



ADDENDUM NO. 2

DATE: September 14, 2022

PROJECT: Benton Washington Regional Public Water Authority
Phase 1A – Water Treatment Plant Improvements – 4MG Elevated Storage Tank
Rogers, Arkansas

NEW BID DATE: **October 06, 2022, at 1:00PM**

This Addendum forms a part of the Contract Documents and modifies the original documents provided to Bidders, as noted below. Acknowledge receipt of this Addendum in the space provided in the BID FORM. Failure to do so may subject the Bidder to disqualification.

Item No. 1. Change Bid Opening Date

- a. Bid Opening Date is hereby changed to: **October 06, 2022 at 1:00PM**

Item No. 2. Specifications

- a. Specification 099000-Painting. Modify Section 3.11 as follows:

DUCTILE IRON PIPE, STAINLESS STEEL PIPE, FITTINGS, VALVES, ETC. ~~(INTERIOR EXPOSURE)~~ **(Interior Exposure, Ground Floor below inlet/outlet expansion joints and Intermediate Floor piping connection to First floor pipe header)**

- b. Specification 331619-Composite Elevated Storage Tank. Modify Section 2.3 as follows:

- A. Support Wall: Support wall shall be reinforced concrete with a minimum thickness of 8 inches exclusive of any architectural relief. Wall thickness shall be provided such that the average compressive stress due to the weight of the structure and stored water is limited to 25% of specified compressive strength, but not greater than ~~1000~~ **1250** psi. A minimum total wall reinforcement of 0.15% vertically and 0.20% horizontally shall be distributed approximately equally to each face. A minimum of 0.75% vertical reinforcement shall be provided in the top 6 feet of the wall extending into the concrete ring beam. Minimum concrete cover for interior / exterior faces shall be 1 inch and 1-1/2 inches respectively.
- B. Tank Floor: Tank floor shall be a reinforced concrete dome not less than 8 inches thick. The average compressive stress due to the weight of the structure and stored water shall not exceed 13% of the specified compressive strength, nor greater than ~~600~~ **750** psi. Minimum total reinforcement in orthogonal directions shall be 0.40% distributed approximately equally to each face. Additional reinforcement shall be provided for stress caused by edge restraint effects.

END OF ITEMS

All other provisions of the Contract Documents remain unchanged. Acknowledge receipt of this addendum on the Bid Form. Bids must be received at Benton Washington Regional Public Water Authority office, 15531 Woods Lodge Road, Rogers, AR 72756 by 1:00 PM on October 06, 2022.



9/14/22

Matt Dunn, PE (Crist Engineers, Inc.)

Date