STATEMENT OF WORK

Project PBXP262002
Repair Building 522 HVAC

MANSFIELD LAHM ANG BASE
MANSFIELD, OHIO

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1. **GENERAL REQUIREMENTS:**

1.1. The contractor shall furnish all labor, material and appurtenances to perform work in accordance with the drawings and specifications for removal and replacement of the Air Condensing Unit at Building 522, Vehicle Maintenance Facility.

1.2. This work shall include all accessories, parts and equipment necessary to make a complete and usable system. Only U.S. manufactured equipment shall be installed for this project.

1.3. The location of the proposed work is Building 522 within the POL Area of Mansfield Lahm ANG Base, Mansfield, Ohio.

1.4. Normal base work hours for the Contractor will be between the hours of 7:00 AM to 4:30 PM, excluding Saturdays, Sundays, and Federal Holidays. The following Federal legal Holidays are observed by this base:

1.4.1. New Year's Day: 1 January
1.4.2. Martin Luther King's Birthday: Third Monday of January
1.4.3. President's Day: Third Monday of February
1.4.4. Memorial Day: Last Monday of May
1.4.5. Juneteenth National Independence Day: 19 June
1.4.6. Independence Day: 4 July
1.4.7. Labor Day: First Monday in September
1.4.8. Columbus Day: Second Monday in October
1.4.9. Veteran's Day: 11 November
1.4.10. Thanksgiving Day: Fourth Thursday in November
1.4.11. Christmas Day: 25 December
1.4.12. NOTE: Any of the above holidays falling on a Saturday will be observed the preceding Friday; holidays falling on a Sunday will be observed on the following Monday.

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

1.6. 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.

1.7. The contractor shall maintain a clean and safe job site at all times to prevent damage to the facility, other existing utilities, and facility equipment 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.

1.8. The Contractor shall perform all work in accordance with EM 385-1-1, USACE Safety and Health Requirements

1.9. The Contractor is responsible for properly laying out the work, and for lines and measurements for the work executed under the Contract Documents. The Government may request shop drawings of the work to be conducted for approval prior to commencement of the work.

1.10. The Contractor, NOT the Government, is responsible to field verify all existing utilities within the work area 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.

1.11. The Contracting Officer or his Representative will in no case assume the responsibility for any layout of the work or damages to existing facilities and equipment while performance of work is underway.

1.12. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. Any 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.

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

1.14. All trash, waste, and construction debris generated from this project, with the exception of recyclable metals, and electrical and communications cable, 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. This includes the disposal or recycling of hazardous materials. Recyclable metals and cables shall become property of the Government. The Contracting Officer’s Representative shall provide instructions for collection of recyclables.

1.15. SECURITY REQUIREMENTS

1.15.1. 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

1.15.2. 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) (AFI 10-245, AFI 31-101 and AFMAN 31-113), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative).

1.15.3. 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 45 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://jko.jten.mil/courses/AT-level1/launch.html

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

1.17. A site visit is required to bid on this project.

1.18. Point of Contact for this project is Mr. Stuart C. Killian at (419) 520-6893 or Captain Clayton McCarthy at (419)-520-6158.

2. PROJECT DESCRIPTION

2.1. The contractor shall furnish and install a complete and operational HVAC system to replace the existing ACCU and AHU serving Building 522. All work shall be performed in accordance with this Statement of Work, the accompanying drawings, and the referenced specifications.

2.1.1. ACCU: Furnish and install one (1) new Air-Cooled Condensing Unit with a minimum capacity of 90 MBH.

2.1.2. AHU: Furnish and install one (1) new modular, multi-section Air Handling Unit with a minimum capacity of 3000 CFM.

2.1.3. Connecting Systems: Furnish and install all new, properly sized, and insulated refrigerant lines.

2.1.4. Electrical: Provide all necessary electrical work, including power and control wiring, to support the new system

2.1.4.1. Furnish and install a new disconnect switch for both new pieces of equipment.

2.1.4.2. Disconnect and reinstall the existing DDC control panel currently mounted to the AHU.

2.2. Demolition and Site Work

2.2.1. The contractor shall be responsible for the complete demolition and off-site disposal of the existing ACCU, AHU, and associated components.

2.2.2. The contractor shall be responsible for the complete recovery of all existing R-22 refrigerant. All recovery work, documentation, and data submittals shall be performed in strict accordance with 40 CFR 82 and the requirements of the base environmental specification. The recovered refrigerant, stored in new, properly labeled tanks, is property of the Government and shall be turned over to the COR upon project completion."

2.3. Performance Verification and Closeout

2.3.1. The system shall be tested and balanced to verify it meets the performance requirements specified in the drawings and specifications. A certified TAB report shall be submitted to the COR.

2.3.2. The new HVAC system shall be fully integrated with the existing base-wide Direct Digital Control (DDC) system. The contractor shall demonstrate that all specified control points are functional.

2.3.3. The contractor shall provide a familiarization training session for government maintenance personnel covering the operation and maintenance of the new system.

2.3.4. The contractor shall provide complete Operation & Maintenance (O&M) manuals and any required as-built drawings upon project completion.

3. Government Furnished Property: N/A

End Statement of Work