Jacobs

ADDENDUM NO. 2
TO THE CONTRACT DOCUMENTS

Date: January 31, 2025
Project No.: D3698100
SRF Project No. FS010239-02

for the construction of

PAUL B. KREBS WATER TREATMENT PLANT IMPROVEMENTS PROJECT

ANNISTON WATER WORKS & SEWER BOARD
CITY OF ANNISTON, ALABAMA

To All Planholders and/or Prospective Bidders:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of Paul B. Krebs Water Treatment Plant Improvements Project dated October 2024 as fully and completely as if the same were fully set forth therein:

A. **PART 1—PROCUREMENT REQUIREMENTS**

1. N/A

B. **PART 2—CONTRACTING REQUIREMENTS**

1. N/A

C. **PART 3—SPECIFICATIONS**

1. See revisions to Section 33 05 01.01 Welded Steel Pipe and Fittings

   ADDED Section 2.06 Grooved End Joints and Couplings

   1) Grooved Couplings may be used in lieu of flange joints, on pipes sized ¾” to 144”. Manufactured in two segments of cast ductile iron, conforming to ASTM A-536. Gaskets shall be pressure-responsive synthetic rubber, grade to suit the intended service, conforming to ASTM D-2000. Mechanical coupling bolts shall be zinc plated (ASTM B-633). All couplings, fittings, and grooving tools shall be from the same manufacturer.

      a) Couplings
         2" & larger

Grooved End: Rigid joint malleable iron, ASTM A47/A47M or ductile iron, ASTM A536.

2) The design of the couplings, pipe wall thickness, etc. shall be the responsibility of the coupling manufacturer and calculation and drawings signed/sealed by a a licensed professional engineer in the State of the Work will be required.

3) Minimum required pressure rating: 250 psi

4) Coupling design shall ensure a fully restrained system with no allowance for pipe movement.

5) Manufactured by: Victaulic or ASC Engineered Solutions; Gruvlok.

2. See revision to Section 40 27 00 Process Piping – Supplement 1

a. Piping Schedule: GR (Grooved) Joint Type was added to the approved Joint Types for EXP (exposed), WS (welded steel) for FW (finished water).

3. See revision to Section 07 21 00 Thermal Insulation

a. Replace paragraph 3.03 in its entirety with the following:

3.03 CAVITY WALL OPENING SPRAY FOAM INSULATION

A. Install in accordance with the following:

1. Fill masonry wall openings in above-grade wall penetrations as shown.

2. Clean out opening of all loose debris, grout, and mortar.

3. Fill cavity with two-component SPF in ratio and at rate recommended by manufacturer.

4. Opening shall be completely full when fully expanded and cured.

D. **PART 5—DRAWINGS (BOUND SEPARATELY)**

1. N/A

E. **CLARIFICATIONS:**

The following are issued as clarifications of the Contract Documents for the construction of Paul B. Krebs Water Treatment Plant Improvements Project dated October 2024. Clarifications do not change the language of the Contract Documents but instead clarify the language therein:

Questions and Related Answers:

1. In relationship to the specification Section 44 42 56.03, do the vertical turbine pumps need to be NSF compliant or certified?

   Answer**:** Reference paragraph 2.01.M from Section 01 61 00 Common Product Requirements and paragraph 2.01.B from Section 44 42 56.03 Vertical Turbine Pumps. The intent of these specifications is to achieve NSF compliancy through proper certification.

2. Please confirm if there is a fire alarm on this project, there is not a Division 28 specification section. Also confirm that there is not an existing fire alarm that will need to be connected to. If it does, please advise on existing system and provide spec section.

   Answer: A new fire alarm or connection to an existing fire alarm as defined per code is not required as part of this project. Reference the Building Code Data table under Fire Protection on sheet 35-A-200.

3. Is this project a tax-exempt project?

   Answer: This is a tax-exempt project; taxes should not be accounted for in the bids. Reference paragraph 24 SALES AND USE TAXES from Section 00 21 13 Instructions to Bidders and paragraph SC-7.09 from Section 00 73 00 Supplementary Conditions.

4. The current contract documents do not provide a specification for Victaulic couplings for use on the exposed steel piping on the project. Are Victaulic couplings allowed to be used on the exposed steel piping in lieu of flanges?

   Answer: Yes, Victaulic coupling will be allowed to be used on this project. Rigid grooved couplings will be acceptable in locations identified as flanged joints in the current Contract Drawings. Grooved end joints are not approved for valves or fittings. The use of additional grooved end joints/couplings in locations not currently identified as flanged joints should be submitted for review and approval. Reference Part 3 Items 1 and 2 of this addendum for additional clarification.

5. The specifications call for spray foam insulation on the face of the brick veneer and block cavity walls, but the drawings show rigid foam board. Please advise which is correct.

   Answer: The cavity walls are to be insulated with the foam board insulation. The spray foam insulation is for pipe penetrations and other opening not insulated with the foam board insulation. Reference Part 3 Item 3 of this addendum for additional clarification.

6. Should the “spray foam” shown at the exterior wall penetrations be done by the piping installer. Reference detail 0741-010 on page 47 of 145.

   Answer: The piping installer could be responsible for performing this work or another sub-contractor. The spray foam should used shall be per paragraph 2.04 CAVITY WALL SPRAY FOAM INSULATION SYSTEM in specification Section 07 21 00 Thermal Insulation.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 2 in the Bid Form or by submitting the Addendum with the bid package. Bid Forms submitted without acknowledgment or without this Addendum will be considered in nonconformance.

Jacobs

Dustin T. Harris

Digitally signed by Dustin T. Harris
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Dustin T. Harris, P.E.
Project Manager

END OF ADDENDUM