3. INSTALLATION AND LOCATION NAVAL AIR STATION WHIDBEY ISLAND, WA		4. PROJECT TITLE: HYDRANT FUELING SYSTEM	
5. PROGRAM ELEMENT 0702979S	6. CATEGORY CODE 12110	7. PROJECT NUMBER DESC2406	8. PROJECT COST (\$000) 54,000
<p>11. REQUIREMENT: 14 OL ADQT: 0 OL SUBSTD: 0 OL</p> <p><u>PROJECT:</u> Construct a new aircraft direct fueling hydrant system with outlets supporting moveable pantographs and piping in accordance with military petroleum fuel facilities standards.</p> <p><u>REQUIREMENT:</u> Construct new Aircraft Hydrant Fueling system to support the increased fuel distribution requirements of the P-8A Poseidon and other large frame aircraft at NASWI.</p> <p>Current fueling operations an infrastructure at NASWI were established prior to the shift from the P-3 to P-8A aircraft stationed now at NASWI. An efficient fuel delivery system is required at NASWI to provide for the training and operational fuel support needs of eight fleet carrier based squadrons, four active duty expeditionary squadrons, one reserve expeditionary squadron and the fleet replacement squadron for EA-18G electronic attack aircraft, six active duty squadrons and one reserve squadron of P-8A patrol and reconnaissance aircraft currently assigned, and one logistics support squadron and transient aircraft that transit through NASWI in support of local and other Department of Defense missions.</p> <p><u>CURRENT SITUATION:</u> Currently the P-3 and P-8A aircraft are refueled using tank trucks which load up outside the airfield security enclave. Refueling of P-8A aircraft by truck requires two tanker truck deliveries of fuel, and one truckload of fuel is required for a P-3 or EA-18G. The increased number of platforms with higher fuel capacity in addition to the longer cycle time through the security and foreign object detection checkpoint is straining the ability of the air wings to refuel as six operational P-8A squadrons compete with EA-18G aircraft for fueling priority. A hydrant system will provide a more reliable and efficient means to support the increased P-8 operations meet their schedule requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this system fuel truck deliveries to the flightline will need to increase as P-8A aircraft assigned grow and flight operations continue to increase. This will cause further congestion on the parking apron, with increased fuel truck congestion contributing to a higher likelihood of a mishap resulting in damage to Navy assets or injury to personnel.</p> <p>The cost of fuel delivery by truck is higher than fuel delivered by hydrant system. The economic analysis has found that total costs of aircraft fueling will be more than \$10M dollars greater over a thirty-two-year period of analysis if fuel trucks are continued to be used versus construction of a hydrant system.</p> <p><u>ADDITIONAL:</u> This project meets all applicable DoD criteria. The Defense Logistics Agency certifies that this facility was considered for joint use, as applicable, by other components. Mission requirements, operational considerations, and location are incompatible with use by other components. The project design, development, and construction will integrate sustainable principles, to include Life Cycle cost effective practices, in accordance with Executive Orders, and other applicable laws. This project will meet all applicable DOD criteria to include cyber-security.</p>			

1. COMPONENT DEFENSE (DLA)	FY 2025 MILITARY CONSTRUCTION PROJECT DATA		2. Date MAR 2024
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12. Supplemental Data:

A. Estimated Execution Data:

(1) Acquisition Strategy:	Design/Bid/Build
(2) Design Data:	
(a) Design or Request for Proposal (RFP) Started:	JUL 2021
(b) Percent of Design Completed as of January 2021:	95%
(c) Design or RFP Complete:	NOV 2023
(d) Total Design Cost (\$000):	\$3,141
(e) Energy Study and/or Life Cycle Analysis performed:	Yes
(f) Standard or definitive design used:	Yes
(3) Construction Data:	
(a) Contract Award:	MAR 2025
(b) Construction Start:	JULY 2025
(c) Construction Complete:	SEP 2027

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated of Requested</u>	<u>Cost (\$000)</u>
Video Surveillance Cameras	NAVY O&M	2026	38
Furniture, Fixtures, and Equipment	NAVY O&M	2026	2
Relocatable Fuel Pantographs	DWCF	2025	1,583
Automated Fuel Handling Controls	DWCF	2025	481