

## **PTRP Boiler - Bid Site Visit RFIs**

1. Electrical design has not been provided. Please provide electrical design (Electrical plan sheets) including name and location of the existing electrical panel and circuit(s) being reutilized to all bidders by amendment.

Answer: **Existing Electrical drawings were included in the RFP. New boiler will use existing power.**

2. Engineering: Standard Form 1449, Section 20, states, "The contractor shall provide all engineering....." Please specifically define what engineering the contractor is required to perform.

Answer: **This refers to all construction required to provide a complete and usable product at completion.**

3. Boilers: Standard Form 1449, Section 20, states, "The contractor shall provide ....hot water boilers..." (emphasis on plural) Is the intent to replace only one boiler or are there multiple boilers?

Answer: **There is only one boiler being replaced. If there is the possibility of fitting a second boiler in the existing space we would prefer that for redundancy purposes.**

4. Boiler Schedule: It appears the drawings that were provided are record drawings for the existing project. Those drawings do not include an equipment schedule which would normally identify a *Basis of Design* boiler, or as a minimum, provide boiler equipment performance requirements which could be cross-referenced to select a boiler. Without that information, it is difficult to know exactly what the VA expects the contractor to provide in the way of a boiler. *Contractor Responsibilities* on Page 5 of 47 lists: 500,000 Btu/hr, 12.9 hp/126 kW and 208v/3ph/60hz - 3.0 Amps. Is that all the information the VA can provide or is there a *Basis of Design* boiler?

Answer: **This is all the info being provided for the new boiler(s).**

5. Circulating Pumps: There was discussion at the site visit that the existing pumps are relatively new and may not need to be replaced. SF1449, Section 20 states, "The contractor shall provide.....hot water boilers and pumps..." Please confirm that the intent is to replace existing pumps.

Answer: **Yes, existing pumps are to be replaced.**

6. Electrical: It appears the drawings that were provided are record drawings for the existing project. Those drawings do not include a power plan showing feeders/circuits, existing electrical panels, etc. Please provide that information.

Answer: **Info is provided in electrical drawings that were included in the RFP. Sheets ES7.0, 7.1 & 7.2**

7. Performance Period: *Contractor Responsibilities* on Page 5 of 47 establishes a 30-calendar day performance period. Once the equipment is on site, 30 days should be a sufficient amount of time to complete the boiler change out. However, if the intent is to complete the project within 30 days after the NTP is issued - not allowing time for submittal preparation, submittal approval, equipment fabrication and delivery - 30 calendar days is not enough time to complete the project. Please consider starting the clock after the equipment is delivered to the project.

Answer: **Amendment to be made to change PoP to 90 Days to include time for submittals and equipment arrival.**

8. Will this project require stamped engineered shop drawings to be provided by the contractor?

Answer: **No**

9. Amendment A00002 added the requirement for a bid guarantee which we knew would be required. As you know, Standard Form 1449, Section 20, allows us to email out quote to you before bid closing time. Is it acceptable to email a copy of our bid bond (bid guarantee) with our quote?

Answer: **Yes**

10. Would you be able to provide the pump flow and the head pressure on the pumps that are currently in place?

Answer: **All the info currently available is provided in the existing drawings found in the RFP.**

11. Will the Government be providing the drawings and specifications for the new feeders/circuits to the new equipment associated with the project? If so, will the bid date be postponed in order to incorporate the electrical work required?

Answer: **There will be no new feeders and circuits as all new boiler(s) will utilize existing electrical.**

12. Please provide the "basis of design" boiler and other new equipment, along with the electrical requirements and locations of electrical connections with dimensions.

Answer: **There is no "design." What we would like is included in the SOW.**

13. Are there adequate existing sources of electrical power to supply the new equipment? If so, provide panel designations, location(s) of panels and availability of the required breaker or fuse sizes.

Answer: **See answer to question #6**

14. Contractor Responsibilities on page 5 of 47 states, "The contractor shall be responsible for selecting and installing two stage modulating, high efficiency hot water boiler(s) that are capable of supporting the entire Polytrauma Transitional Housing." First, are we replacing one boiler or multiple boilers? Second, if the contractor is required to 'select' the boiler(s), this becomes a design-build project in which case a mechanical engineer will have to be employed to determine HVAC design loads, etc. Is that the intent? If not, please provide a *basis of design* boiler.

Answer: **This is not a design build. We are replacing one boiler with similar that meets the requirements as listed in the SOW and possibly a second for redundancy if existing space allows.**

15. Will a full containment under negative pressure be needed in the immediate work space?

Answer: **We do not anticipate any Infection Control measures to be implemented since this project is outside.**

15. Will Thermacor's Ferrotherm be acceptable for use on the buried hydronic pipe for this project.?

Answer: **We are only replacing the boiler and pumps. Chilled and hot water piping already exists.**