Wichita Mountains Wildlife Refuge
21088 State Hwy 115
Cache, OK 73527

STATEMENT OF WORK

Wichita Mountains Wildlife Refuge Vehicle Bay Insulation Project

Background:

This is a non-personnel services contract to provide and install high-performance closed cell polyurethane spray foam insulation to the walls and roof of a pre-engineered metal building, insulate all overhead doors with pre-cut foam panels and upgrade door springs as needed. The Wichita Mountains Wildlife Refuge has a partially insulated vehicle storage building and is seeking bids to complete the interior insulation prior to heater installation. This project will allow fire service vehicles and equipment to be kept in this building without being subject to freezing conditions, increasing availability and readiness to respond to fire threats.

Description of Services:
The work consists of the contractor furnishing and providing all labor, personnel, supervision, equipment, training, transportation, tools, materials, operating supplies, and any other incidental items and services necessary to insulate the building. The Refuge will provide electricity and water sources. No other Refuge provided material will be provided. The Refuge will remove equipment stored in the building from the work area.

This is a standard pre-engineered metal building, horizontal girts and purlins, concrete slab, with electrical and life/safety components. The area to be insulated is 135’ x 36’9”, Ceiling height is 19’ at the peak height and 16’ at the eave, exterior sheeting is 26 Ga steel panels. There are three pedestrian doors and three overhead doors sized 14’h x10’w and six overhead doors sized 12’h x 10’w.

Application Areas:
Walls: Target value R-15. Full-height application directly to the inside of wall panels and within girts.
Roof: Target value R-30. Underside of metal roof panels and within purlins. Ensure that gaps in purlins are sealed.
Framing and penetration: Seal around structural members, doors, windows, and utility penetrations.
Overhead doors: Target value R-12.

Preparations and Installation:
-Contractor to label and remove existing plywood and electrical components as needed on the East, West and North walls, saving for reinstallation. Preserve plywood fastener screws for reinstallation. Partial plywood sheets that are not removable without disassembly of garage door components may be cut and shall be replaced with new ¾" plywood of a suitable width to reinstall without removal of garage door components.
-Contractor to inspect the substrate surface for moisture, dirt, oils, rust, or any other conditions that could interfere with proper foam adhesion and clean all affected surfaces before application.
-Contractor shall protect from overspray all building structures during work: lights, walls, doors, floor and any other building equipment or structure.
-Contractor shall apply a spray insulation warrantied by the manufacturer to last the life of the building.
-Contractor will maintain proper ventilation during and after installation until off-gassing dissipates.
-Contractor will coat the applied insulation with appropriate thermal / ignition intumescent barrier required by building code. Coating color shall be white.
-Contractor to reinstall removed electrical components and ¾" plywood using preserved screws. Plywood shall be installed in the same orientation and position as the original installation.
- Insulate nine garage doors with pre-cut foam panels designed for the overhead doors and install to the manufacture's specifications, protect and preserve the integrated windows.
- Upgrade overhead door springs to accommodate for the added weight of the foam panels.

Safety and Compliance:
-Comply with OSHA regulations for worker protection and respirator use.
-Use only certified spray foam installers.
-Comply with Federal, state, and local regulations.
-The station point of contact must confirm cleaning of work site and observable quality control acceptance prior to payment authorization.

Project submittals:
The following information is required from the Contractor, but not limited to:
-Product Technical Data and Specifications
-Product Installation Instructions
-Warranty information
-Submittals shall be emailed to the following: charles_peters@fws.gov

Pre-bid site visit:
Contact for scheduling: Howard Boss (580) 483-8921

Period of Performance: The project shall be completed no later than 90 calendar days from the Notice to Proceed issued by the Contracting Officer.

Place of Performance: The work to be performed under this contract will be performed at the Wichita Mountains Wildlife Refuge 21088 State Hwy 115 Cache OK 73527.

Hours of Operation: Hours of operation for this work will be between the hours of 7:00am and 3:30pm CST Monday through Friday. Work outside of these hours or on Federal holidays must be coordinated first with the assigned station point of contact.

Recognized Federal Holidays: The contractor is not required to provide contract services on the following observed Federal holidays: New Year's Day, Martin Luther King's birthday, President's Day, Memorial Day, Juneteenth Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving and Christmas Day.

Weather Conditions: Extreme flooding or fire danger in the project area may require the refuge to close or reduce hours of operation. The Contractor will be informed by the COR if these restrictions are in effect.