

**ADDENDUM NO. 1  
To the FINAL BID DOCUMENTS**

**for**

**Jordan Valley Water Treatment Plant,  
Air Scour Pipe Replacement**

April 17, 2019

*PREPARED FOR*

**Jordan Valley Water Conservancy District**  
8215 S 1300 W  
West Jordan, UT 84088

JVWCD Project NO. 4070



*PREPARED BY*

Brown and Caldwell  
6975 Union Park Center, Suite 490  
Salt Lake City, Utah 84047

BC PROJECT NO. 151483

This Addendum No. 1, including attachments, modifies the Final Bid Documents for Jordan Valley Water Conservancy District's **Jordan Valley Water Treatment Plant Air Scour Pipe Replacement Project**, and shall become part of the Contract Documents for this Project.

Bidders shall acknowledge receipt of Addenda by number in the space provided for that purpose in Bidding Documents, "Bid," page C-1.

I. CONTRACT DOCUMENTS: CONTRACT/TECHNICAL SPECIFICATIONS

A. Volume I, "Notice Inviting Bids", page A-1

- i. Replace paragraph "Receipt of Bids" in its entirety with the following:  
"Sealed bids will be received at the office of the Jordan Valley Water Conservancy District, Owner of the Work, located at 8215 South 1300 West, West Jordan, Utah 84088, until **4:00 pm, on Tuesday May 7, 2019**, for construction of the JWTP Air Scour Pipe Replacement project.

B. Volume II, Section 01 35 41 Hazardous Materials

- i. Replace paragraph 1.03 Lead Paint Removal and Disposal in its entirety with the following:  
"A. Lead based paint exists on site. Contractor shall be responsible for safe handling of all products containing lead-based paint, whether shown on the drawings or not.  
B. Piping in the Chemical Building, East Filters, and East Filter Gallery contains lead-based paint or a lead-based paint primer/undercoat.  
C. Contractor shall test for lead-based paint on piping in the Blower Room, East Filters and Gallery, and West Filters and Gallery. The West Filters and Gallery are assumed to be lead-free and piping shall be disposed of offsite in accordance with State and Federal Regulations. All piping containing lead-based paint shall be handled and disposed of offsite in accordance with State and Federal Regulations.

C. Volume II, Section 40 05 64 Butterfly Valves

- i. Replace paragraph 2.02A in its entirety with the following:  
"A. Manufacturers: One of the following:  
1. DeZurik BHP  
2. Neles-Jamesbury 815W  
3. Tyco-Keystone K-LOK Figure 360  
4. Or equal: substitutions as approved by Owner

II. CONTRACT DOCUMENTS: DRAWINGS

A. Sheet GM-001 Filter Gallery Overview and General Notes:

- i. Add the following text as General Note 10 "Contractor shall dispose of all existing air scour pipe, valves, and associated appurtenances offsite in accordance with State and Federal Regulations unless otherwise specified in the Contract Documents."  
ii. Add the following text as General Note 11 "Protect the existing tile flooring in Level 2 during demolition and replacement of the air wash piping, valves, and other work; use means and methods that do not harm the existing finish."

This Addendum, including attachments, shall become part of the Contract and all provisions of the Contract shall apply thereto.

The time provided for completion of the Contract is not changed.

Bidders shall acknowledge receipt of all Addenda by number in the space(s) provided in the Proposal Documents.

Brown and Caldwell

A handwritten signature in blue ink, appearing to read 'Jeremy Williams', is positioned below the company name.

Jeremy Williams, P.E.  
PE NO. 4940719

## CLAIFICATIONS/RESPONSES TO QUESTIONS

The following are questions and answers from the Pre-Bid meeting held on Thursday April 11, 2019. This is not a complete list of all questions asked, and Bidders are advised to check the contract documents.

1. Q: Who is responsible for the visual inspection of the welds? Will it be paid for by the client?
  - a. Visual inspection of the welds, per Section 01 45 23, is the responsibility of the contractor at the contractor's expense.
2. Q: Is owner's preference grooved end valves or flanged end?
  - a. Owner prefers wafer style valves as specified in Section 40 05 64 and as clarified per this Addendum 1.
3. Q: Are the valve bodies stainless?
  - a. Yes. Refer to Section 40 05 64 and 40 05 65.
4. Q: Are the pipe hangers to be reused?
  - a. Yes, with modifications as required made by Contractor. Refer to:
    - i. Drawing GM-001 General Note 7
    - ii. Drawing 2M-102 General Note 2
    - iii. Section 40 05 01 PIPING SYSTEMS
    - iv. Section 40 05 07 HANGERS AND SUPPORTS FOR PROCESS PIPING.
5. Q: Is the pipe passivation a completely dipped process?
  - a. Pipe passivation shall be per Section 40 05 23. Note that field welding is not allowed.
6. Q: Is hot work allowed in the filter gallery for demolition?
  - a. Hot work is allowed to remove existing air scour pipe. Contractor shall protect existing utilities from hot work debris and will be responsible to repair any damage caused. Refer to drawings:
    - i. 2M-101 Key Note 3
    - ii. 2M-102 Key Note 3
    - iii. 2M-301 General Note 1; Key Note 3
    - iv. 2M-302 General Note 1
    - v. 3M-101 Key Note 2
    - vi. 3M-301 Key Note 2
7. Q: Are the expansion joints flanged?
  - a. Yes. Refer to drawings:
    - i. 2M-101 General Note 1
    - ii. 2M-102 General Note 1
    - iii. 2M-501 Key Note 4
    - iv. 3M-101 Key Note 5
    - v. 3M-501 Key Note 4
8. Q. Can the existing valve actuator model numbers be provided for actuators that will be removed and reinstalled?
  - a. East Filter Gallery Air Scour actuators: Limitorque L120
  - b. East Filters Air Relief actuator: Limitorque LY 1001
9. Q. Are all the Victaulic couplings stainless steel or can they be cast iron?

- a. Victaulic couplings shall be stainless steel as specified unless noted otherwise. Coat couplings as specified. Refer to:
    - i. 2M-301 Key Note 5; Key Note 11
    - ii. 3M-301 Key Note 7
    - iii. Section 40 05 23 STAINLESS STEEL PROCESS PIPE AND TUBING
- 10. Q. Is a rolled groove on a schedule 10 pipe allowed?
  - a. No rolled groove of piping is allowed. See Pipe Schedule on drawing G-001 for required wall thickness and groove method.
- 11. Q. How much weight is allowed on level 2?
  - a. JWCD Record Drawings, which have not been verified by Brown and Caldwell, indicate a design live load of 100 psf. Note that the surface is finished with tile and Contractor is responsible to distribute load as necessary to protect the existing finish.
- 12. Q. Can the 2-ton crane in the West Filter Gallery be used during construction?
  - a. Owner is not responsible to provide construction equipment as specified in Paragraph 6.01.D of the GENERAL CONDITIONS. Use of the crane is acceptable under the condition that the Contractor assumes all risk, responsibility and liability associated with its use.
- 13. Q. Will the contractor be given money prior to December 1, 2019 to procure materials?
  - a. The Contractor may submit for payment up to 95% of the value of delivered materials on-site. Refer to GENERAL CONDITIONS Article 14.03 paragraph H and "Payment Application and Certificate," page K-1, Line 7 in the Contract Documents.
- 14. Q. Where does the main piping scope begin?
  - a. At the blower discharge flange. Refer to drawing 3M-501
- 15. Q. Can certain structures be moved to access air scour piping?
  - a. Some non-permanent structures may be moved at Owner's discretion. Contractor shall coordinate with Owner for approval to move structures.
- 16. Q. Is the Contractor required to provide the silencer?
  - a. No. Refer to drawing 3M-301
- 17. Q. Do all the piping segments need to be fabricated prior to demolition of the existing piping?
  - a. Yes, refer to Section 01 12 16, "All new piping shall be onsite or in transit within the United States before demolition begins."
- 18. Q. Can flanged joints be used rather than grooved?
  - a. Yes. Refer to Pipe Schedule on drawing G-001
- 19. Q. Is the contractor required to remove and replace the door to the room with the discharge silencer?
  - a. Yes. Refer to drawing 3M-101 Key Note 4
- 20. Q. What is required for the floor penetrations on the anti-siphon loop?
  - a. Contractor shall remove and replace pipe using existing pipe hangers. Refer to Drawing GM-001 General Note 7, "Install new piping using existing pipe hangers and supports. Provide 1/4" thick, 60 durometer EPDM liner to isolate new pipe from hanger."
- 21. Q. Can the piping be passivated at the fabricator or does it need to be onsite?

- a. Piping shall be passivated at the fabricator. Refer to Section 40 05 23 STAINLESS STEEL PIPE AND TUBING.
- 22. Q. Will a value engineering option (lining the pipe vs. replacing) be considered?
  - a. No. Refer to the Contract Documents.
- 23. Q. What building access points are available to bring in the piping and equipment?
  - a. Refer to drawing GC-001 General Note 2, and Key Note 2. Access may limit pipe lengths, and the contractor is required to field verify all existing conditions as part of the shop drawing submittal process.
- 24. Q. How does the allowance for the asbestos removal work?
  - a. Refer to Section 01 21 00. The allowance is only for unforeseen conditions for work not identified in the contract documents.
- 25. Q. What schedule is the existing steel pipe?
  - a. JWCD record drawings indicate existing pipe is AWWA C200 and/or Schedule 10 Steel (epoxy coated and may be unlined or cement-mortar lined) but this has not been verified. Details and features of the pipe may vary. Contractor should verify all existing conditions that may impact the work.

ATTACHED PAGES, SECTIONS, DETAILS, AND DRAWINGS

Jordan Valley Water Treatment Plant  
 Air Scour Pipe Replacement  
 Pre - Bid Meeting  
 April 11, 2019

Last	First	Phone	Email	Entity
TRIGLO	LAWRENCE	801 298 9556	UTBIP@COPCONSTRUCTION.COM	COP CONSTRUCTION
Thorne	Justin	801-231-7774	justin.thorne@bgi.email	Brohima
ALLAN	JUSTIN	801-8491-8898	BID@wedgatah.com	VANCON
Velazquez	Rebecca	801.573.8142	rvelasquez@skyline.us	Skyline Electric
SPENCER	DAVE	801-608-8078	DAVE@ALLPIPEWORKS.COM	ALL-PIPE WORKS
Hancock	Steve	801.520-2201	steve@allpipeworks.com	ALL PIPE WORKS
BERD	LEE	801 487-5401 EXT 107	lreed@nelsonbros.com	LEE NELSON BROS CONST
CANNE	KENNY	801-330-6509	<del>REMOVED</del> KENNEDY@JWC.O.ORG	JWC



Jordan Valley Water Treatment Plant  
 Air Scour Pipe Replacement  
 Pre - Bid Meeting  
 April 11, 2019

Last	First	Phone	Email	Entity
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