

ADDENDUM

Addendum No. 2

Owner: City of Owosso
Project: Water Filtration Plant Valve Replacement Project Bid
Engineer: City of Owosso

NOTICE TO ALL PROSPECTIVE BIDDERS

BIDS DUE: October 07, 2025 at 3pm

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This Addendum is a part of the Contract Documents and modifies the previously issued Bidding Documents. Acknowledge receipt of this Addendum in the space provided on the "*Signature Page and Legal Status*" section of the Bid Proposal. Failure to do so may result in rejection of the Bid.

ITEM NO. 1:

Add "Water Filtration Plant 20" Valve Replacement Bid Questions" to the Contract Documents.

Q&A page attached.

END OF ADDENDUM NO. 2

Owosso Water Filtration Plant 20" Valve Replacement

Pre-bid questions

Due Tues. 9/30/2025

The contract indicates a completion date of April 30, 2026. During the plant visit, the City indicated they intend to replace valves during the winter months. Our preliminary indications for lead time from suppliers is 18-20 weeks, which optimistically has the valves on site in April.

- Will an extension of contract time be issued if this is the case?
- During these months, will there be opportunities during low usage hours to create a work window / shut down for 8 hours?

During the plant visit, we were made aware that the existing butterfly valves are stuck in the open position, and there is significant mineral build-up within the valves and pipe. This will complicate the valve removal and replacement, and lengthen the time needed to do so.

The contract indicates the plant can be shut down for a maximum of 8 hours. It also indicates bypass pumping shall be considered if it is not possible to remove and install the two valves within 8 hours.

- What does bypass pumping look like?
- Would this be accomplished outside of the plant?

Please confirm painting is not required in this contract.

10/1/2025 Response:

- **The contract completion date will be extended as needed.**
- **It is likely that shutdowns are only possible from October through April until improved flow is obtained. Maximum design flow is 2,100 GPM per clarifier. We are currently limited to less than 1,200 GPM.**
- **Significant buildup on valves in the open position may require an adjacent fitting to be removed along with the valve.**
- **Painting is not part of this Bid contract. It will be completed by operators after the project is completed.**
- **There is no possible bypass outside the plant.**
- **The term bypass pumping is correctly said bypass piping.**
- **The proposed bypass piping is described below and it will require an engineered solution and state submittal and permit:**

From the filter influent piping near valve #17 the 20" Vic 90 elbow will be replaced with a 20" Vic tee, a 20" x 12" reducer, a short 12" spool piece, a 12" 90 Vic Elbow, another 12" spool piece, a new isolation valve and a 12" tap into the side of the 20" clarifier effluent piping between the existing CO2 injector and a sample tap. This 12" tap is located upstream of valve #11. Piping will be installed so as not to obstruct the hatch access to the sub-basement. In order for this bypass to work valves #11 and #12 have to be fully operable to isolate the south clarifier. Valve #16 has to be fully operable to isolate the recarbonation tank. There needs to be a change by operators in one active CL2 injection point. There also needs to be another injection point used by operators for the backup CL2 tablet system. Additionally the engineers will need to study the effect on the process with this bypass active for an extended period of time. Engineered confirmation of this proposal in its entirety is required.