STATEMENT OF WORK

Project W50S8S-26-B-A001
Ramp Repair PH II

180th FW ANG BASE
Swanton, OH

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1. GENERAL REQUIREMENTS

1.1 The contractor shall furnish all labor, material and appurtenances to perform the following work in accordance with the drawings provided:

A. Demolish and remove Buildings 115, 131, 133, tent structure 321, abandoned electrical components, guardrail, fencing, and concrete and asphalt areas as shown on the demolition plan and remove 12K underground storage tank near Building 124.

B. Purchase and install storm water control structures as shown in the drawings to include catch basins, piping, and trench drains to provide a proper flow channel and remove water from the areas allowing the grounds to be maintained.

C. Purchase and install the required electrical conduit and wiring to support new fabric shelters.

D. Prepare areas for placement of a new concrete access road, concrete tent pad, and concrete approach around building 137 and an asphalt shoulder patch as shown on the pavements plan.

E. Purchase and install two new tensioned fabric shelters with liners, electrical equipment, interior lights, and doors as shown on attached drawing with one shelter having dehumidification equipment for humidity control.

1.2 The location of the proposed work is within the Toledo ANG Base at the 180th Fighter Wing, 2660 S. Eber Rd., Swanton, OH 43558.

1.3 The contractor shall not exceed the scope of work without prior approval from the Contracting Officer.

1.4 The contractor shall protect all government property from damage. Any damages incurred in pursuance of this project shall be replaced and/or restored to original condition.

1.5 The contractor shall maintain a clean and safe job site at all times to prevent damage to other existing utilities, and surrounding facilities that may be affected; this is also intended to protect building occupants from potential health hazard associated with the proposed work. This shall include dust, debris, and waste created in performance of this project; along with tools, equipment, and vehicles located at the job site. The contractor shall comply with the provisions of the Occupational Safety and Health Act of 1972 and all provisions thereto.

1.6 The Contractor is responsible for properly laying out the work, and for lines and measurements for the work executed under the Contract Documents.

A. The Contractor, **NOT** the Government, is responsible to field verify all existing underground utilities within the excavation limits and/or as shown on the Drawings, before laying out the work. The Contractor is to report errors or inaccuracies in writing to the Contracting Officer's Representative before commencing work.

B. The Contracting Officer or his Representative will in **no case** assume the responsibility for any layout of the work or damages to existing underground utilities while performance of work is underway.

1.7 THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. The dimensions provided by the government are only approximations and they are not responsible for their precision or accuracy. This includes but is not limited to blueprints, drawings, schedules, and statements of work.

1.8 The contractor shall provide a one-year warranty for the work contained herein. They shall pass along extended guarantees for equipment and products.

1.9 All trash, waste, and construction debris generated from this project shall become property of the contractor and shall be removed from the base. The disposal of these materials shall follow the appropriate Federal and State laws. The 180th FW Solid Waste Disposal and Tracking form needs completed by the contractor at the time of disposal. This includes the disposal or recycling of hazardous materials.

1.10 Bids for this project shall be valid for 90 days.

1.11 The primary work area is adjacent to the aircraft parking apron and is a secure restricted area. Free zone area(s) may be established in restricted areas to allow contractor ease of movement to conduct work. The contractor shall advise the COR how they will man the project prior to starting work so the government can determine how many escorts may be needed for each item of work.

1.12 Vehicles and equipment going onto the parking apron shall be inspected and checked for Foreign Object Debris (FOD) by the contractor prior to going on to the apron. All debris and objects which could become FOD shall be removed and properly disposed of or secured.

1.13 Smoking on base is only allowed in designated areas (smoking sheds are marked with signs).

1.14 The contractor shall provide the government project manager and COR 7 days written notice before performing any disturbance of the ground to a depth below 3”. The notice shall include a drawing of the area where the work is to be done. The contractor shall physically mark the work area and proposed excavations with white flags or marking paint if required by the government, so existing utilities can be properly identified before beginning any demolition or excavation. The contractor shall ensure an

approved Air Force Form 103 Work Clearance is issued before beginning any excavations.

1.15 The contractor shall provide a minimum of 7 days advance notice in writing to the Contracting Officer or COR prior to the shutdown of any building utility system, street, or parking lot.

1.16 The contractor shall ensure that all work complies with all federal state and local laws and ordinances applicable to the construction of this project. Install all equipment according to the manufacturer's written instructions. If a conflict is found, notify the Contracting Officer for resolution of the conflict prior to proceeding.

1.17 Prior to performing any operation requiring use of an open flame, or spark producing work the contractor shall obtain a burn permit from the base fire department (419-868-4116). The contractor shall provide and maintain fire extinguishers and other safety equipment at the job site at all times as required to perform the work.

1.18 A site visit is highly encouraged to bid on this project. Site visit is scheduled**: July 1st at 10:00 AM EST**.

1.19 Points of Contact for this project are Lt Col Roger Nienberg 419-615-2401 roger.nienberg.1@us.af.mil or Maj Eric Hoelle 419-868-4006 eric.hoelle@us.af.mil.

2. PROJECT DESCRIPTION

2.1 **Scope:** The contractor shall provide all labor and materials to install the following, as outlined in the drawings:

A. Building 115 Demolition:
   - Contractor shall install silt protection as required by the 180th SWPP.
   - Disconnect, remove, and properly dispose of existing electrical equipment and wiring. Underground conduits can remain but must be demo'd and capped at least 1' below grade where the facility was located.
   - Demo the remaining structure and dispose of the materials.
   - Demo the structures concrete pad to include the approach as shown on the demo plan.
   - Reclaim any easily accessible stone for reuse without disturbing soil beneath.
   - Fill in and blend topsoil to final grade prep and seed/straw with netting. (Seed shall be determined based on best product for time of year planted)

B. Buildings 131, 133, 321:
   - Contractor shall install silt protection as required by the 180th SWPP.
   - Disassemble existing fabric shelter and electrical equipment in the shelter for re-erection at a later date.

- Disconnect, remove, and properly dispose of existing electrical equipment and wiring. Underground conduits can remain but must be demo'd and capped at least 1' below grade where the facility was located.
- Demo the remaining structures to include guardrail and fence shown on the demo plan and dispose of the materials.
- Demo the concrete pad and foundations down to soil or 2 feet below grade as shown on the demo plan. Contractor shall minimize soil disturbance.
- Reclaim any easily accessible stone for reuse without disturbing soil beneath.

C. Pavements:
- Contractor shall install any additional silt protection as required by the 180th SWPP.

a. Field verify elevations for the access road, new tent pads, tent pad approach, and B137 approach.
b. Remove topsoil as required for new pavement stone base and store soil on site for reuse in this project.
c. Install stone base as required and per pavements plan. Note the thickened edge on the perimeter of each tent outline.
d. Install trench drains, drain piping, and electrical conduit as required per pavements plan.
e. Place concrete as required per pavements plan.

D. Storm Drainage:
- Contractor shall install any additional silt protection as required by the 180th SWPP.
- Field verify elevation inverts for existing drainage pipes and outfalls, new proposed catch basins as shown on the Engine facility pavements and storm extension drawings.
- Purchase and install catch basins, gate valves, and piping to create a functional flow channel as annotated on the drawings.
- Utilize stored onsite soil and procure and install additional soil required to fill in and contour around the new catch basins and piping to create proper slope for drainage of the areas.
- Clean the storm culverts on in the project area to ensure flow to the outfalls.
- Blend topsoil to final grade, prep and seed/straw to establish grass.

E. 12K Underground Tank Removal:
- Excavate soil and gravel around the tank and plan to reuse suitable material.
- Remove and dispose of the contaminated wastewater contained in the tank, testing results are available but contractor to confirm results due to testing age.
- Remove and dispose of 12K recovery tank to include concrete ballast pad.

- Remove utilities around tank and cap/seal pipes where they leave the tank area.
- Cap the Diverter Valve connection (Ductile Iron) that leads to the 12K tank.
- Contractor will sample surrounding soils where the tank was located to verify no POL products are present in soil.
- Contractor shall fill, level and grade worksite to match adjacent soils.
- Blend topsoil to final grade, prep and seed/straw to establish grass

F. Fabric Structures:
- Purchase and install 2 fabric shelters as shown on the drawings. Shelters shall be ~80' x 60', be sealed to the concrete, include 1 roll up door, 1 man door, and have an interior liner to better seal the shelter for humidity control.
- Purchase and install required electrical conductors, 480V 3ph electrical panel, lighting transformer, interior lights, switches, outlets, roll up garage door, de-humification units in the east shelter. 20A Outlets will be located near the transformer and by the man door with the light switch. Shelter shall have 2 exterior aimable overhead lights, each located near the rollup door upper corner.
- Purchase and install electrical conductors, interior lights, switches, outlets, roll up garage door in the west shelter. 20A Outlet will be located by the man door with the light switch. Shelter shall have 2 exterior aimable overhead lights, each located near the rollup door upper corner.

2.2 **Background:** The existing buildings, pavements, electrical, and drainage around the engine shop facility are unusable to the current and future mission and creates hazards for aircraft operations due to deteriorated pavements. The storm drainage issues cause excessive vegetation that cannot be maintained, creating flight safety bird hazards. The erosion of the North Road base and the old 12K tank creates environmental risk.

2.3 **Submittals:** Cut sheets for catch basins, concrete design, trench drains, fabric shelters, electrical panel, lighting transformer, 12k tank Liquid and soil testing results. Contractor shall provide operations and maintenance manuals, and operating instructions for all installed equipment. Submittals shall be provided with an AF Form 3000 filled out and signed by the contractor certifying the material is in compliance with the project requirements.

2.3 **As-built drawings:** Provide an as-built drawing of new or modified electrical circuits. Provide an as-built drawing of new or modified storm water drainage components (including elevations).

2.4 **Government Furnished Property:** There is NO Government furnished property, materials, or equipment provided for this project. Utilities (water/electric) are available for contractor use with conservation practices required**.**

3. SECURITY AND ANTITERRORISM REQUIREMENTS

3.1 Access and General Protection/Security Policy and Procedures:
The contractor shall comply with all applicable installation/facility access and local security policies and procedures, which may be obtained from the Contracting Officer's Representative (COR). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by the local installation's Security Forces, Director of Emergency Services or local Security Office. The contractor shall ensure compliance with all personal identity verification requirements as directed by DoD, HAF and/or local policy. Should the Force Protection Condition (FPCON) change, the Government may require changes in contractor security matters or processes.

3.2 For Contractors that do not require CAC, but require access to a DoD Facility and/or Installation:
Contractor and all associated sub-contractors employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (DODIO 2000.16V1_DAFI 31-145, DAFI 31-101 and DODM 5200.08v3_DAFMAN 31-101v3), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative), or, at OCONUS locations, in accordance with status of forces agreements and other theater regulations.

3.3 General Training Requirements:
All contractor employees and associated sub-contractor employees assigned to work on a government site and/ or requiring access to a DoD network will be required to complete the necessary training required of them initially and annually for the duration of the contract (i.e., DoD IAA Cyber Awareness, Protecting Sensitive Information, Force Protection, etc.).

3.4 Antiterrorism Awareness Level I Training (AT Level I):
All contractor employees, to include subcontractor employees, requiring access to US Government installations, facilities and controlled access areas shall complete AT Level I training within 30 calendar days after contract start date or effective date of incorporation of this requirement into the contract, whichever is applicable. AT Level I may be accomplished by a Level I qualified instructor; completing the Force Protection computer-based training (CBT) course on Joint Knowledge Online (JKO) at https://jkodirect.jten.mil/Atlas2/page/login/Login.jsf. For those without a CAC, select "Non-CAC" user on the JKO site. Tracking for each contractor or subcontractor employee is the responsibility of the COR or unit AT Representative.

End Statement of Work