

SCOPE: Project A: RFP 1125

Demolition and Removal of Boiler No. 2 , Salvage of Operating Components and Delivery to Owner

Bid Date: Thursday, 12 September 2013, 4:00 PM.

Direct Proposal to:

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Additional Contact Information:

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Probable Schedule: Pending contractual agreement:

Demolition begins by 15 October 2013 and must be complete no later than 15 November 2013.

Refer to the plan of page 4 of this document for location of items:

The following request for proposal (**RFP**) is for the demolition of Boiler No. 2 and preparation of the path of installation of a new 700 HP boiler in a subsequent and separate contract.

Item1: Boiler Demolition

This includes the salvage and packaging of combustion fan assembly, gas train, controls, fittings and gauges and delivery to the owner. The boiler width is approximately 120" and will require a path through the aisle requiring demolition or relocation of equipment on the east side of the mechanical room.

The building experiences excessive pressurization during strong southerly winds that will inject unmanaged smoke, fumes and odors into the corridor to the west and consequently into the tenant areas of the building. The contractor shall provide for positive removal of smoke, fumes, and odors from the boiler room on all days including windy days. Describe the mechanisms in the proposal for managing this condition.

Exterior support area: Describe the amount of lay-off area required for material coming out of the building.

Significant debris and pipe shall be removed within 48-hours of deposit in the lay-off area.

Item 2: 10" Overhead Piping for future connection:

Demolition will include removal of overhead 10" un-insulated piping running east-west above the aisle between the boilers and chiller. The piping shall be prepared with flanges for re-installation after the new boiler has been installed. Demolition contractor shall re-install the piping and strobe after the new 700 HP boiler is in place. (Approximately 10 December 2013).

Item 3: South Air Compressor

Disconnect and relocate control-air air compressor frame to the east.

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Scope of Work - Project A, Boiler Demolition RFP 1125

Item 4: West-End of Office Wall Removal Scope for the plug-in number: (Not in this scope of work.)

Remove bulletin boards, window frames, doors and hardware and other appurtenances and provide to owner for storage. The office wall is to be removed 12" to the east of a north-south that lines up with the east edge of the freight door frame. The opening shall be enclosed with a temporary frame and covered in 6-mil clear plastic sheeting. Provide a temporary hollow-core door with lockset in the frame for passage. Furnish keys to the operating engineer.

Removal of approximately 30" of west end of engineer's office on east side of mechanical room will be handled by Subcon Construction. The demolition contractor shall plug in **\$3,434** for demolition of the west end of the operating engineer's office.

Item 5: Motorized Lift: (Not in this scope of work.)

At the end of demolition of the boiler, remove the motorized lift at the freight door and re-locate to the loading dock for storage. Label all removed attachment hardware and electrical connections and attach to lift in clear plastic bags or cardboard boxes with external labels. Note wiring connections in a schematic for re-installation by others. Label existing wiring connections that remain.

Item 6: Chemical Feed Tank and System Controls

Relocate chemical feed tank control components approximately 4' to the south

Item 7: Work bench.

Unbolt work-bench and relocate to the north to a site acceptable to the operating engineers.

Item 8: Relocation/Installation of New Medical Air System (Not in this scope of work.)

This work will be completed ahead of the installation contract.

Item 9: Relocate Two Air Dryers..

Two (2) air dryers shall be disconnected and moved north clear of the boiler-path. Reconnect the air dryers.

Item 10: Condensate Cooling Heat Exchanger.

Disconnect assembly and prepare for storage in dock area west of boiler room. Knock base down to slightly below floor level.

Item 11: Existing Chart Box

Disconnect and remove existing chart box. Coordinate with the owner the disposal of equipment.

End

This section for information only.

SCOPE: Project B: Boiler Installation

The following request for proposal (**RFP**) is for the installation of one (1) 700 HP (24,150 lbs/hr. at 85 PSI) steam boiler at 10:1 turn-down and (1) 60 HP (2,008 lbs./hrs at 85 PSI) steam boiler to replace an existing 2,500 Horsepower boiler.

Existing boiler No. 1 will remain and be exercised once each month to ensure proper operation in the event of an issue with the new boiler(s). The first distinction is that the new boiler(s) displace the use of the existing boilers and will be operated separately.

The new boilers are not added load. Peak load based on weather and hourly data from ONG on Wednesday, 26 December 2012: 28 MCF per hour.

Per the following partial plan, the area designated as the boiler room will accommodate the new boiler(s) with an extension of the existing refrigerant monitor control. This plan is schematic and intended only for guidance in the RFP.

BNFT: The RFP process is a confidential **best-number-first-time (BNFT)** request for complete equipment including coordination with the boiler manufacturer and providing start-up services as listed.

