



Job Order Contract

Brief Scope of Work

Date: June 17, 2020 3:14 pm

Work Order No.: 20003-19138.0

Work Order Name: SRJ Solar Thermal Panel Demolition

Location: Sta Rita Jail Facility

Brief Scope: Demolish and remove 42 Focal Point Energy solar thermal collectors weighing about 2,000 lbs each including their support metal structure. (Do not Demo Mounting brackets as shown in the picture).
The panels are mounted on the service building of Santa Rita Jail. Google earth provides a very good view of the panels and roads around the service building for crane access.
The demolition, removal and disposal of solar thermal system shall include, but not be limited to, the following:

- Demolish piping
- Pumps for solar thermal system
- Heat exchanger for solar thermal system
- Expansion tank for solar thermal system
- Pump switches for solar thermal system
- Remove the BTU meter, flow meter and sensors associated with the meters and hand over to the County staff.
- Above roof conduits installed for solar thermal system shall be demolished and removed.
- Demo solar thermal control system and communication wiring.
- Demo weather station panel and instruments.
- Demo supply and return headers (pipes) on the roof and inside the building.
- Other equipment associated with solar thermal system on the roof and inside the building.

Safe isolation of electrical panel is required by a licensed electrician. Plumbing disconnects and capping shall be performed by a certified, licensed plumber.

Seal all open roof penetrations after demolition work to avoid water intrusion and roof damages.

All necessary precautions are to be taken and are the responsibility of the Vendor to protect the existing roof from damages during demolition project.

The responsibility for installation and maintenance of adequate traffic control devices, warning devices and barriers for the protection of the traveling public and workers, as well as to safeguard the work area in general, shall rest with the Vendor.

The traffic control devices, warning devices and barriers shall be erected by the Vendor prior to creation of any hazardous condition and in conjunction with any necessary re-routing of traffic. The Vendor shall dispose of all materials in a safe and efficient manner in accordance with all local, state and federal regulations.

When solar thermal system removal or demolition has commenced and any part of the structure must be left standing or debris remains on the property at the conclusion of a workday, the Vendor must secure the area so that no safety hazard is present.

Alameda County Sheriff's department site clearance is required for all workers expected to work

Request For Proposal Report Continues...

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at this site, including crane drivers, project managers, and demolition crew.

The Vendor shall: conduct all demolition activities in accordance with all applicable codes and local regulations.

The Vendor shall furnish all labor, equipment, supplies, materials, expertise, and any other items necessary to accomplish the specified services.

The Vendor shall visit and carefully examine those portions of the building and site affected by this work before submitting proposals so as to become familiar with existing conditions and difficulties that will affect execution of the work.

See attached for photos relating to the Scope of Work

The above items detail the scope of work. All requirements necessary to accomplish the items set forth shall be considered part of this scope of work:

SRJ Solar Thermal Panel Demolition - Scope Photographs





