



City of Globe

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CRESTLINE BOOSTER PUMP STATION ADDENDUM No. 1 November 14, 2018

Answers to Bidder's Questions

The following information is the City's answers to questions submitted by bidders.

1. *Is there a required % DBE required?* No.
2. *What is engineer/owner submittal review time?* 10 Days
3. *With regards to the DBE forms-are they required to be submitted with bid, and if so which forms specifically are required?* Not Applicable.
4. *Can on site power be utilized for temporary pumping?* Not Applicable. See answer no. 25
5. *Will temporary pumping system be required to interface with controls/SCADA?* Not Applicable. See answer no. 25
6. *On the Enlarged Plan on Sheet C-001 it appears an additional 12x8-inch tee will be required to tie the existing 8-inch discharge main, please clarify. Yes, an additional 12x8 tee will be required.*
7. *On the Elevation Detail on Sheet M-2 a bottom center fill is shown on the hydropneumatic tank, will an inlet be acceptable for this application?* Yes.
8. *Hydro tank; is there flexibility on the inlet?* Yes.
9. *Can the location of the new booster station within the existing building be modified?* Yes, as long it does not hamper operation, maintenance or repairs.
10. *For design conditions what is the static suction head for the flooded section?* The suction head is provided by the water level in the adjacent storage tanks. The water level will vary between 20-30 feet above the floor of the pump house.
11. *Section A, 2.09 System Construction requires the use of rotating flanges. Are fixed flanges acceptable?* Yes.
12. *Section 2.01, Variable Speed Packaged Pumping System, would a custom prepackaged pump station with off the shelf owner approved and UL listed equipment be acceptable alternative to the booster station packages listed?* This will definitely be considered as long as it provides comparable quality and performance as the specified unit along with warranty for labor and parts
13. *Section G, 1.01 Construction Photographs, would digital photos be acceptable in lieu of negatives, proofs and enlargements?* Yes, acceptable and preferred.

14. *Is the contract time 150 or 120 days?* 150 days after the notice to proceed.
15. *Section 2.b of Part 2 Products of Section 1180 specifies the air compressor to be Ingersoll-Rand Model 2340N5 or approved equal. Could another approved equal air compressor be specified by the owner/engineer i.e. Gardner/Denver?* A comparable model of Gardner/Denver can be used.
16. *Is there an air requirement for the concrete products specified?* Yes. 4%-6%.
17. *Is the asphalt replacement only in disturbed areas where there is existing asphalt?* Yes, replace what is disturbed. Quantity is up to the contractor's means and methods.
18. *In running the electrical conduit in the building, will making conduit runs above rafter bottom cord be allowed or is all conduit to be suspended below rafter bottom cord?* Yes. Conduit can be placed above the bottom rafter chord.
19. *What is the GPM demand?* Per Specifications (p.11000-5) "The pump station shall be supplied as 4 pump units, rated total (with 4 pumps) for a fire flow capacity of 1700 gpm at 50 psi, from a flooded suction inlet. Pump station should also meet a peak flow demand of 210 gpm at 55 psi (1 pump)."
20. *Is the intent for the total design capacity to be 1,910 gpm or 1,700 gpm, and at what discharge pressure?* 1,700 gpm at 50 psi.
21. *Regarding coding specifications; will a third party do inspections?* The City Public Works Department personnel will do inspections.
22. *How long after the contract award will the notice to proceed be issued?* Within 10 working days.
23. *The door schedule notes "provide electric door opener"; is this part of the project?* The door is not to be an electric door.
24. *Can you provide a door hardware list or specification?* This will be clarified in forthcoming addendum no. 2.
25. *What is the maximum shutdown time for the facility?* The existing pump facility will not be used during construction; hence shutdown and temporary pumping will not be necessary. A piping modification will be required so that an existing remote booster pump can provide pressure/flow. The piping modifications will be detailed in forthcoming addendum no. 2.
26. *Will the temporary pumping system need to be sized for fire flow?* See answer no. 25.
27. *Please provide requirements/specifications for temporary pumping-flow rate, head, etc.* See answer no. 25.
28. *The contractor will provide the I/O required for the pump station and the City will provide the programing and integration to tie the new system to the existing control programing with personnel familiar with the existing programing. Is this correct?* This will be clarified in forthcoming addendum no. 2.
29. *Can you provide the vendor part numbers for the alternative packages specified?* This will be clarified in forthcoming addendum no. 2.
30. *Section I.1, Section 2.10 Combination Air Valves requires combination air valve assemblies on the discharge of all new pump units. Is this the intent?* This will be clarified in forthcoming addendum no. 2.
31. *The check valve is on the suction side; will suction be from the same location?* The check valve in the Altitude Valve Vault will be installed as shown on Sheet M-03, Detail A.