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## **PRE-BID MEETING (MANDATORY): 16 MAY 2024**

### **OXBOW ROAD (F 3/10 RD TO F 1/2 RD) WATERLINE REPLACEMENT PROJECT: D02-24**

#### Project Description:

- Approximately 1000 LF of 6-inch C900 PVC pipe with domestic DI fittings as indicated on the Contract Documents (Bid Item 6).
- Removal of the existing pipe is required (Bid Item 2). The District excavated and removed a section of existing AC pipe from this area and is of the opinion that the AC is non-friable, which indicates that it is landfillable, following specific EPA and landfill disposal and packaging requirements.

“It is the policy of Mesa County Solid Waste Management (MCSW) that all asbestos disposals are properly packaged, sealed, and labeled appropriately with the required caution or danger statement. All asbestos-containing material must be double wrapped in 6 mil poly. All asbestos deliveries shall be labeled in type at least .50 inches tall.”

- Trench excavation and backfill (Bid Item 3a) is Class I and Class II as shown on the drawings and described in the specifications and bid schedule. Class I excavation/backfill removes native material from site. Class E pit run import should be placed and compacted in trench zone.
- Bid Item 4 – Engineering-Directed Material shall be used only as directed by Engineer for various purposes; generally, to address/improve unsuitable subgrade and provide foundation stabilization. The District is not performing this work even though unit prices are given in the bid schedule; rather, these are the prices the District will pay for base, pit run and rock when stabilization is needed. Reimbursement rates have been raised to reflect recent changes in market value and are reasonable to the District.
- Bid Items 5a-c are surface restoration. 5a and 5b are full depth and mill & overlay, respectively, where the pipe is under the existing road surface. 5c uses Class C and is for concrete driveways, sidewalks, curb, gutter, v-pans, etc.
- Bid Item 7 includes water service connection to the new water main. Pipe service saddle should include brass top with stainless bands. Since temporary service connections are planned at meters for this project, the new services can be connected to the new main as it is placed and covered. Service from main will be restored following passing tests. Service lines will be burped at service meters. Service connections shall be disinfected. Surface

restoration related to service connections is included in Bid Item 7 as indicated in the Schedule of Values.

- Bid Item 8 includes 2 new fire hydrant assemblies. Assembly includes trench excavation, backfill, concrete blocks and thrust blocks, surface restoration and hydrant assembly. This line item does not include the reconnection of the hydrant at Sta 47+80 (included in Bid Item 5). The original Schedule of Values showed 4 new hydrants. Addendum 1 will correct this error.
  - Original SOV shows Lower Valley FH. **City of Grand Junction fire hydrants** are required.
- The District has included an adder for flaggers on the bid schedule to address traffic control (Bid Item 9).
- The District provided the results of subsurface investigation of existing utilities along the proposed alignment which are shown on the P&P sheets. Additional Engineer-directed potholing is provided in Bid Item 10.
- During the potholing investigation there was no obvious indication of groundwater within our excavation. All equipment, labor and materials required by the Contractor to manage/mitigate groundwater during all phases of construction shall be considered incidental to the work. Any necessary discharge permitting is the responsibility of the contractor to obtain and maintain.
- The contractor shall bid every item on the Schedule of Values.
- The Contractor is responsible for construction sequence, methods and connections. Ute Water will establish temporary water service connections for the project area. Contractor must coordinate work with District staff to minimize construction time, number of shutdowns and disruption to customers.

#### Project Milestones:

- Bid Date: 23 May 2024 at 2 p.m.
- Notice of Award within 10 days.
- Notice to Proceed issued once Contract, Insurance & Payment Bonds are received and upon coordinating the construction schedule.
- Substantial Completion: within 45 calendar days of date of Notice to Proceed and no later than 2 August 2024.
- Final Completion: Within two (2) weeks of date of Substantial Completion and no later than 16 August 2024.

#### Construction Staking:

- Owner may provide construction staking as needed (e.g. fittings, grade-critical locations and other areas as necessary). The District can stake the limits of asphalt removal upon request from the Contractor.
- Contractor must provide necessary QC Surveying to assure construction within tolerances described in the Contract Documents.

#### Easements:

- All work is within Mesa County ROW.

#### Access Roads & Staging Area:

- Staging areas and access are the responsibility of the Contractor.
- Access to business and residences must be maintained at all times.

#### Project Water:

- Ute Water will have project water available at no charge to the Contractor for loading the mainline, soil moisture-conditioning, dust control, and road maintenance as necessary using one of the existing appurtenances on our water system adjacent to the work area as approved by the District.
- The contractor must provide labor and equipment necessary to use the water. Water truck must have an approved backflow prevention device.
- Water for flushing the main will be available. We assume connecting both ends with necessary means of loading and evacuating air; flush both direction to opposite side of fire hydrant.

#### Project Permits:

- Owner will obtain the necessary Mesa County ROW Utility permits. Please submit traffic control plan ASAP.
- Road closures to through traffic must be coordinated with Mesa County.

#### Subsurface Conditions:

- Existing Utilities depicted based on best available information from subsurface investigation. Testhole (TH) information is quality level A & B. Storm Sewer data are quality level B based on engineering judgement and survey, not geophysical or pothole methods. Other utilities depicted are quality level C & D – not fully investigated due to proximity of the proposed construction.

#### QA/QC:

- The Contractor shall chlorinate the main line and appurtenance as necessary to obtain a minimum chlorine residual in accordance with the Contract Documents.
- Owner will provide bacteriological laboratory sampling of the water from the main after flushing as necessary. If the presence of a bacterial indicator exists, additional chlorination or flushing could be required at no expense to the Owner.
- After successful bacteriological testing, the Contractor shall perform a field hydrostatic pressure test of the system for 4 hours within the allowable leakage described in the Contract Documents at the low point.
- Owner will hire a qualified materials testing firm to provide laboratory and field testing of backfill material including soils, asphalt, etc.

#### As-Built Documents:

- Owner will not require record drawings from the Contractor. The Contractor shall coordinate with Owner throughout the work to ensure that staff can record as-built survey data in accordance with CI/ASCE 38 and the Colorado 811 Law.

#### Submittals:

- Owner will review submittals and provide comments in a timely manner.

#### Addendum Items:

- Addendum No. 1 will be published Tuesday, 21 May 2024.

- Questions are due in writing by 5 p.m. Monday, 20 May 2024.
- Items so far: Adjust SOV to correct fire hydrant type (Bid Item 8); question/answer from bidders and suppliers; FCC Drawings Rev 1 (5/21/2024) to correct details.

Utility Owners:

- Gas – Xcel
- Electric – Xcel
- Sewer – City of Grand Junction
- Phone
- Cable
- Irrigation – Palisade Irrigation District

Question/Answer:

1. Asphalt companies are busy, and scheduling is into August at time of pre-bid meeting. How will this affect the project schedule?
  - a. The District will consider a schedule extension for asphalt scheduling on an as-needed basis. This shall not delay any other work, substantial completion date or other punch list items required for final acceptance.