

REQUEST FOR BIDS

Type of Solicitations: This is a subcontracting opportunity to replace an HVAC unit

Location: North Texas Job Corps Center
1701 N. Church Street
McKinney, Texas 75069

Statement of Work

Project Title: Dormitory 5 HVAC Unit 1 Replacement

Background: The objective of this project is to replace the failed existing gas fired HVAC Unit 1 in Dorm 5 at the North Texas Job Corps Center.

The equipment includes a heat pump system with a gas-fired furnace, manufactured by Trane.

The facility requires the replacement of the existing HVAC unit for a new split system HVAC unit with standard condenser with a 14 SEER rating or greater.

Dorm 5 is a single story, load bearing masonry on reinforced concrete foundation building constructed in 1990. The exterior walls are masonry clad with wood furring and interior wood stud walls with sheet rock finishes. The existing furnaces are gas fired with DX cooling coils and packaged compressors on a central exterior pad. The roof is composed of a wood trusses and plywood and asphalt shingle system. The ceiling in the student lounge area is comprised of sheet rock and metal grid suspended from the roof structure above.

Scope of Work:

- Perform Lock Out Tag Out
- Recover and dispose the bad/burnt R-22 refrigerant in accordance with the EPA requirements. Any reusable R-22 should be recovered and delivered to the Facilities Manager for re-use.
- Remove and replace one aged HVAC system.
- New system will include a 5 ton outdoor unit (minimum 14 SEER), 5 ton indoor gas fired furnace, liquid line drier, 5 ton evaporator coil, line sets, and associated materials. The existing unit (non-functioning) will be disposed of by the contractor.
- Coordinate with the Fire Alarm Contractor for temporary disconnection, protection, and re-connection of the existing duct smoke detectors.
- The new HVAC Heat Pump systems shall utilize an environmentally friendly refrigerant like R410-A and shall meet or exceed the latest ASHRAE 90.1 energy efficiency (SEER-14 or higher) requirements at the time of purchase.
- Reuse existing ductwork to greatest extent possible. Provide new ductwork as needed.
- Repair/replace damaged duct insulation during unit replacement.
- Provide the unit with the new insulated refrigerant line set, TXV, filter dryer, and supply/return duct flexible connectors.
- Existing controls replaced with touch screen thermostat with remote sensor.
- Both indoor unit and outdoor units shall be provided with a new disconnect switch properly sized to conform to the latest NEC code requirements and manufacturer's

recommendation. Provide and install new flexible electrical connections from the disconnect switches to the units in compliance with NEC code requirements.

- Pressurize the systems and check for any leakage.
- Perform startup and operational text.

Note: If additional repairs are required, the center will work to create a change order for these repairs.

Pre-Bid Walkthroughs:

A pre-bid site visit can be arranged by contacting Stacy Smith at smith.stacy@jobcorps.org for interested bidders.

Deadlines:

- Bidders, if applicable, will be responsible for submitting any questions to the Buyer in writing by February 24, 2023. Buyer will respond to all questions by all potential bidders.
- Bids must be submitted by March 3, 2023 at 11:59pm cst.

Applicable Documents:

- Manufacture's specifications on all equipment required with quote.
- Form 1413 which acknowledges that Certified Payroll in accordance with the Davis Bacon Act (www.beta.sam.gov) for work completed over \$2,000 will be required before final payment is made.
- Bids should have labor broken out on a separate line with estimated number of employees working on site, Davis Bacon job classifications, and wages listed.
- Certificate of Liability Insurance with Serrato Corporation listed as a certificate holder
- Prices Quoted should be good for 90 days

Place of Performance:

Dorm 5

Primary Point of Contact: Stacy Smith, Center Buyer
North Texas Job Corps
E-mail: smith.stacy@jobcorps.org
Office: (972) 547-7807
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Secondary Point of Conduct: Roy Henderson, Facilities Maintenance Manger
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