



**CITY OF TACOMA**  
**Tacoma Water**

**ADDENDUM NO. 1**

**DATE: 5/3/22**

**REVISIONS TO:**

**Request for Bids Specification No. TW22-0112F**  
**Bonney Lake 950/1010 Booster Pump Station**

**NOTICE TO ALL BIDDERS:**

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

**REVISIONS TO THE SUBMITTAL DEADLINE:**

**The submittal deadline has been changed to 11:00 a.m., Pacific Time, Tuesday, May 17, 2022.**

**REVISIONS TO THE TECHNICAL PROVISIONS:**

**Revision #1**

Revise Division 1, Section 1.81.40 Pressure Ratings, page 1-23, as follows:

Equipment Function	Working Pressure	Test Pressure
Reservoir Inlet and Outlet Pipe and 950 Zone Piping	30 psi	225 psi
Overflow and Drain Discharge Pipe	35 psi	100 psi
Booster Pump Station Discharge Pipe and 1010 Zone Piping	60 psi	225 psi

**Revision #2**

Revise Division 13, Section 13.32.43 Packaged Pumping Systems for Water Utility Service, Part 2 – Products, Components, Entrance Manway with Walk Down Staircase, fourth paragraph, page 13-6, as follows:

An entrance staircase shall be provided which is built to conform to OSHA specifications and be constructed to meet the requirements of WAC 296-24-735 through WAC 296-24-81011 and WAC 296-155-245. The staircase shall be an alternating tread style with the maximum angle of the staircase to the floor shall be 56 degrees. The stairs shall extend to within 2" from top of entrance manway.

A handrail shall be provided on each side of the staircase inside the station chamber. Minimum headroom above each step shall be 84". Staircase shall have a minimum of 36" of free space in front of bottom step and shall not interfere with access to the equipment inside the station.

### **Revision #3**

Revise Division 13, Section 13.32.43 Packaged Pumping Systems for Water Utility Service, Part 2 – Products, Components, Pipe and Fittings, third paragraph, page 13-8, as follows:

All internal transmission piping and fittings shall be of Standard schedule black, seamless steel pipe and will be manufactured in accordance with the dimensional tolerances and material specifications of the AWWA C-200-17 for steel pipe and steel butt-welded fittings.

### **Questions and Answers**

**Question 1: Dakota Pump does not have a Washington state business license. We will not have one at the time of Submittal and do not want to apply for a license to bid a project. If we are the low bidder, we would be happy to look into a license. Is this acceptable?**

Answer 1: Yes.

**Question 2: How much is a City of Tacoma business license? Can a temporary license be issued?**

Answer 2: This project is outside the City limits. A City of Tacoma business license is not required.

**Question 3: Is the prevailing wage requirement applicable for this project if the product is manufactured out of the State of Washington?**

Answer 3: This is not a prevailing wage project.

**Question 4: What is the state tax percentage we need to include with this bid?**

Answer 4: State and local sales tax is a combined 9.4%

**Question 5: What are the local tax percentages we need to include with this bid?**

Answer 5: State and local sales tax is a combined 9.4%

**Question 6: Will progressive payments be allowed for this project?**

Answer 6: Payments are covered in Division 18.

**Question 7: 1.21.55 Is the bid price final? Or will price adjustments be allowed due to the current supply chain issues being experienced?**

Answer 7: The bid price is final.

**Question 8: Because S&B will have all the controls for this project. I am concerned about the requirement for full factory testing. We will factory test the station to the extent possible less the S&B controls. Is this acceptable?**

Answer 8: Reference the specification for factory testing starting on page 13-17.

**Question 9: Is there full access to the project site for an over-sized (length,width, and weight) delivery vehicle?**

Answer 9: The details and logistics of delivery will need to be determined via a coordinated effort between the supplier of the booster station, the delivery company, and the Installation Contractor.

**Question 10: Dakota Pump, or am almost certain, the other bidders for this project are not contractors. We hold no contractor licenses in any state. We are a supplier of a piece of equipment.**

Answer 10: Contractor is defined in 1.01 and includes a supplier entering into a contract with City.

**Question 11: All emergency generator equipment is provided by others. Correct?**

Answer 11: Correct.

**Question 12: What is the anticipated delivery schedule for this booster?**

Answer 12: It will be up to the Installation Contractor when they are ready to receive the booster pump station. We anticipate them to be ready soon after fabrication is complete, but it is unknown at this time.

**Question 13: Are there any spare parts required with this bid?**

Answer 13: The specifications contain the requirements for spare parts.

**Question 14: 1-24 The information is asking for a 250 psi discharge test. The pumps and valves in the specifications are rated for 150 psi. Can you provide clarification?**

Answer 14: The test pressure will be lowered to 225 psi. The pumps are not subject to a pressure test.

**Question 15: If the package manufacture is required to store the station, will Tacoma Water pay for the booster station while being stored at the manufacture's facility?**

Answer 15: Payments are covered in Division 18.

**Question 16: How many references to you require?**

Answer 16: See 1.31.01 and Record of Prior Contracts Form.

**Question 17: Is Devoe an acceptable coating manufacture?**

Answer 17: Proposed coating substitutions would be evaluated during the materials submittal and evaluated against the specified coatings.

**Question 18: The piping will receive a internal fusion bonded epoxy coating of Nap-Guard 7-2500 series fusion bonded epoxy. Is this acceptable?**

Answer 18: Proposed coating substitutions would be evaluated during the materials submittal and evaluated against the specified coatings.

**Question 19: Do you have any specifications for the air release valves?**

Answer 19: A specific air valve is not specified. This and other equipment that is not specifically specified is to be proposed by the Contractor for review and approval by the Owner.

**Question 20: Is there a reason you need air / vacuum valves? I would only recommend air valves.**

Answer 20: In the event of a power failure at the booster pump station, it is possible for a vacuum to be created in the discharge piping. An air/vacuum valve allows air into the pipe to avoid this vacuum.

**Question 21: What size air valves are required?**

Answer 21: Contractor to size the valves based on the pumps being provided.

**Question 22: Do you have a minimum distance between the pump motors and the wall of the chamber? I believe the chamber will need to be 13' wide minimum.**

Answer 22: Chamber shall be sized to accommodate adequate access to each pump, valve, and other appurtenances. The minimum distance between pump motor and the wall shall be 2'-9".

**Question 23: I do not recommend any vibration testing for the four smaller pumps. Can vibration testing for the four smaller pumps be eliminated?**

Answer 23: It is the desire of the Owner to have all pumps vibration tested.

**Question 24: I am not sure after reviewing the spec what assembly arrangement is intended. There is mention of two couplings, but on description of the base. I suspect these are supposed to be closed coupled (pump built on the motor shaft), but would you please confirm?" The chamber size only allows for closed coupled pumps. Not frame mounted.**

Answer 24: The pumps shall be connected per Division 13, starting on page 13-17.

**Question 25: All piping 12" and larger will be standard wall thickness. Is this acceptable?**

Answer 25: This is addressed in the addendum.

**Question 26: Is the equipment in contact with the water to be NSF compliant?**

Answer 26: Yes, per the specifications

**Question 27: Are the butterfly valves to be AWWA listed? The specification is unclear.**

Answer 27: The valves shall be per the specifications.

**Question 28: AWWA does not recognize butterfly valves 2 ½" and smaller. The 2" butterfly valve inside the chamber will be non-AWWA.**

Answer 28: This is acceptable.

**Question 29: All disinfection of the booster would be provided by others after station installation.**

Answer 29: Acknowledged.

**Question 30: The station testing mentions a flow meter. There is no flow meter inside this station so testing the station with a flow meter is not possible.**

Answer 30: The testing referenced is for a field test, where a flow meter will be installed by Others as part of the overall system.

**Question 31: The specification for the entrance hatch calls for a 96" x 38" wide door. The standard Bilco L-50 door is 96" by 30" wide. Is the 30" acceptable? Or do we need to quote a special door?**

Answer 31: The entrance hatch shall match what is shown in the contract documents.

**Question 32: The specifications call for a alternating tread style stair. The specification also calls for 50 degree maximum. This is not possible. The alternating tread stairs are available with 56 or 68 degrees. Which of these would you like?**

Answer 32: This is addressed in the addendum.

**Question 33: Can we provide Lepeyere stairs standard safety yellow coating for the stairs?**

Answer 33: This would be reviewed during submittal review.

**Question 34: Is there a reason for 6" butterfly valves for the isolation of the 1.5" pressure relief valve? Can we use 1.5" ball valves for isolation valves?**

Answer 34: Provide isolation valves as shown in the contract documents.

**Question 35: Does the hose bib need to be mounted on a 6" blind flange? Or can it be mounted to a normal length of header pipe? Normally, a hose bib is mounted on the suction header so not to experience high pressure from the pumps.**

Answer 35: The suction side will not provide adequate pressure. The hose bib may be mounted to a normal length of the discharge header.

**Question 36: Is the chamber buried in a road way or near a road way? If not, does the chamber need to include the H-20 rating as mentioned in the specifications? The hatches are not H-20 rated.**

Answer 36: There is potential for service vehicles to drive over or park on top of the chamber to access the equipment removal hatch to remove equipment for maintenance. The structure shall be H-20 rated. Per the drawings, the hatches will be elevated approximately one foot above the surrounding grade.

**Question 37: 16-2 What class rating is the below grade pump station structure?**

Answer 37: The below grade pump station structure is considered a Damp Location. It is classified as an Indoor Unclassified Location.

**Question 38: All ground rods, ground conductors and ground rod boxes are provided by others. Correct?**

Answer 38: Refer to Note 9 on DWG No. E04.

**Question 39: What type of conduit is required in the below grade chamber?**

Answer 39: See Section 16.71 of the Specifications starting on page 16-55. In general, Galvanized Rigid Steel (GRS) conduit will be used, but there are some instances where EMT and Liquid Tight Flexible conduits are required or allowed based on what the conduit is being used for.

**Question 40: Where do I find specifications for motor disconnects inside the pump station chamber?**

Answer 40: See Section 16.55 of the specifications starting on page 16-49. Please also see the one-line diagram on DWG No. E02 for additional information on disconnect switches.

**Question 41: Where do I find specifications for a load center inside the pump chamber?**

Answer 41: A. See the electrical equipment and instrumentation schedule on DWG No. E07. Please also see Section 16.50 of the specifications starting on page 16-45.

**Question 42: Where do I find specifications for the single phase transformer?**

Answer 42: See the electrical equipment and instrumentation schedule on DWG No. E07. Please also note that this is a three-phase transformer.

**Question 43: What is a clear water level float? Where does it get mounted?**

Answer 43: The clear water level float will be supplied by S&B for installation at the reservoir by the Installation Contractor. Only provision of the float is required as part of the booster pump station supply. Installation will be by others.

**Question 44: What are the working days for the project?**

Answer 44: Per Division 1.32.13, the contract time is 196 calendar days from date of approved submittals.

**Question 45: Is a bid bond required?**

Answer 45: No bid bond is required for this project.

**Question 46: The specs call out the integrator to supply and ship loose the MCC. The drawings show it as the PS manufacturer. Can you clarify?**

Answer 46: Per Division 16.41.1, the Control Systems Integrator will furnish the Motor Control Center. The plans note what equipment is to be provided by the pump station supplier and what is to be provided by the Control Systems Integrator as part of this contract.

NOTE: Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the signature page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. TW22-0112F Addendum No.1. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: Carol Powers, P.E/Tacoma Water