

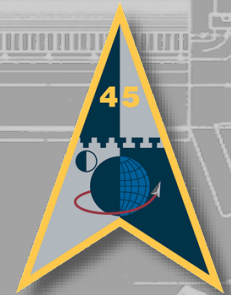


US Army Corps
of Engineers®

PATRICK SFB/CAPE SFS

USACE PROJECT SUMMARY

February 2023





**US Army Corps
of Engineers.**

PATRICK SFB/CAPE CANAVERAL SFS FUTURE USACE PROJECT SUMMARY

Agenda

Patrick SFB

- FY23 Consolidated Communications Center
- FY24 Commercial Vehicle Inspection Facility
- FY24 Final Denial Barriers, South Gate

Cape Canaveral Energy Resilience

- FY23 Underground Electric Distribution System

Cape Canaveral Space Port of The Future

- FY25 Install Water Main
- FY25 Install Wastewater Main
- FY25 Install Redundant Power Distribution
- FY25 Install Generator Morell Operation Center
- FY26 Construct Phillips Parkway Haul Route



**US Army Corps
of Engineers.**

PATRICK SFB/CAPE CANAVERAL SFS FUTURE USACE PROJECT SUMMARY

Agenda

Cape Canaveral Space Port of The Future (Continued)

- FY27 Construct Consolidated Storage/Warehouse Phase I
- FY27 Construct Consolidated Storage/Warehouse Phase II
- FY27 Construct Consolidated Launch Support Facility Phase I
- FY27 Construct Consolidated Launch Support Facility Phase II
- FY27 Construct Consolidated Shop/Laboratory Facility Phase I
- FY27 Construct Consolidated Shop/Laboratory Facility Phase II



CONSOLIDATED COMMUNICATIONS CENTER (FY23)

US Army Corps
of Engineers

PROJECT INFORMATION

Project Number: SXHT023004

- PA: \$98M
- CWE:
- AE: Benham
- Acquisition Strategy: Design Bid Build

Scope: 100% design for a 95,000 SF, three story Space communications facility. The proposed facility is the main communications hub at Patrick Space Force Base and critical to space launch mission. The facility supports Air Force Technical Applications Center mission and connections to world-wide sites, 920th Rescue Wing mission of combat search and rescue, as well as Department of State, Defense Information Systems Agency, Space & Missile Center. Critical network operations and control center switch provides services to Patrick Space Force Base, Ascension Auxiliary Airfield, Cape Canaveral and remainder of Eastern Range. Project includes relocating the CE Maint facility.

SCHEDULE / MILESTONES

- 65% Design submission: 15 AUG 22
- 100% Design submission: 07 MAR 23
- RTA Design submittal: 15 JUN 23
- Ready to advertise: 01 OCT 23
- Advertise: 01 MAR 24
- Award: 01 JUN 24



STATUS / CHALLENGES / WAY AHEAD

- STATUS: Design Completed
- CHALLENGES: New PLA agreement
- ISSUES:
- WAY AHEAD: RFP



COMMERCIAL VEHICLE INSPECTION FACILITY(FY24)

US Army Corps
of Engineers.

PROJECT INFORMATION

Project Number: SXHT153003

- **PA:** \$15,000,000
- **CWE:**
- **AE:** MERRICK-ATKINS JOINT VENTURE, LLP
- **Acquisition Strategy:** Design Build

Scope Construct an Entry Control Facility (ECF) for large commercial vehicles to include a new Commercial Vehicle Inspection Facility (CVIF), Gatehouse, Final Denial Barriers, Over watch and Road Network to meet UFC 4-022-01.

SCHEDULE / MILESTONES

- Ready To Advertise: 30 AUG 23
- Advertise: 15 MAR 2024
- Site Visit: APR 2024
- Award: MAY 2024
- NTP: JUN



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Working solicitation Package
- **CHALLENGES:** Gate remaining open during construction
- **ISSUES:** None
- **WAY AHEAD:** Advertise



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FINAL DENIAL BARRIERS, SOUTH GATE (FY24)

PROJECT INFORMATION

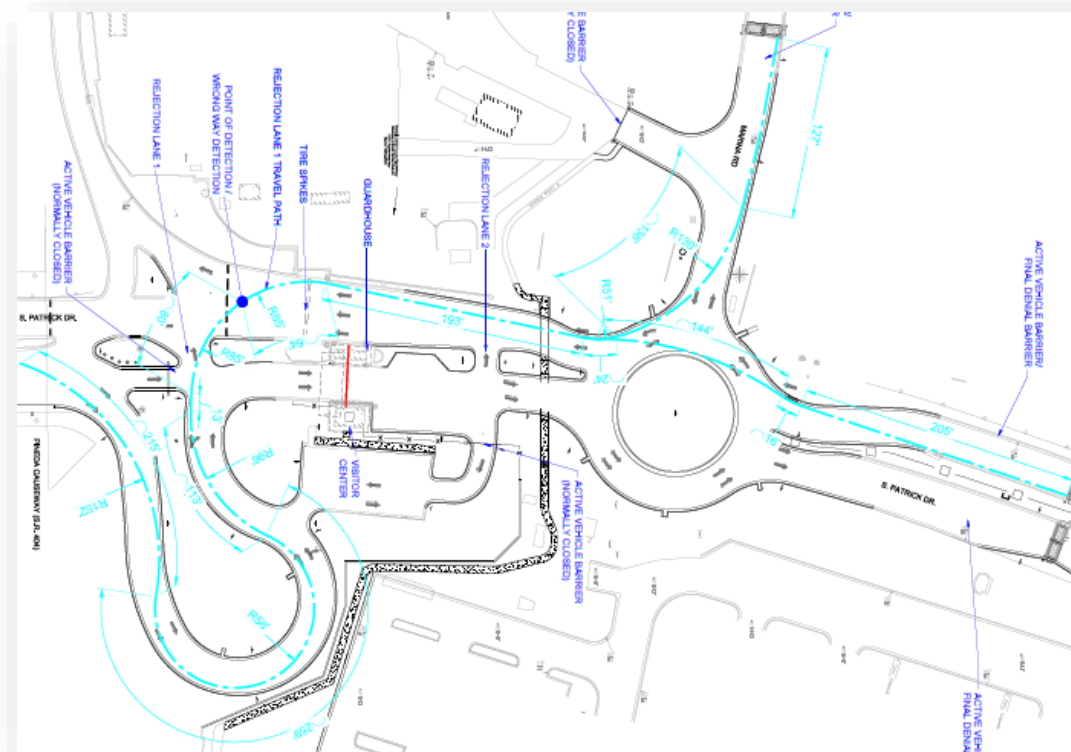
Project Number: SXHT111085

- PA: \$12,000,000
- CWE:
- AE: Raymond Pond
- Acquisition Strategy: Design Bid Build

Scope: Construction of final denial barriers at the 45 SW South Entry Gate on S Patrick Drive; and at entrance to Marina Road; retractable cable barrier system along S Patrick and barriers to isolate the Medical Clinic parking lot..

SCHEDULE / MILESTONES

- Ready To Advertise: 30 AUG 23
- Advertise: APR 2024
- Site Visit: MAY 2024
- Award: JUN 2024
- NTP: TBD



STATUS / CHALLENGES / WAY AHEAD

- STATUS: Waiting on Authority to advertise
- CHALLENGES: None
- ISSUES: None
- WAY AHEAD: Advertise



UNDERGROUND ELECTRICAL DISTRIBUTION, CCSFS (FY23)

US Army Corps
of Engineers.

PROJECT INFORMATION

Project Number: DBEH07588 - ERCIP

- **PA:** \$8.7M
- **CWE:**
- **AE:** Nelson Engineering
- **Acquisition Strategy:** DBB

Scope: This project replaces overhead electric distribution line with an underground electric distribution system to provide reliable and resilient electricity to facilities at Cape Canaveral Space Force Station.

SCHEDULE / MILESTONES

- **Ready to advertise:** 1 MAY 23
- **Advertise:** 15 MAR 24
- **Award:** 01 JUN 24
- **NTP:** TBD



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Sent to CT for Solicitation
- **CHALLENGES:**
- **ISSUES:**
- **WAY AHEAD:** Award contract



US Army Corps
of Engineers.

INSTALL WATER MAIN CCSFS (FY25)

PROJECT INFORMATION

Project Number: DBEH227740

- **PA:** \$10.1M
- **CWE:** N/A
- **AE:** CEMS
- **Acquisition Strategy:** DBB

Scope: Construct 14,667 feet of 8-inch potable water pipe along ICBM Road between Space Launch Complex (SLC) 20 and Central Control Rd. The new potable water main will connect to an existing 12" Potable water line at SLC-20 and an existing 8" potable water line at Central Control rd. creating a loop to mitigate pressure loss and water quality issues. Construct 400 SF chlorine injection facility along new water main.

SCHEDULE / MILESTONES

- **Receive Seed Funds:** 10 MAY 23
- **Award A/E contract:** 30 SEP 23
- **Charrette:** 11-12 OCT 23
- **35% Design Submittal:** 07 MAR 24
- **65% Design Submittal:** 10 JUL 24
- **100% Design Submittal:** 16 SEP 24
- **RTA Submittal:** 24 OCT 24
- **Award:** APR 25



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Verified that the chlorination station was not required with this project.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** 35% design



US Army Corps
of Engineers.

INSTALL WASTEWATER MAIN CCSFS (FY25)

PROJECT INFORMATION

Project Number: DBEH227743

- **PA:** \$10M
- **CWE:** N/A
- **AE:** CEMS
- **Acquisition Strategy:** DBB

Scope: Install two 4-inch High Density Polyethylene wastewater force main pipes along ICBM Road. The first will run 5,800 feet from the SLC-16 to Samuel Phillips Parkway and Freedom Road connecting to an existing 4" force main line and the second will run 8,500 feet from SLC-15 to Central Control Road connecting to an existing 4" force main to Blue Origin Launch Complex (SLC-36)..



SCHEDULE / MILESTONES

- **Receive Seed Funds:** 10 MAY 23
- **Award A/E contract:** 30 SEP 23
- **Charrette:** 11-12 OCT 23
- **35% Design Submittal:** 07 MAR 24
- **65% Design Submittal:** 10 JUL 24
- **100% Design Submittal:** 16 SEP 24
- **RTA Submittal:** 24 OCT 24
- **Award:** APR 25

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Completed Design Kickoff charrette
- **CHALLENGES:** Existing sanitary system to the north has capacity based on email from 45CES on 12 Jan. AE is proceeding to 35% design. Base has provided the AE with requested head pressures on both existing force mains and number of occupants to design for at each launch site.
- **ISSUES:** None
- **WAY AHEAD:** 35% design



INSTALL REDUNDANT POWER DISTRO CCSFS (FY25)

US Army Corps
of Engineers.

PROJECT INFORMATION

Project Number: DBEH227760

- **PA:** \$5.7M
- **CWE:**
- **AE:** Baskerville and Donovan
- **Acquisition Strategy:** DBB

Scope: Install 3.75 miles of 500kcmil, 15kV conductors in existing duct bank through new pad mount sectionalizing and switching cabinets along Pier/Lighthouse Road between CX46 and CX25. At CX46, connect the new feed to existing switch CCIG9 to pick up power from the North Substation. At CX25, connect the new feed to existing switch PRIG3 through a new 200-amp switch with automatic transfer capability for power to existing transformers SWSAI1 and SWSAI2. Provide SCADA monitoring of new ATS.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** 10 MAY 23
- **Award A/E contract:** 30 SEP 23
- **Charrette:** Week of 7 NOV 23
- **35% Design Submittal:** FEB 24
- **65% Design Submittal:** JUN 24
- **100% Design Submittal:** OCT 24
- **RTA Submittal:** NOV 24

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** 35% cost est provided 31 Jan. Increase in cost due to need for additional duct bank and additional sectionalizing cabinets.
- **CHALLENGES:** Gaps identified in base GIS information so additional survey work is required.
- **ISSUES:** None
- **WAY AHEAD:** 35% design



INSTALL EMERGENCY GENERATOR CCSFS (FY25)

US Army Corps
of Engineers.

PROJECT INFORMATION

Project Number: DBEH227763

- **PA:** \$5.1M
- **CWE:**
- **AE:** Baskerville and Donovan
- **Acquisition Strategy:** DBB

Scope: Install a 1.5 mW/480V emergency generator and 2000A automatic transfer switch. Provide above ground storage for 500 gallons of fuel, concrete pads, grounding, conduit, and conductors. Generator engine shall meet sustainability requirements such as those required in the most current air emissions regulations.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** 10 MAY 23
- **Award A/E contract:** 30 SEP 23
- **Charrette:** Week of 7 NOV 23
- **35% Design Submittal:** 08 FEB 24
- **100% Design Submittal:** 08 JUN 24
- **RTA Submittal:** 18 JUL 24

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** 35% cost est submitted 01 Feb. 35% submittal on 08 Feb.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** 35% design review meeting



CONSTRUCT PHILLIPS PARKWAY HAUL ROUTE(FY26)

US Army Corps
of Engineers.

PROJECT INFORMATION

Project Number: DBEH227740

- **PA:** \$17.1M
- **CWE:** N/A
- **AE:** CEMS
- **Acquisition Strategy:** DBB

Scope: Adding a twelve-foot lane to north and southbound Phillips Parkway from the South Gate to the road split just south of the Industrial Area. Add a twelve-foot lane to Hangar Road from the intersection with NASA Causeway south to the merge with Phillips Parkway. New lanes shall include four-foot shoulders. Provide maintenance of traffic and reroute utilities.

SCHEDULE / MILESTONES

- **Receive Seed Funds:** 27 JUN 23
- **Award A/E contract:** FEB 24
- **Charrette:** MAR 13-14, 24
- **35% Design Submittal:** APR 24
- **65% Design Submittal:** OCT 24
- **100% Design Submittal:** FEB 25
- **RTA Submittal:** APR 25



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Delay in getting the 2807 approved from congress to allow release of P&D funds for award of AE contract.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** Award A/E contract and schedule kickoff meeting



CONSTRUCT CONSOLIDATED STORAGE/WAREHOUSE PHASE I (FY27)

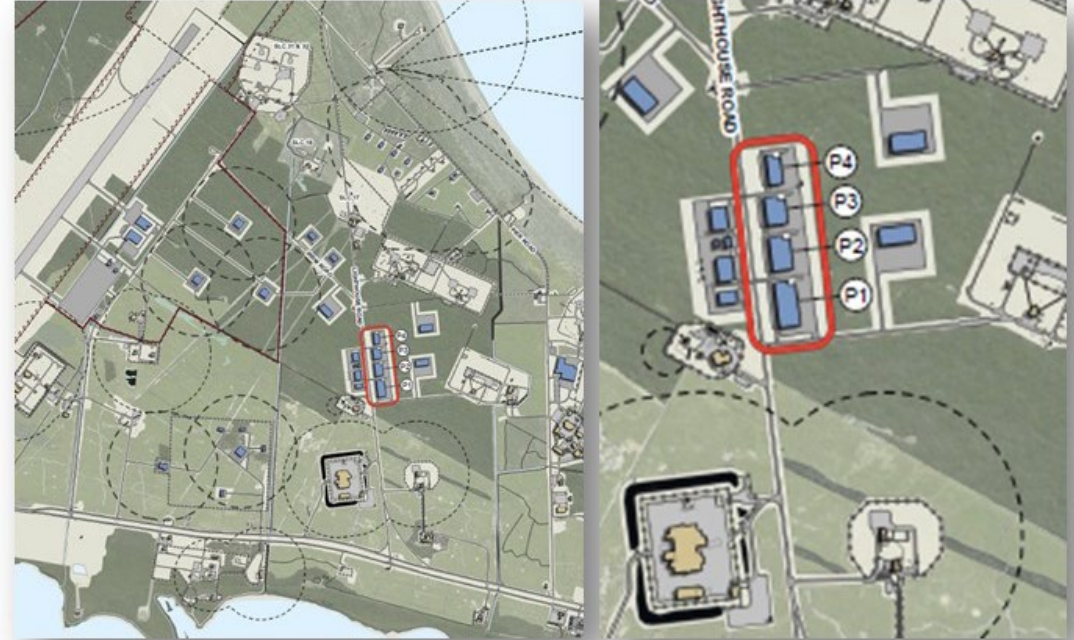
US Army Corps
of Engineers.

PROJECT INFORMATION

Project Number: DBEH227756 Phase I

- **PA:** \$40.4 M
- **CWE:** N/A
- **AE:** TBD
- **Acquisition Strategy:** DBB

Scope: Construct an 80,000 SF of high-bay storage/warehouse facility to replace and consolidate various storage facilities currently located within the CCSFS Industrial Area which have reached their end of life and/or must be evacuated during day-of-launch operations. This project provides space for warehousing and storage functions currently provided within Bldg 01708.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** 12 DEC 23
- **Award A/E contract:** 16 MAR 24
- **Charrette:** APR 24
- **35% Design Submittal:** DEC 24
- **65% Design Submittal:**
- **100% Design Submittal:**
- **RTA Submittal:**

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** AE selection board 14 Feb then will issue the RFP to the AE. Way forward to complete PCR2 effort, master plan for phases 1-4 by Aug 2024 and proceed to 35% design by Jan 2025.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** Award A/E contract



CONSTRUCT CONSOLIDATED STORAGE/WAREHOUSE PHASE II (FY27)

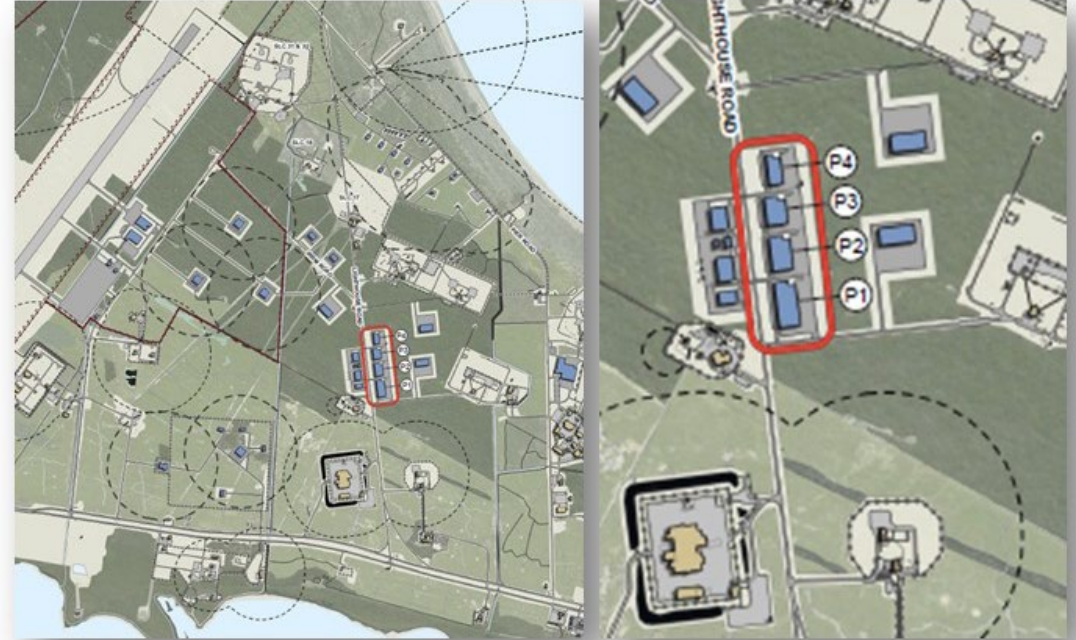
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of Engineers

PROJECT INFORMATION

Project Number: DBEH227786 Phase II

- **PA:** \$30.7 M
- **CWE:** N/A
- **AE:** TBD
- **Acquisition Strategy:** DBB

Scope: Construct a 60,000 SF high-bay storage/warehouse facility to replace and consolidate various storage facilities currently located within the CCSFS Industrial Area which have reached their end of life and/or must be evacuated during day-of-launch operations. This project provides space for warehousing and storage functions currently provided within Bldg 01604 and 01711.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** 12 DEC 23
- **Award A/E contract:** 16 MAR 24
- **Charrette:** APR 24
- **35% Design Submittal:** DEC 24
- **65% Design Submittal:**
- **100% Design Submittal:**
- **RTA Submittal:**

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** AE selection board 14 Feb then will issue the RFP to the AE. Way forward to complete PCR2 effort, master plan for phases 1-4 by Aug 2024 and proceed to 35% design by Jan 2025.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** Award A/E contract



CONSTRUCT CONSOLIDATED LAUNCH SUPPORT FACILITY PHASE I (FY27)

US Army Corps
of Engineers.

PROJECT INFORMATION

Project Number: DBEH033000 Phase I

- **PA:** \$31.7 M
- **CWE:** N/A
- **AE:** TBD
- **Acquisition Strategy:** DBB

Scope: Construct a 3-story, 50,000 SF building with administration and support space for roughly 250 SLD 45 staff and contractor partners on Cape Canaveral Space Force Station.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** 03 JAN 24
- **Award A/E contract:**
- **Charrette:**
- **35% Design Submittal:** DEC 24
- **65% Design Submittal:**
- **100% Design Submittal:**
- **RTA Submittal:**

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** AE selection board 14 Feb then will issue the RFP to the AE. Way forward to complete PCR2 effort, master plan for phases 1-4 by Aug 2024 and proceed to 35% design by Jan 2025.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** Award A/E contract



CONSTRUCT CONSOLIDATED LAUNCH SUPPORT FACILITY PHASE II (FY27)

US Army Corps
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PROJECT INFORMATION

Project Number: DBEH033001 Phase II

- **PA:** \$31.7 M
- **CWE:** N/A
- **AE:** TBD
- **Acquisition Strategy:** DBB

Scope: Construct a 3-story, 50,000 SF building with administration, training, and support space for roughly 220 SLD 45 staff and contractor partners on Cape Canaveral Space Force Station. 3,150 SF will also be provided to the 45 SFS as use for an alternate Base Defense Operations Center.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** 03 JAN 24
- **Award A/E contract:**
- **Charrette:**
- **35% Design Submittal:** DEC 24
- **65% Design Submittal:**
- **100% Design Submittal:**
- **RTA Submittal:**

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** AE selection board 14 Feb then will issue the RFP to the AE. Way forward to complete PCR2 effort, master plan for phases 1-4 by Aug 2024 and proceed to 35% design by Jan 2025.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** Award A/E contract



CONSTRUCT CONSOLIDATED SHOP/LABORATORY FACILITY PHASE I (FY27)

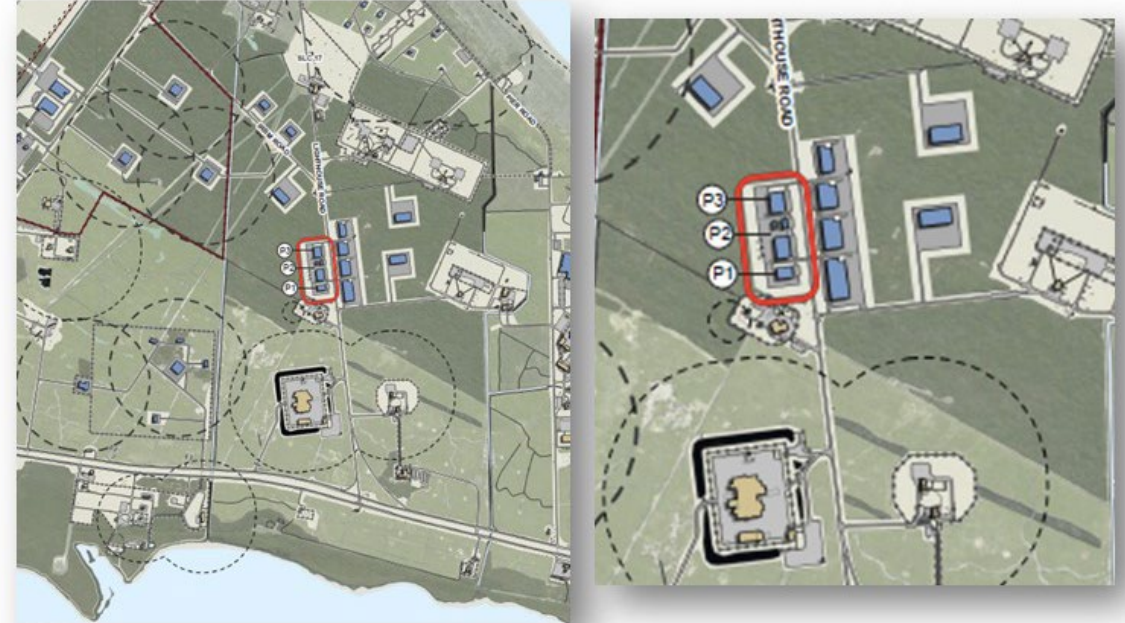
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of Engineers

PROJECT INFORMATION

Project Number: DBEH227755 Phase I

- **PA:** \$10.3 M
- **CWE:** N/A
- **AE:** TBD
- **Acquisition Strategy:** DBB

Scope: Construct 20,000 SF shop/laboratory facility and supporting paving, parking, and sitework. The facility will be located along Lighthouse Road, near the intersection with Skybolt Road. The facility will include 10,000 SF of high-bay shop space and 10,000 SF of administrative and armory space.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** initial seed funds received 11 Jan but MIPR needs correcting
- **Award A/E contract:**
- **Charrette:**
- **35% Design Submittal:** DEC 24
- **65% Design Submittal:**
- **100% Design Submittal:**
- **RTA Submittal:**

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Started AE TORN process to select an AE. Way forward to complete PCR2 effort, master plan for phases 1-4 by Aug 2024 and proceed to 35% design by Jan 2025.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** Award A/E contract



CONSTRUCT CONSOLIDATED SHOP/LABORATORY FACILITY PHASE II (FY27)

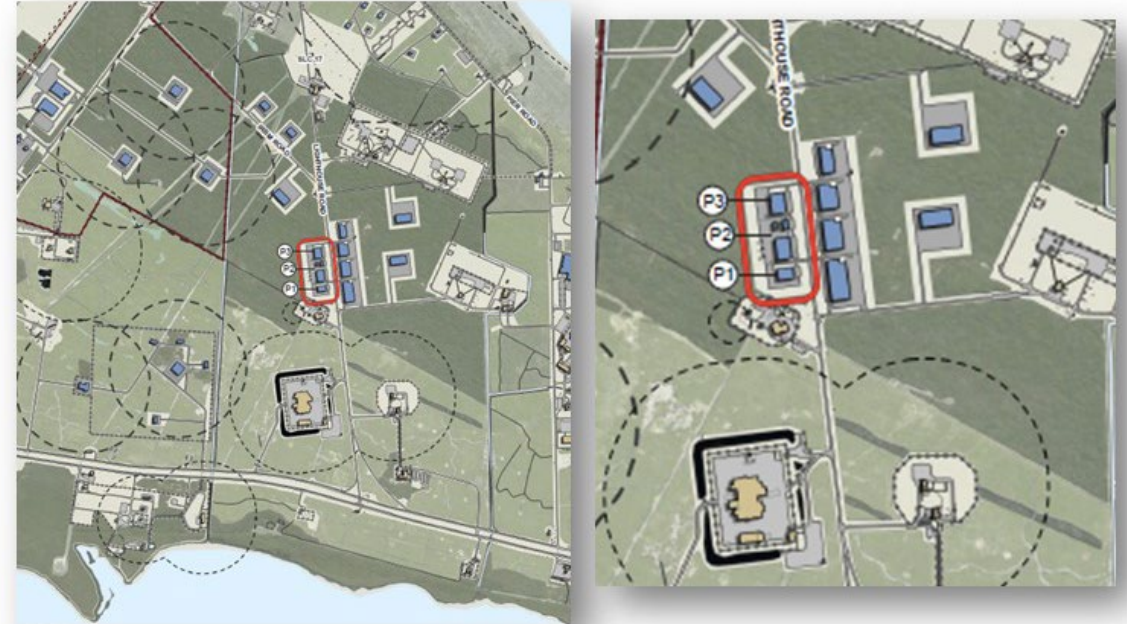
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PROJECT INFORMATION

Project Number: DBEH227784 Phase II

- **PA:** \$19.6 M
- **CWE:** N/A
- **AE:** TBD
- **Acquisition Strategy:** DBB

Scope: Construct 43,000 SF of shop/laboratory space consisting of one 34,000 SF primary facility and five auxiliary facilities for hazardous storage and performance of hazardous operations. The primary facility will include 32,000 SF of high-bay shop space and 2,000 SF of associated administrative space. Construct supporting paving, parking, and sitework.



SCHEDULE / MILESTONES

- **Receive Seed Funds:** initial seed funds received 11 Jan but MIPR needs correcting
- **Award A/E contract:**
- **Charrette:**
- **35% Design Submittal:** DEC 24
- **65% Design Submittal:**
- **100% Design Submittal:**
- **RTA Submittal:**

STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Started AE TORN process to select an AE. Way forward to complete PCR2 effort, master plan for phases 1-4 by Aug 2024 and proceed to 35% design by Jan 2025.
- **CHALLENGES:** None
- **ISSUES:** None
- **WAY AHEAD:** Award A/E contract



MACDILL AFB USACE PROJECT SUMMARY

US Army Corps
of Engineers®

February 2024





MACDILL AFB FUTURE USACE PROJECT SUMMARY

US Army Corps
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KC-46 Program

- FY24-26 Hangars 1-5 \$114M
- FY24 Apron and Fuel Hydrant Upgrade \$78M
- FY24 B55 Maintenance Addition \$5.6M
- FY25 Simulator Addition \$6.7M
- FY25 Supplies and Equipment Warehouse \$4.4M
- FY25 General Purpose Shop \$4M
- FY26 General Purpose Warehouse \$9.2M
- FY26 ADAL Aerospace Ground Equipment Facility \$5.2M

Energy Resilience

- FY25 Convert overhead power to Underground \$21M

CENTCOM

- Select RF Shielding in HQ Building \$11.8M

DLA

- Facility 257 and 174 repair



ADAL KC-46A HANGARS 1, 4 AND 5 (FY24)

US Army Corps
of Engineers

PROJECT INFORMATION

NVZR244601, NVZR244602, NVZR244603

- **PA:** \$67,000,000
- **CWE:**
- **AE:** Burns & McDonnell
- **Acquisition Strategy:** Design Bid Build

Scope 100% Design Bid Build for the alteration and expansion of three (3) existing aircraft hangars at MacDill AFB utilizing conventional design and construction methods. The A-E will use the DD1391 as a base for the design initiation process. Work includes the design to add/alter entry doors, lighting, fire suppression, corrosion control, establishment of new maintenance areas, new storage areas, overhead crane installation, and all utility infrastructure modifications/alterations needed.

SCHEDULE / MILESTONES

- 35% design complete: 29 JUL 22
- 35% design review meeting 13-15 SEP 22
- VE Consensus meeting 07 Nov 22
- 65% design submittal 09 Feb 23
- 65% design review meeting 07-09 Mar 23
- 95% design submittal 09 Jun 23
- 95% design review meeting 11-12 Jul 23
- Advertise: 15 MAR 24
- Award: 31 MAY 24
- NTP: 01 JUL 24
- BOD: 01 JUL 26



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Requested Authority to Advertise
- **CHALLENGES:** Execution strategy of consolidating all three projects into one solicitation. Hangars 1 & 4 base bid; hangar 5 will be an option with 180 days acceptance period.
- **WAY AHEAD:** Advertise



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ADAL KC-46A HANGARS 2 AND 3 (FY26)

PROJECT INFORMATION

NVZR244606, NVZR244607

- **PA:** Hangar #2 - \$30.1M
Hangar #3 - \$31.9M
- **CWE:** N/A (will update at 65% submittal)
- **AE:** Burns & McDonnell
- **Acquisition Strategy:** Design Bid Build

Scope 100% Design Bid Build for the alteration and expansion of two (2) existing aircraft hangars at MacDill AFB utilizing conventional design and construction methods. The A-E will use the DD1391 as a base for the design initiation process. Work includes the design to add/alter entry doors, lighting, fire suppression, establishment of new maintenance areas, new storage areas, overhead crane installation, and all utility infrastructure modifications/alterations needed.

SCHEDULE / MILESTONES

- Award contract A/E: 06 JUN 23
- Charrette: 18-20 JUL 23
- 35% design submittal: 06 SEP 23
- 35% design review meeting 17-19 OCT 23
- VE Consensus meeting 01 DEC 23
- 65% design submittal 22 MAR 24
- 65% design review meeting 02-05 APR 24
- 95% design submittal 22 AUG 24
- 95% design review meeting 03-04 SEP 24
- RTA submittal TBD



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** VE meeting conducted 30 Oct to 03 Nov.
- **CHALLENGES:** None at this time
- **WAY AHEAD:** 65% Design



KC-46A ADAL APRON & HYDRANT FUELING PITS (FY24)

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PROJECT INFORMATION

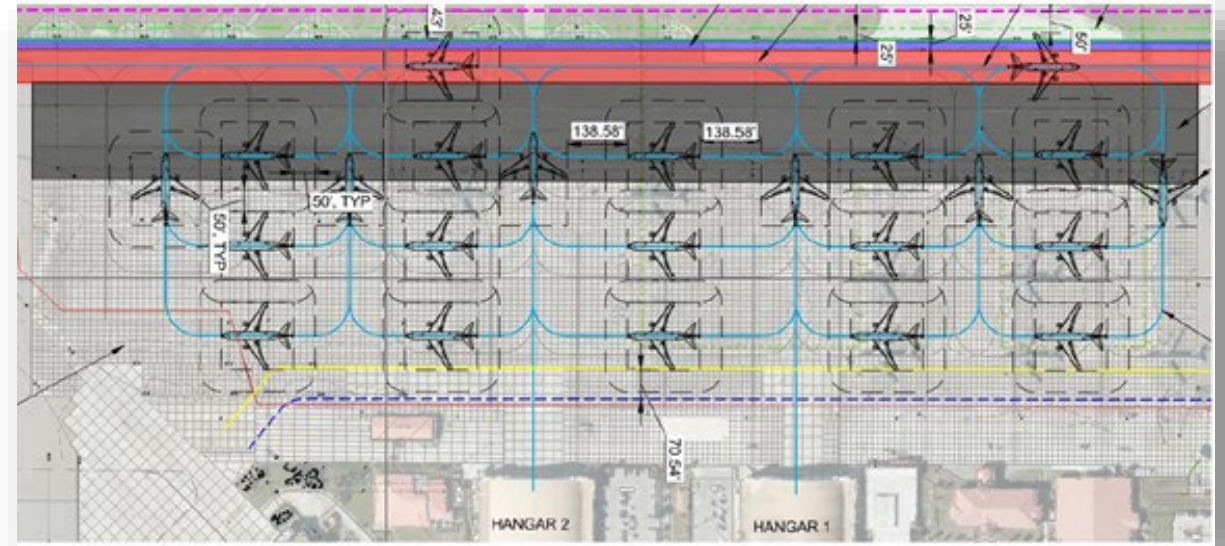
NVZR244605

- **PA:** \$61,000,000
- **CWE:**
- **AE:** Pond
- **Acquisition Strategy:** Design Bid Build

Scope On north apron, add 0.4M (15 inches) rigid pavement over base and asphalt shoulder to north apron to accommodate required KC-46A taxi and parking wingtip clearances. Also on north apron, alter existing asphalt to 0.4M (15 inches) rigid pavement over base. Work also includes installing aircraft hydrant fueling pits as well as associated fuel infrastructure, to include pump house modifications, to support 15 KC-46A aircraft parking spots.

SCHEDULE / MILESTONES

- 100% design submission 08 DEC 23
- 100% design review meeting 17 JAN 24
- RTA Submittal: 16 FEB 23
- Advertise: 15 MAY 24
- Award: 31 JUL 24
- NTP: 01 SEP 24
- BOD: 01 DEC 26



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** 100% design submitted for review
- **CHALLENGES:** ATR Request
- **WAY AHEAD:** RTA Submittal



B-55 AIRCRAFT MAINTENANCE FACILITY ADDITION (FY24)

US Army Corps
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PROJECT INFORMATION

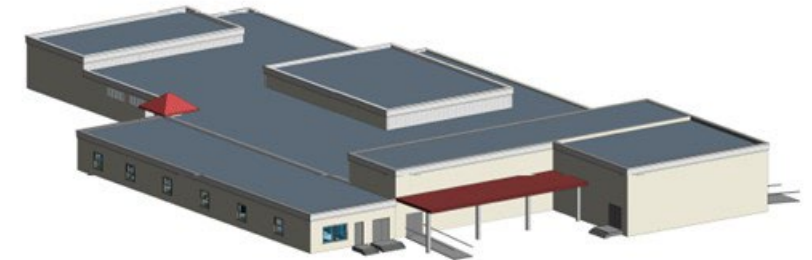
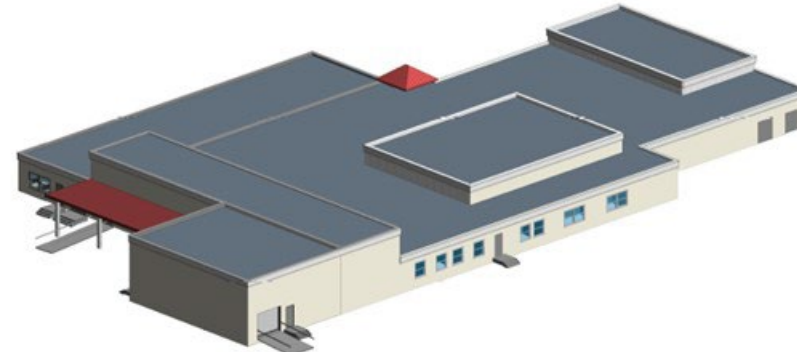
NVZR244609

- **PA:** \$5,600,000
- **CWE:**
- **AE:** Pond
- **Acquisition Strategy:** Design Bid Build

Scope: Construct addition to existing facility to more closely meet the total authorized space requirement for the two Aircraft Maintenance Units required to support two KC-46A flying squadrons. The addition consists of expansion on the northwest (flightline) side of the facility to increase the administrative workspace and consolidated tool kit storage area. Construction of the addition includes a reinforced foundation, concrete floor slab, structural steel frame with a split face block and masonry exterior walls, doors and windows, and low slope roof. Work also includes additional lighting and electrical panels, and expansion of existing Heating Ventilation and Air Conditioning system and existing fire protection system.

SCHEDULE / MILESTONES

- 05 OCT 23 – 65% design review (REMOTE)
- 13 DEC 23 – 100% design complete
- 18 JAN 23 – 100% design review meeting
- 20 MAR 24 – Final design RFP complete
- 15 APR 24- Advertise
- 01 JUN 24 – Award
- JUL 25 - BOD



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** 100% Design Submitted
- **CHALLENGES:** Storm Water Permit
- **WAY AHEAD:** 100% Design



US Army Corps
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KC-46 ADAL FLIGHT SIMULATOR (FY25)

PROJECT INFORMATION

NVZR244604

- **PA:** \$6,300,000
- **CWE:**
- **AE:** Burns & McDonnell
- **Acquisition Strategy:** Design Bid Build

Scope: Expand an existing KC-135 Aircrew Training System (ATS) facility B295 to house one additional Boom Operator Trainer (BOT) and alter within B295 to repurpose two existing KC-135 Weapons System Trainers (WST) and one Boom Operator Trainer (BOT) to meet KC-46A ATS functions. Construction will include reinforced concrete foundations and floor slab, brick veneer with cast concrete accent exterior wall and a standing seam metal roof to match the existing facility. Alteration work will include necessary reconfiguration of B295 to accommodate two WSTs, two BOTs, computer rooms, two Pilot-Part Task Trainers and associated office, briefing and support space.

SCHEDULE / MILESTONES

- 20 OCT 2023 – 65% design submittal
- 6 FEB 24 – 95% design complete
- 15 APR 24 – Final design RFP complete
- DEC 24 Advertise
- Award FEB 25
- BOD MAR 26



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** 95% design submitted
- **CHALLENGES:** Incorporating the FSRM project
- **WAY AHEAD:** Design Review Meeting



KC-46A SUPPLIES AND EQUIPMENT WAREHOUSE (FY25)

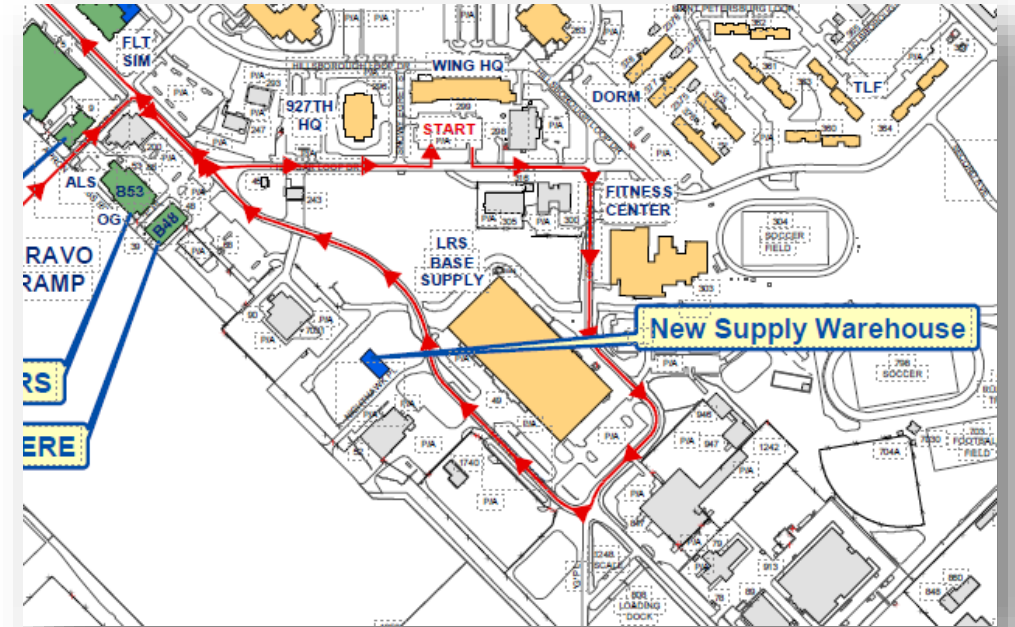
US Army Corps of Engineers

PROJECT INFORMATION

NVZR244612

- PA: \$4,000,000
- CWE:
- AE: Schmidt Prime
- Acquisition Strategy: Design Bid Build

Scope: Construct a new 5,000 SF (465 SM) bulk storage warehouse. Work includes reinforced foundation, concrete floor slab, CMU walls, exterior veneer siding, metal framing, aluminum roof system with gutters and downspouts, metal doors, interior finishes, mezzanine, plumbing system for one (1) restroom with suspended ceiling, electrical fixtures (power, lighting, communications, fire alarm & mass notification). The project includes site improvements, earthwork, and utilities and all other work necessary to make a complete and usable facility. A Heating, Ventilation, and Air Conditioning system with properly functioning components is required to ensure adequate air quality and temperature and humidity control in the facility.



SCHEDULE / MILESTONES

- 25 SEP 2023 – 35% design submittal
- 24 OCT 2023 -35% design review meeting
- 15 JAN 24 – 65% design complete
- 04 MAY 24 – 100% design complete
- 01 JUN 24 – RTA
- DEC 24 - Advertise



STATUS / CHALLENGES / WAY AHEAD

- STATUS: 65% Design Submitted
- CHALLENGES: None
- WAY AHEAD: Design Review Meeting



KC-46 AIRCRAFT GENERAL PURPOSE SHOP(FY25)

US Army Corps of Engineers

PROJECT INFORMATION

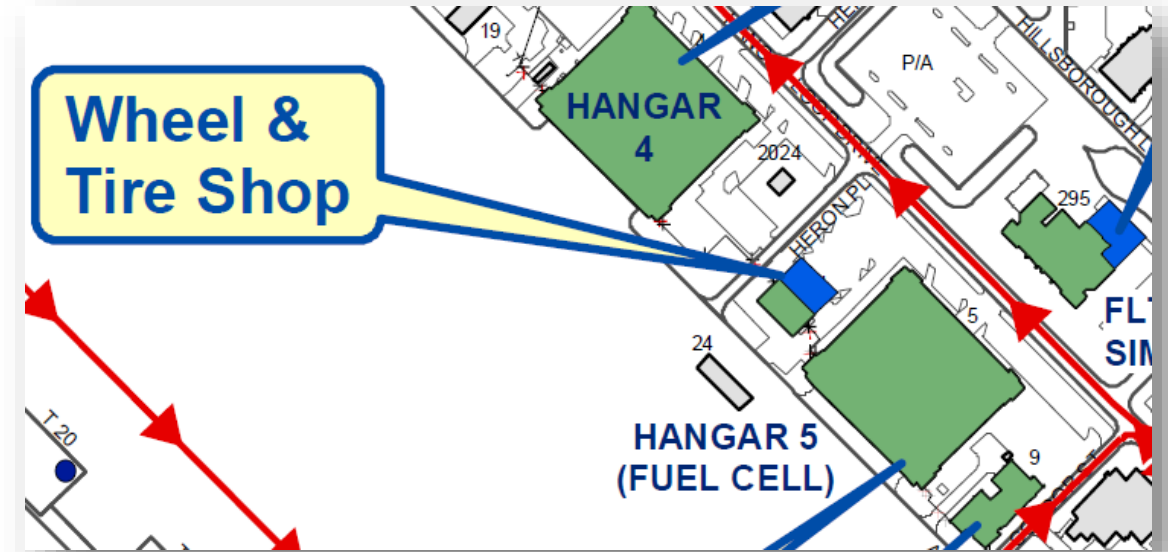
NVZR244610

- PA: \$4,000,000
- CWE: N/A
- AE: Pond
- Acquisition Strategy: Design Bid Build

Scope: Add to Building 44 so that the facility size meets the total authorized space requirement for a Wheel and Tire shop for two KC-46A flying squadrons. The addition will increase shop space and administrative workspace in the building. Construction of the addition includes a reinforced foundation, concrete floor slab, structural steel frame with a split face block masonry exterior walls, roll up doors, access doors, windows, reconfiguration of the existing hipped roof, and new fire protection system. Alteration work includes interior renovations to optimize the layout of the existing facility for storage areas and administrative workspaces.

SCHEDULE / MILESTONES

- 13 DEC 23 – Charrette report completed
- MAR 24 – 35% design complete
- AUG 24 – 65% design complete
- NOV 24 – 100% design complete
- DEC 24 – Final design RFP complete
- JAN 25- Advertise



STATUS / CHALLENGES / WAY AHEAD

- STATUS: Reviewing Charrette
- CHALLENGES: None
- WAY AHEAD: 35% Design



KC-46 GENERAL PURPOSE WAREHOUSE(FY26)

US Army Corps of Engineers

PROJECT INFORMATION

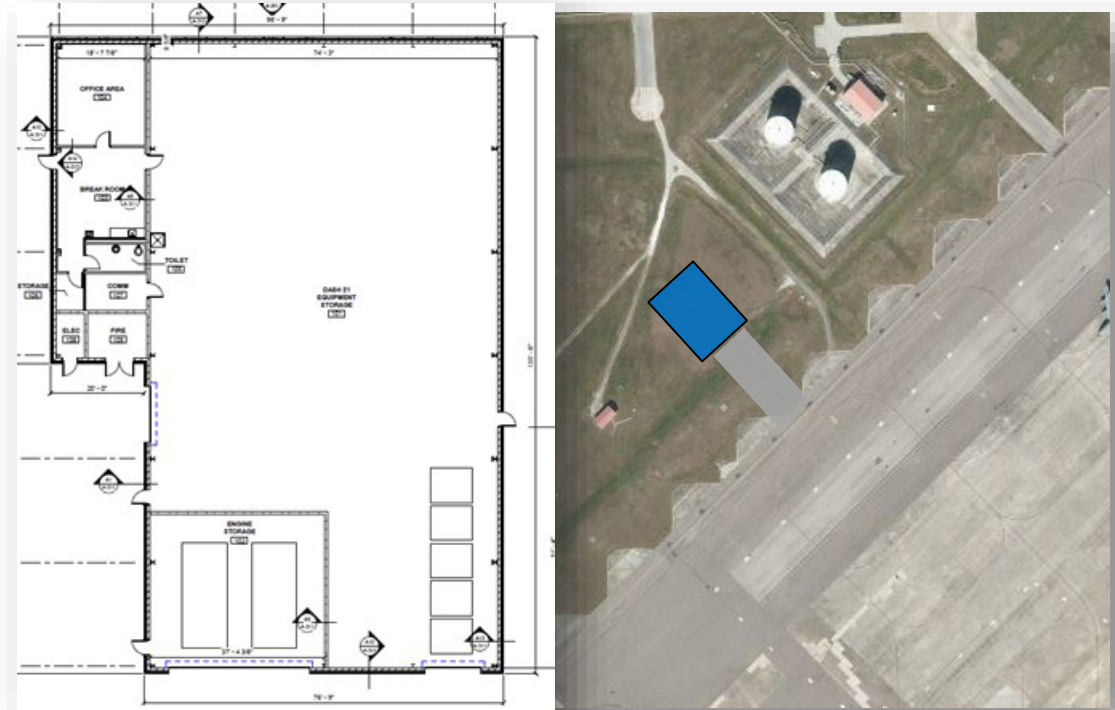
NVZR244608

- **PA:** \$7,600,000
- **CWE:**
- **AE:** Burns & McDonnell
- **Acquisition Strategy:** Design Bid Build

Scope: Construct a 12,000 SF (1,579 SM) Dash 21 storage facility/engine storage on northwest corner of Alpha Ramp. Work includes installation of foundation, concrete floor slab, CMU walls, exterior veneer siding, metal framing, aluminum roof system with gutters and downspouts, metal doors, interior finishes, mezzanine, plumbing system, electrical fixtures (power, lighting, communications, fire alarm & mass notification).

SCHEDULE / MILESTONES

- 20 DEC 23– 35% design submittal
- **13 FEB 24 – 35% review meeting**
- 20 APR 24– 65% design submittal
- 16 JUL 24 – 100% design submittal
- 6 SEP 24 – Final design RFP complete
- TBT- Advertise (FY26)



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Waiting on charrette final
- **CHALLENGES:**
- **WAY AHEAD:** 35% Design



KC-46 ADAL B552 KC-46A SHOP AND STORAGE FACILITY (FY26)

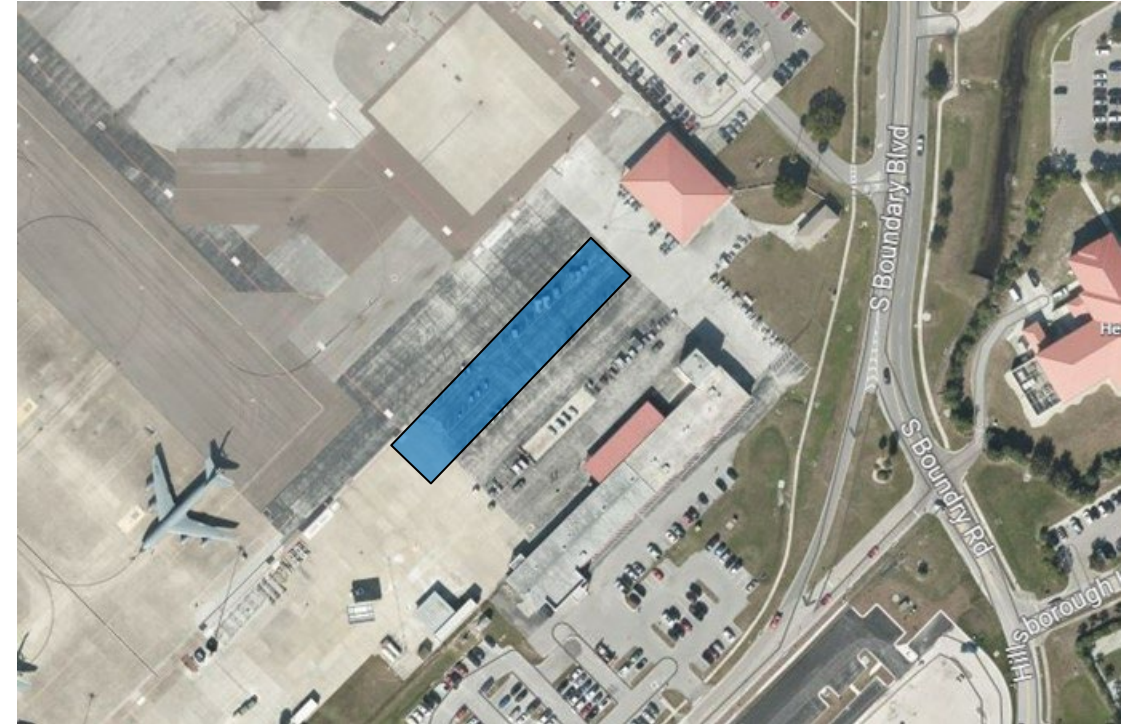
US Army Corps of Engineers

PROJECT INFORMATION

NVZR244611

- **PA:** \$5,200,000
- **CWE:** N/A
- **AE:** Pond
- **Acquisition Strategy:** Design Bid Build

Scope: Alter southwest end of Aerospace Ground Equipment (AGE) facility B552 to optimize offices and support area, opening more maintenance space. Construct 10,000 SF (929 SM) covered storage northwest of B552 that allows for 16 foot (1.5 M) height equipment and have night lighting. Also, install 150T jack tester on northeast side of existing covered AGE storage area. Alteration work includes repair of interior concrete slab, existing roof replacement, HVAC and electrical work, and installation of interior lighting, large fans in the maintenance bays, utilities downstream of the point of demarcation, site improvements and all necessary components to make a complete and useable facility. .



SCHEDULE / MILESTONES

- FEB 23 – Charrette report completed
- MAY 24 – 35% design complete
- NOV 24 – 65% design complete
- MAR 25 – 100% design complete
- JUN 25 – Final design RFP complete



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Awaiting Charrette
- **CHALLENGES:** None
- **WAY AHEAD:** Charrette meeting



CONVERT BASE-WIDE OVERHEAD ELECTRICAL (FY26)

US Army Corps of Engineers

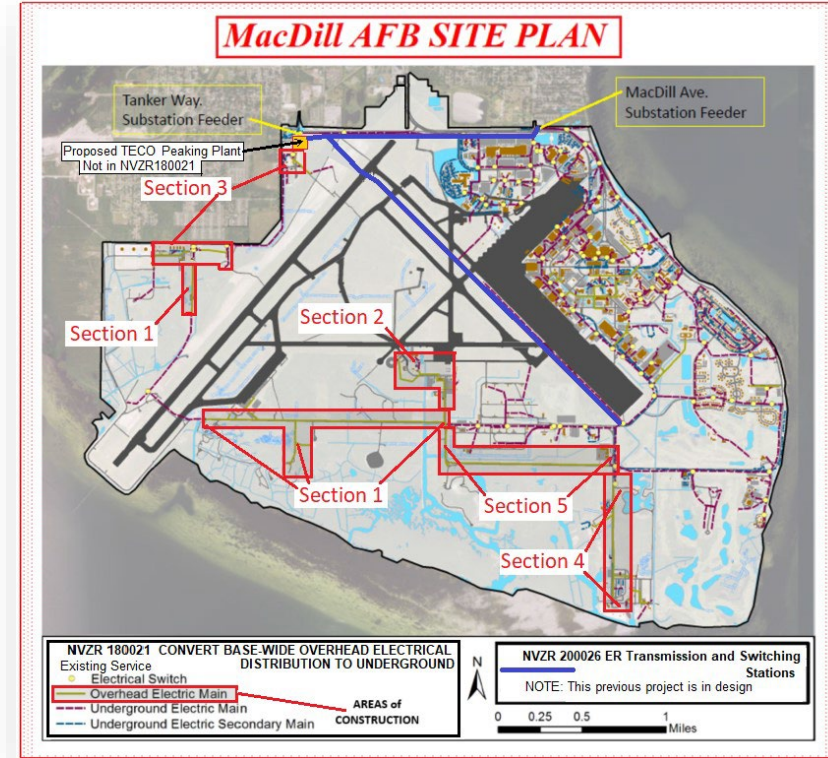
PROJECT INFORMATION NVZR180021

- **PA:** \$21,000,000
- **CWE:**
- **AE:** Baskerfield-Donovan
- **Acquisition Strategy:** Design Bid Build

Scope This project includes upgrading the existing Repair by replacement of electrical distribution utility cables, transformers, main distribution panels, switchgear and associated support equipment of MacDill AFB's overhead electrical distribution utility system. The new electrical distribution utility system will be underground. The existing overhead electrical distribution system consists of 31,600 linear feet. Remove existing electrical poles and cross-arms, pole mounted transformers, and pole-mounted lights. Replace pole-mounted transformers with appropriate pad-mounted transformer.

SCHEDULE / MILESTONES

- 30 SEP 22 - Award A/E contract
- 8 NOV 22 – Onsite Charrette meeting
- 27 JAN 23 – Charrette report completed



STATUS / CHALLENGES / WAY AHEAD

- **STATUS:** Charrette completed 27 JAN 23
- **CHALLENGES:** None
- **WAY AHEAD:** DI for 35% Design