

STATEMENT OF WORK

for

VGLZ 162323

ADAL Fuel Cell and Corrosion Control – Building 154

Selfridge Air National Guard Base, Michigan

***Prepared by:
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ADAL Fuel Cell and Corrosion Control – Building 154

Selfridge Air National Guard Base, Michigan

1. STATEMENT OF WORK

- a. This project generally consists of the following:
 - i. Construction project for renovation of Hangar 154– VGLZ162323
 - ii. Refer to design plans and specifications.
 - iii. Comply with all safe work regulations
 - iv. Comply with all environmental regulations
 - v. Provide wet-pipe fire protection systems for all spaces per amended 100% design documents.
 - vi. Provide fire loop and connections to Hangar 154 to other MXG contracted fire protection system to as constructed in other contracts.

2. General repair and upgrades guidelines include, but are not limited to the following specifications and regulations:

- a. **APPLICABLE STANDARDS:** Latest published versions shall be used.
- b. Unified Facilities Criteria (UFC) and The Whole Building Design Guide and US Federal Design Standards for DOD Building Construction.
- c. Mechanical systems – ASHRAE and SMACNA Standards, Including ASHRAE 90.1.
- d. National Electric Code, NFPA No. 70

- e. National Electric Safety Code (ANSI C2).
 - f. National Fire Protection Association (NFPA 101) Life Safety Code.
 - g. International Building Code (IBC).
 - h. Uniform Federal Accessibility Standard (UFAS)
 - i. International Mechanical Code (IMC).
 - j. International Plumbing Code (IPC).
 - k. Applicable State, City and County codes and regulations.
 - l. ANG Design Policy -Tab D, ANG ETL 01-1, Jan 2003 (Revised March 2004)
 - m. Selfridge Base Design Standards – Latest Version
 - n. Occupational Safety and Health Administration standards
 - o. Michigan Occupational Safety and Health Administration Standards
2. Stamped drawings by a Professional Engineer (P.E.) or a Registered Architect (R.A.) are required for this project for fire protection systems and any structural overhead installations or platforms added. All hanging items and RTU curbs and unit installations will require a (P.E.) Stamp as well by this contractor's engineer.
 3. There will be a site visit, prior to award to allow for site investigation. Any site visits post award shall be coordinated with the Government.
 4. Record drawings may be provided to the contractor as a courtesy at the discretion of the Government, but their accuracy is not guaranteed. The contractor shall do his own field investigations of the utilities and other items in the area and base his work accordingly. The Government assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the Government. Nor does the Government assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding, or representation is expressly stated in this contract. These record drawings bear no such representation or understanding.
 5. Contractor shall conduct an intensive field survey of all existing conditions. The contractor should survey existing conditions and correlate their work requirements accordingly. Contractor shall verify all dimensions, calculations, and code requirements for all elements of work.
 6. The disturbance of Asbestos-Containing Building Material (ACBM) is not anticipated during this project other than noted areas. However, if additional suspected ACBM is encountered in other areas, work in the immediate vicinity must stop and the Contracting

Officer (KO) notified. After consultation with base personnel, the KO will direct further action to be taken. Work should proceed uninterrupted in unaffected areas of the project.

7. Based on the age of the buildings at Selfridge ANG Base, there is the potential for the presence of lead on painted surfaces. Best management practices must be employed to minimize dust and adequately protect workers from LBP exposure in accordance with OSHA and MIOSHA standards.)
8. Period of Performance shall be (18) Months days from notice to proceed. The contractor will provide a detailed milestone schedule of construction with dates for changeover work that will accommodate the needs of the existing systems for continuation of services.
9. The contractor shall submit to the Contracting Officer a coordinated schedule indicating the sequence of operations for review prior to commencement of the work. Currently base is open from Monday thru Friday 0700-1700 only. Any work outside these hours and on Federal Holidays must be requested at least 72 business hours in advance and then approved by the contracting officer. The federal holidays are listed below:
 - a. January 1st – New Year’s Day
 - b. Third Monday in January – Martin Luther King Jr. Day
 - c. Third Monday in February – Washington’s Birthday
 - d. Last Monday in May – Memorial Day
 - e. June 19th - Juneteenth Holiday
 - f. July 4th – Independence Day
 - g. First Monday In September – Labor Day
 - h. Second Monday in October – Columbus Day
 - i. November 11th – Veterans Day
 - j. Last Thursday in November – Thanksgiving Day
 - k. December 25th – Christmas Day
10. The facilities will be operational and occupied during this project. The Contractor shall fully cooperate with the other contractors and with Government employees and shall carefully adapt scheduling and performing the work under this contract to accommodate the additional work (of others), heeding any direction that may be provided by the

Contracting Officer. The Contractor shall not commit or permit any act that will interfere with the performance of work by any other contractor or by Government employees.

11. Egress: Do not close or obstruct walkways, corridors, or other occupied facilities without written permission from the contracting officer.

12. Life Safety

- a. The contractor will have pre-task safety plans in place for all inspection work. These PTP will be reviewed and approved by the contractor's safety committee prior to any site visits.
 - b. The contractor will have an escort at all times and shall exercise due care and extreme caution on all site locations. The contractor will assume ALL power systems are live and active and may require full lockout procedures, fall protection and confined space safe practices to proceed.
 - c. This contractor is not authorized to take any unnecessary risks or have people onsite who do not have knowledge of the risks associated with the work, such as: electrical shock, fall hazards, rotating machinery, confined space and methane gas hazards.
 - 1.
- b. Access and General Protection/Security Policy and Procedures.
- i. 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.
 - ii. 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 31-101 and AFI 10-245), 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. INITIATION OF WORK

a. The Contractor may not proceed or initiate any work prior to receipt of original notice to proceed. Any work done without being directed to do so by the Contracting Officer shall be at the

b. There will be a site visit, prior to award to allow for site investigation. Any site visits post award shall be coordinated with the Government.

c. Record drawings may be provided to the Contractor as a courtesy at the discretion of the Government, but their accuracy is not guaranteed. The Contractor shall do his own field investigations of the utilities and other items in the area and base his work accordingly. The Government assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the Government. Nor does the Government assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding, or representation is expressly stated in this contract. These record drawings bear no such representation or understanding.

d. Contractor shall conduct an intensive field survey of all existing conditions. The Contractor should survey existing conditions and correlate their work requirements accordingly. Contractor shall verify all dimensions, calculations, and code requirements for all elements of work. The Contractor is ultimately responsible for constructability and providing a complete and usable product at the completion of the project.

4. GOVERNMENT REVIEW

a. All materials, components, and equipment shall be specified for approval by the Contracting Officer. All items designated for submittal and test shall be sufficiently described to provide the Government a basis for review and approval or disapproval.

b. Hardware and equipment shall be comprised of new products the manufacturer is currently manufacturing, have spare parts available for at least five years after completion of contract.

c. Government form AF 66 provides a list of required submittals; however, this list is not limiting. Any submittal requested by the Contracting Officer shall be submitted to the Contracting Officer on AF form 3000 for government review.