

Statement of Work

Replace Roof, Bldg 112, USEB222302
Roland R. Wright Air National Guard Base
Salt Lake City, UT

3 August 2022

- 1.0. DEFINITIONS: As used throughout this contract, the following terms shall have the meaning set forth below:
 - 1.1. Contractor: The term Contractor as used herein refers to both the prime Contractor and any subcontractors. The Contractor shall ensure that his subcontractors comply with this Statement of Work and all other terms and conditions of this contract.
 - 1.2. Government: Utah ANG or tenant organization, represented primarily by the CO and COR.
 - 1.3. Contracting Officer (CO): Government representative designated to administer the contract. Only the Contracting Officer has the authority to change the terms of this Contract.
 - 1.4. Contracting Officer Representative (COR): Government representative designated by the Contracting Officer to be responsible for surveillance of Contractor performance.

- 2.0. SCOPE OF WORK
 - 2.1. Roof Work to be done:
 - 2.1.1. The Contractor shall provide all necessary personnel, materials, equipment, labor, supervision and facilities in the removal, replacement and installation of the roof on the following buildings:
 - 2.1.1.1. Building 112 (approximately 13,250 sq. ft.); field verify.
 - 2.1.2. Work is to include the removal of existing roofing membrane, insulation, and damaged roof decking. Contractor shall field inspect roof joist for structural integrity. Installation of new roof decking, insulation, and roof membrane according to base specifications. Work shall include, but not be limited to, the following:
 - 2.1.2.1. Removing or uninstalling equipment necessary to remove the roof.
 - 2.1.2.1.1. **The disabled swamp cooler and relief damper (to include ductwork) on the roof of building 112 west storage bay shall be removed, demolished, and install decking in openings. Water line shall be capped below the roof deck in a visible location. Electrical connections to be removed by the Government.**
 - 2.1.2.2. Remove existing roofing to include flashing and parapet cap (if present).
 - 2.1.2.2.1.1. Curbing that is supporting equipment shall be built up to a height that allows for proper clearance from the roofing materials
 - 2.1.2.3. Remove all insulation from roof. Roof has major leaks and no insulation is expected to be reusable.
 - 2.1.2.4. Install polyisocyanurate foam board insulation to accomplish a minimum R-30 insulation value. The minimum compressive strength shall be 25 psi.
 - 2.1.2.5. Install new flashing.
 - 2.1.2.6. Install new parapet cap (if previously existing).
 - 2.1.2.7. Install new roof membrane. Membrane shall be weldable thermoplastic PVC, fully adhered. Minimum membrane thickness is 60 mils. Membrane color and

other specifications shall be coordinated with the Government. Color shall be a light grey or equivalent.

2.1.2.8. Install new walk pad from roof entrance up to and around the perimeter of all equipment.

2.1.2.9. Replace damaged roof decking section in the west storage bay. The corroded joists shall be inspected, corrosion removed, and repainted. If further repair or replacement is advised for decking or joists, notify the Government.

2.1.2.10. Contractor is responsible for damage during construction to items (conduit, piping, etc) that were visible from interior open or drop ceilings, or had a clear location shown on as-builts. Government is responsible for damage to items that were not visible or clear location shown on as-builts.

2.1.2.11. Roof assemblies, Coverings, and Rooftop structures shall comply with the UFC 3-600-01. Special consideration shall be given to chapter 15 and chapter 34, section 11. Reinstall previously removed equipment if not identified for demolition.

2.1.2.12. Drain collars are to be replaced rather than reinstalled. Replace all seals.

2.1.3. After NTP the contractor is responsible to ensure roof is maintained and water intrusion is prevented

2.2. The contractor is responsible for verifying scope of work and visible site conditions prior to bid. A site visit will be arranged if requested.

2.3. All work required for a complete and usable final product is included in the scope of work even if not specifically called out. Contractor shall submit a Request for Information if there is any uncertainty in the scope of work.

3.0. OTHER DELIVERABLES

3.1. Contractor shall maintain red-line drawings of all field changes throughout construction and provide As-Built drawings of final installation prior to final acceptance by the Government.

3.2. At the conclusion of the project the Contractor will be responsible to compile and furnish to the CO, DD Form 1354, "TRANSFER AND ACCEPTANCE OF MILITARY REAL PROPERTY", indicating all costs and quantity data of materials and systems furnished and installed.

3.3. At the pre-construction conference, Contractor shall provide a submittal list and schedule for Government approval of major materials and equipment.

4.0. SCHEDULING

4.1. Contractor shall have 210 calendar days from NTP to complete the project.

4.2. The facility will be occupied during this project.

4.3. Temporary utilities (power, HVAC, lighting, etc) are not expected to be required to support building use and functions during this project.

4.4. Work must be accomplished on this project such that normal operations are not adversely affected. Interruptions shall be minimized to the maximum extent reasonably possible, must be coordinated through the COR at least 2 weeks in advance, and shall be

scheduled at the Government's convenience. Contractor is responsible for performing labor, safety, and all other requirements necessary for utility outages unless otherwise notified by Government.

4.5. Regular working hours must consist of a period established by the Contractor Officer, between 0530-1800, Monday through Friday. Unless approved in advance, all work that requires Government inspection, excavation near utilities, access to inaccessible areas, utilization of the secondary base gate, or is otherwise likely to require supervision or input from the Contracting Officer, Contracting Officer's Representative, or other base agencies; shall be performed during the standard Government working hours of Monday through Thursday 0600-1630. All federal holidays (as observed on a Monday to Thursday schedule) and the Thursday the week prior to the Christmas holiday will be excluded from regular working hours. Requests for additional work periods requires written approval from the Contracting Officer 7 days in advance of the proposed work period.

4.5.1. The Government does not anticipate a requirement for significant work during other than normal business hours in order to meet project timelines. The Government may require the Contractor to perform certain tasks during nights or weekends. These will typically be limited in nature and include work that impacts base mission, populace, and traffic, such as: utility outages, short-term closure of major roads or gates, hazardous material abatement in occupied facilities, or similar activities.

4.6. Pre-construction Conference: Prior to commencing work, the Contractor shall meet in conference with the CO to discuss, schedule, performance and base requirements.

4.7. Project Schedule: The Contractor is responsible for providing a project schedule at the pre-construction conference. The schedule can be in MS Project, Primavera, or like format.

4.8. Contracting Officer will provide a 24 hour [minimum] notification prior to any type of work rescheduling.

4.9. Progress Meetings: Contractor will hold progress meetings on-site with the CO and the COR. Frequency shall be monthly, dates and times will be agreed upon at the pre-performance conference.

5.0. CONTRACTOR RESPONSIBILITIES

5.1. 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 design accordingly.

5.2. Before beginning construction, Contractor shall provide evidence of adequate design, including but not limited to electrical, mechanical, and civil calculations. Contractor is responsible for ensuring constructability and code compliance.

5.3. All design and construction shall be accomplished in accordance with applicable UFC's, ETL's, local, state and national Codes, base standards and all other applicable laws, codes and guidance. Applicable construction code requirements are outlined by

UFC 1-200-01 and modified for ANG projects by ANG ETLs, ANGI, or other requirements, specifically ANG ETLs 15-01 and 12-05.

- 5.4. The Contractor shall be a reputable company regularly engaged in this type of work. Personnel performing work under this contract shall be qualified to perform the required work in a professional and workmanlike manner. Sufficient personnel shall be available to perform the work as specified.
- 5.5. Submission of a bid by a Contractor shall be accepted as prima-facie evidence that he has examined the specifications, drawings, and the site of the work, and has satisfied himself as to all matters which affect the work or cost thereof under this contract. Any failure by the Contractor to acquaint himself with all available information, including physical survey of the site of the proposed work, will not relieve him from successfully completing the project. The bids submitted shall be firm fixed-price without request for additional funds for extras for the work to be completed.

6.0. GOVERNMENT FURNISHED PROPERTY AND SERVICES

- 6.1. Facilities: The Government shall not furnish or make facilities not involved in project available to the Contractor.
- 6.2. Equipment/Material: The Government shall not provide the Contractor the use of any Government owned equipment or materials.
- 6.3. Utilities: The Government will furnish all reasonable amounts electric current at existing outlets required for the work to be performed under the contract at no cost to the Contractor.
- 6.4. Emergency Medical Care: No emergency medical care is available to Contractor employees who suffer an on-the-job injury or disease. Emergency medical care is solely the responsibility of the Contractor.
- 6.5. Contractor is responsible for all material deliveries. Government shall not sign for or accept any deliveries of materials on behalf of the Contractor.
 - 6.5.1. Government shall provide base access and escort for material deliveries, which the Contractor shall coordinate in advance with the CO and COR.
 - 6.5.2. For any materials supplied directly to the Government (spare parts, filters, belts, etc.):
 - 6.5.2.1. Before delivery (if provided by direct shipment): Contractor shall provide an itemized inventory and delivery information including the shipping carrier name and contact information, estimated delivery date, and tracking number. Shipments shall be marked with the project number with attention to 151st Civil Engineer Squadron and the COR's name.
 - 6.5.2.2. After delivery: Contractor shall provide an itemized receipt of all delivered items including: date of delivery, method and location of delivery, and printed name and signature of the project COR accepting the delivery.
- 6.6. Contractor is responsible for storage of materials, tools, or any other items not officially transferred to the Government. Government may provide a location for material storage or lay down yard. Unless clearly identified in contract documents and negotiations, storage area is dependent on availability and discretion of the Government. Contractor is responsible for security of any storage areas.

7.0. QUALITY CONTROL/QUALITY ASSURANCE

- 7.1. Quality Control: The Contractor shall furnish all labor, materials and equipment required to accomplish the project, so that upon its completion, it is a complete and usable product and meets these Specifications and all other contractual terms and conditions of this contract.
- 7.2. Quality Assurance: A Contracting Officer Representative (COR) will be appointed by the Contracting Officer to provide technical assistance to the CO in the administration of the contract. This responsibility involves surveillance and quality assurance of Contractor performance and evaluation and certification of Contractor performance for payment purposes. Surveillance observations will be recorded by the COR. When an observation indicates defective performance, the COR will request the Contractor's Superintendent or Representative to correct the deficiency. As the Contracting Officer's Representative, the COR is authorized to request correction of deficiencies, however the COR is not authorized and cannot change the terms and scope of this contract.
- 7.3. Clean Up: The Contractor shall ensure that all unused material and debris is cleaned up at the end of each working day and that the project site is neat and orderly at the completion of the project. Disposal of the removed material is to be accomplished by the Contractor's own arrangements and must be removed completely from the site.
- 7.4. Contractor shall maintain a hazard free work area during daily operations. Provide adequate lighting for safe work area and personnel noise protection as required while engaged in work. There may be hazardous materials associated with this project. Contractor shall install proper construction markings and tape during work in progress.

8.0. SAFETY

- 8.1. Safety Officer Briefing: The Base Safety Officer will brief the Contractor on their safety requirements at the preconstruction conference.
- 8.2. Accident Reporting: The Contractor shall comply with OSHA and other regulatory agency requirements for record keeping and reporting of all accidents resulting in trauma or injury.
- 8.3. Protection of Existing Facilities: The Contractor will be responsible for all base equipment, underground and above ground facilities, grassy areas, shrubbery, trees, fences, etc. If any equipment or existing facilities are damaged, they will be repaired or replaced by and at the expense of the Contractor.
- 8.4. Damage Reports: In all instances where government property and/or equipment is damaged by Contractor's employees, the COR shall be notified immediately. A full report of the fact and extent of such damage shall be submitted by the Contractor to the COR within 24 hours of occurrence of the damage. The COR will forward the report to the CO immediately upon receipt.
- 8.5. Asbestos/Hazardous Substance: There is no known asbestos containing materials present in or around the building that could be affected in the performance of this work under contract.
 - 8.5.1. Roof has been tested for Asbestos, with None Detected. See attached report.

- 8.6. The Base Fire Chief or his representative shall brief the Contractor on fire prevention requirements at the preconstruction conference. The Contractor will familiarize himself and his employees of all requirements for handling and storage of combustible supplies and materials, daily disposal of combustible waste, trash, etc. Any welding or burning of any kind that will be done will require a Hot Work Permit issued by the Fire Department through the COR. Smoking is not allowed in any buildings.
- 8.7. Alterations to fire protection systems must comply with AFI 32-10141 Attachment 3.
- 8.8. No tobacco use is allowed on any area of the base except when located in the single tobacco use area in the Northwest corner of the base. This restriction applies to all tobacco, including chew and electronic cigarettes (vaping).

9.0. WARRANTY

- 9.1. A one-year warranty on materials and labor is required. Contractor shall provide correction of deficiencies during the year following contract completion.
- 9.2. Roof must be warrantied as specified in UFC 3-110-03 1-8.12.
- 9.3. The Contractor shall transfer any commercial warranty on materials or equipment included in the construction to the Government. Commercial warranties do not supersede the Contractor's required one-year warranty.

10.0. SECURITY

- 10.1. The contractor shall comply with all applicable installation/facility access and local security policies and procedures, as described below or directed by the 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. 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.
- 10.2. Contractor personnel shall obtain pass and individual picture identification items in accordance with UTANG Base and Air Force regulations. These may be obtained at Pass & ID, Bldg. 210, 151 Security Forces Squadron, Monday through Thursday from 0730-1530. An escort to and appointment with the badging office must also be arranged with the COR at least 24 hrs in advance. All contractors working on base will be required to submit to a background check and complete the required access paperwork before obtaining an access badge. All contractors/sub-contractor personnel will follow the vetting process for the Utah Air National Guard as outlined in the 151st Air Refueling Wing Integrated Defense Plan and 151 ARWI 64-002. Access will not be permitted until all personnel are vetted and approved for unescorted entry to the installation.
- 10.3. Exceptions to access badging requirements shall not be granted unless the contractor employee's total time on site is 4 hours or less. Work hours of escorted contractors are subject to availability of escorts.
- 10.4. The following items need to be complete prior arriving to the badging office:
 - 10.4.1. AT Level 1 Training link: <https://jko.jten.mil/courses/at1/launch.html>
 - 10.4.2. Pre-registration <https://dbids-global.dmdc.mil/enroll#!/>

- 10.4.3. Contractor Badge Request form. A representative from the Prime Contractor needs to sign the form as Contractor Supervisor. All arrests must be disclosed, even if not charged.
- 10.4.4. Signature on Contractor Base Policies Agreement
- 10.4.5. Two forms of ID, at least one federal or state issued w/picture ID.
- 10.5. Contractors/employees with the following will be denied base access: Non US Citizen, non-legal immigration status, SSN cannot be validated, prior barment, wanted fugitive, firearms conviction, convicted of crime (see list in contract), name on federal watch list, poses a threat to the good order, discipline, and morale of the installation.
- 10.6. Contractors may not use their retired/dependent military IDs or other federal agency IDs to enter or grant access for fellow contract employees on the Utah ANG Base. ALL contractor personnel must be issued a Base Badge.
- 10.7. Non-compliance will be considered an attempt to breach security on a federal facility and may result in removal from the base. Removal of contract employees may affect contract compliance which could result in contract termination.
- 10.8. In accordance with AFI 10-245 Antiterrorism, all contractor employees, to include subcontractor employees, requiring access to the installation, facilities and controlled access areas shall complete AT Level I awareness training prior to the start of work.
 - 10.8.1. AT level I awareness training shall be completed by visiting the following website: <http://jko.jten.mil>. The contractor shall submit certificates of completion for all contractor and subcontractor employees, to the contracting office prior to the start of work.
- 10.9. Immediately report instances of lost or stolen badges to the Contracting Officer.

11.0. ATTACHMENTS

- 11.1. Attachment 1: UTANG Base Map
- 11.2. Attachment 2: Asbestos Testing Reports
- 11.3. Attachment 3: Bldg 112 Roof Inspection Report (Liquid membrane has been added to the roof since this report as a temporary measure)
- 11.4. Attachment 4: Bldg 112 As-builts

12.0. REFERENCE DOCUMENTS

- 12.1. UFC 1-200-01 DoD Building Code
- 12.2. UFC 3-110-03 Roofing
- 12.3. UFC 3-600-01 Fire Protection Engineering for Facilities
- 12.4. ANG ETL 15-01: ANG Design Policy
- 12.5. ANG ETL 12-05: Design and Construction Handbook
- 12.6. ANG ETL 11-12: Compliance with Handicapped Accessibility
- 12.7. ANGH 32-1084 ANG Standard Facility Requirements
- 12.8. Documents available at: Construction Criteria Base
<https://www.wbdg.org/ccb/ccb.php>