

Burn Room Specs

The City of Albuquerque (ABQ) Fire Department wishes to purchase materials and the installation of their Burn Room located at the Fire Academy Drill Field - 11500 Sunset Gardens Rd., SW, Albuquerque, NM 87121. The Burn Room currently has tiles that protect the room from extreme heat. The ABQ Fire Department conducts live fire training with cadets and field personnel in this room. This room allows the ABQ Fire Department to practice basic and advanced firefighting techniques that result in saving lives and property.

The Burn Room building was built in 1990. The room currently has ceramic tiles that have a 1200° F rating. The tiles were last replaced in 2003 and 2006 and at this time have approximately 25% of the tiles unusable or missing. This request is for the total replacement of new materials, installation and clean-up of the Burn Room. Total replacement shall include doors, jambs, shutters and seals.

The system purchased and installed must allow for the ABQ Fire Department to train in compliance with NFPA 1001 for Firefighter I and II. It will also allow the ABQ Fire Department to be compliant with NFPA 1403 Live Fire Evolutions.

The ABQ Fire Department will have demolition and disposal of current materials prior to the notice to proceed of the installation of new material replacement. Contractor will not be responsible for demolition.

The ABQ Fire Department will conduct a DEMO for potential bidders at the **MANDATORY PRE-BID CONFERENCE to be held on: Monday, May 5, 2014 @ 10:30am.**

- The City of Albuquerque is requesting bids for the Westec Insulating System for Fire Facilities **or equal.**
- Panels/System shall be of a sturdy material and resistant to breaking, spalling, and cracking.

- Panels/System shall be of sufficient size as to reduce/eliminate the amount of seams during installation.
- Panels/System shall have a temp rating sufficient for the intended application, but no less than 1200° F.
- Panels/System shall not be affected by application of water or rapid cooling during its intended use.
- Panels/System shall not produce any toxic byproducts during intended use and be free of asbestos.
- Panels/System shall be able to withstand direct flame impingement.
- Panels/System shall be resistant to freezing, rust, and corrosion.
- Panels/System shall be resistant to possible damage from conducting training scenarios (impact, large water streams, heating and cooling cycles).
- Panel/System will be attached to a poured concrete structure's walls and ceiling, a suitable material shall be used to attach (panel/system) to said structure. Bolts, fasteners, anchors, and the like shall not protrude into the burn area. In addition all anchoring and fastening materials shall be resistant to extreme temperature fluctuations, rust and corrosion.
- Panels/System shall be supported by warranty in accordance with industry standards.
- A site visit must be performed to obtain measurements and other pertinent information about the structure in which the panels/system will be installed.
- A minimum 5 year warranty will be required.