



State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

ADDENDUM # 3

12/17/2021

Solicitation #7663816

Title: Water Heater Replacement Project

Submission Deadline: December 30, 2021 @ 11:00 AM

Per the issuance of ADDENDUM #3 the following are noted:

Submitted questions & responses (see attached)

Interested Parties should monitor this website on a regular basis, for any additional information that may be posted.

**Gary P. Mosca
Chief Buyer**

**Water Heater Replacement Project
Solicitation # 7663819**

Submitted questions and responses:

Powers Building:

1. Will we be able to cap existing exhaust above existing or demo right to roof?

Answer: Old exhaust breaching pipe to roof shall be removed in its entirety, the roof cap shall be properly repaired, and the roof cap made watertight. Contractor shall coordinate with original roofing material manufacturer's rep to ensure this work is in accordance with the warranty specifications for this roof system. The original roofing manufacturer is Durolast Roofing. Contractor shall submit proposed roofing repair details for approval prior to doing any work on the roof or flashing caps.

2. New water heaters will be 240-208V 67A. Confirm Panel # RPPA can be utilized?

Answer: The contractor shall provide a new circuit breaker in the existing 480 V distribution panel DPP, a 45 kVA transformer, a new 175 A MCB, 120/280 V panel and feeders, as well as circuit breaker and feeders to the new heat pump water heater in the penthouse boiler room. The distance from panel DPP to the new 120/208 V panel location is approximately 50 ft. An engineering sketch will be provided to the winning bidder that clarifies the design intent further; however, as noted in the solicitation, this project is being procured as a turnkey project. The sketch and other engineering direction are being provided by the State as guidance as to the State's objectives for the project, but the contractor is responsible for final design details, adherence to all applicable codes, and for providing all documentation necessary to obtain permits, where necessary.

DOT Building:

1. With limited room where existing water heater is located can we install new away from wall?

Answer: Yes, because the existing water heater location does not allow for adequate clearances or working room to complete a proper installation, the owner will work with the successful contractor to identify a new location for the proposed water heater that does not interfere with existing walkways or paths of egress throughout the mechanical room.

2. Will new Cement Pad be required for install?

Answer: Yes, A new 4 in. concrete pad shall be provided of adequate footprint to support the new water heater. Once the new concrete pad has adequately cured, the contractor shall apply two coats of epoxy paint to the top and sides of the pad. -Concrete pad shall have 6x6 10/10 wwf reinforcing in the concrete.

3. Confirm Panel G1 can be utilized for new 208-240V requirements?

Answer: It is the State's intent that panel G1 be used to serve the new water heater. As noted above, however, the turnkey contractor is responsible for final electrical design and adherence to applicable building codes and permitting requirements.

Chapin Building:

1. Please clarify intent of new location for new water heater. Will existing Large Storage Tank be removed before installation?

Answer: Existing large storage tank is the current hot water heater for the facility. The intent of this solicitation is to have it removed along with its associated piping and other appurtenances, including the adjacent deionized water filtration system, which is out of service, as a part of this contract. DCAMM will work with the successful contractor to identify sufficient floor space to locate the new water heater(s). The State's intent is for the contractor to complete the installation and testing of the new water heater while keeping the existing water heater in operation as much as possible, so as to minimize any required shutdowns and cutovers to the new water heater.

2. Clarify limit of required demo in regards to existing system?

Answer: Contractor shall remove existing large hot water heater storage tank and associated piping and appurtenances, along with the decommissioned deionized water treatment system adjacent to the existing hot water tank. All existing piping and wiring shall be removed only in so far as is necessary to clear the area for installation of a new hot water heater. Note that new steam boilers will be installed in the future under a separate contract from this work. DCAMM will work with the contractor to identify a space for the new hot water heater in this area.

3. Will new pad be required?

Answer: Yes, 4 in. high, sufficient square footprint to accommodate the size of the new water heater specified under this solicitation. Epoxy coated after sufficient curing time similar to the other pads. Concrete pad shall have 6x6 10/10 wwf reinforcing in the concrete.

4. Confirm new water heater specified can handle buildings Hot Water requirements.

Answer: DCAMM has specified an acceptable appliance or equal which, if properly installed and commissioned, should supply sufficient hot water to the facility based on current utility data. If the questioner is submitting another make and model unknown to the owner, then the contractor assumes the responsibility to guarantee sufficient supply and recovery capacities.

5. No 208-240V panels in vicinity? Please indicate a Panel with location to utilize?

Answer: The contractor shall provide a new 200 A circuit breaker in the 208 V switchboard in the main electric room, a new 200 A MLO 120/280 V panel and feeders in the boiler room, as well as circuit breaker and feeders to the new water heater. The distance from the switchboard to the new 120/280 V panel location is approximately 150 ft. An engineering sketch will be provided to the winning bidder that clarifies the design intent further; however, as noted in the solicitation, this project is being provided as turnkey. The sketch and other engineering direction are being provided by the State as guidance as to the State's objectives for the project, but the contractor is responsible for final design details, adherence to all applicable codes, and for providing all documentation necessary to obtain permits, where necessary.

End.