



Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Web Site: www.purchasing.ri.gov

14 Jan 11

Addendum # 6

RFP # 7448088

Title: ARRA Cement Water Main Replacements and Water Booster Pump Station at RIC College (Design-Build)

Submission Deadline: 20 January 11 @ 11:00 AM (EST)

1. **Question:** Will Rhode Island College's insurance carrier accept a third party certification for the booster pump station package? Please confirm that the high service pumps going into the station do not need to be UL/FM approved fire pumps and that a third party certification will satisfy the College's insurance carrier's requirements.

Answer: This relates to the proposed station at Mt. Pleasant Ave./College Rd. The RFP states that "this station must be designed to accommodate both domestic and fire conditions the station shall be equipped with a minimum of two low flow pumps and two high flow pumps to with variable frequency drives to provide for the required flow range and redundancy. Final pump sizing shall be determined as part of the design."

This should be modified as follows:

The station must be designed to accommodate both domestic and fire flow conditions. The station shall be equipped with one (1) UL/FM approved dedicated fire pump and controller. The station shall be equipped with a minimum of three (3) domestic water booster pumps that shall allow for pumping of water from minimum flow to peak hour demand. The station shall have a redundant pump for the largest domestic pump. All pumps shall have variable frequency drives. Final pump sizing shall be determined as part of the design.

Clarification: **In a previous addendum, it was indicated that a review from the State Fire Marshal's office was not required. This was incorrect. The State Fire Marshal's office must review and approve the pump station design plans. Typical review time is 2 – 4 weeks.**

2. **Question:** In accordance with the bid documents Pare Engineering has completed the preliminary hydraulic analysis of RIC water system. Bid proposal states that RIC will provide the successful bidder with demand data to run a hydraulic analysis. Pare has an advantage over other entities as they have the hydraulic model to run the final analysis. Other entities will have to develop a model in order to perform the analysis. In order to have all parties on the same playing field, it would be in the best interest if RIC had Pare perform the final analysis. Is this possible?

Answer: No. The design-build team shall be responsible for all required analyses. The development of the skeletonized hydraulic model is a minor task relative to the overall scope of the project. RIC will provide demand data, fire flow test results, and a paper schematic of the water system for the design-build team's use.



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3. **Question:** What is RIC criteria for the generator such as enclosure and accessories?

Answer: The new pad-mounted diesel generator shall be Kohler, Generac, or Milton CAT. It shall have an integral fuel tank, sound-attenuating enclosure, concrete pad, including all wiring and associated work to make generator, transfer switches and fire pump fully-operable and tested.

4. **Question:** What is RIC criteria for instrumentation such as type, phone line, etc?

Answer: Preference would be for a cable connection to RIC network. To be reviewed during the design.

5. **Question:** What are the accessories to be included in the EFI booster stations?

Answer: Minimum requirements to include duplex sump pumps, flood alarm, intrusion alarm, ladder, lights, transfer switch, control valves, heater, smoke alarm, and metering. Specific requirements to be determined during design.

6. **Question:** What are the water services sizes to the bldgs?

Answer: It shall be assumed that each building has a fire service and a domestic service. The fire service is typically 6-inch or 8-inch diameter. The domestic services are typically 4-inch diameter (although some may be smaller). Fogarty Life Science is an exception to this rule as it has a 6-inch and an 8-inch service

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