

Pre-Bid Meeting (mandatory) July 13, 2023
F ½ Road Parkway – Phase 1 (Market St to 24.5 Rd)

- Approx 1,590 LF of 8-inch DR18 C900; 400 LF of 12-inch DR18 C900; 150 LF of 10-inch DR18 C900 and domestic di fittings as indicated on the Contract Documents (Bid Item 4).
- Most of the trench excavation and backfill is Class II as shown and described on dwgs and specifications and in bid schedule (addendum). For the future roads (8-in & 10-in), Class II trench excavation and backfill will include Type A, B or C in pipe and embedment zone with haunching and backfill of trench zone to final grade (no surfacing) with suitable native excavated material (moisture-conditioned and compacted to 95%). Excavated unsuitable native material shall be removed offsite. Native material that is too wet to meet compaction requirements may require import material, but this is not reimbursed by Bid Item 3. Trench excavation and backfill of the 12-inch waterline installation in 24 ½ Road will be Class I as shown and described on dwgs and specifications and in bid schedule. Class E pit run import should be placed/compacted in trench zone. Select aggregate base course compacted 6-inch thick is the temporary surfacing.
- Bid Item 3 – Engineering-Directed Material to be used only as directed by Engineer for various purposes, but generally to address/improve unsuitable subgrade and provide foundation stabilization. The District is not performing this work even though the unit prices have been filled into the bid schedule; rather, this is the unit price the District will pay for base, pit run, and rock. These unit prices are above the average observed from previous bids. It's acceptable to the District and more than reasonable for the Contractor. We have tried leaving this bid item out and negotiate pricing which hasn't always worked well; we have tried making the qty small so the extended price has little effect on the total bid amount, but that isn't cost effective for the District either.
- There will be one new water service & assembly at Sta.10+25 note 428 on drawings and Bid Item 5. The District will furnish a water service pit, yoke, cone and lid for Contractor installation. The meter will be moved once QA is complete. Surface restoration related to Bid Item 5 should be included there, as indicated in the Schedule of Values.
- Three (3) new fire hydrant assemblies are proposed. Shown as Bid Item 6 and include: trench excavation, backfill, concrete blocks and thrust blocks, surface restoration, and hydrant assembly. Contractor to coordinate proper hydrant height based on as-constructed pipeline depth and final grade at hydrant.
- There are two waterline extensions or stubs that may be constructed at Sta. 5+03 and Sta.10+60 shown on the drawings. They are intended for future development presented to the District for review; however, the status is uncertain. Therefore, there will be a bid item option for these two installations; please confirm installation of these two items at pre-con prior to construction.

- Reiberlok joint restraints as needed and directed (Bid item 7).
- The District has included an adder for flaggers on the bid schedule to address traffic control (Bid Item 8) for 24.5 Rd if the City doesn't grant a road closure.
- The District coordinated with the City of Grand Junction on the design of the water facilities. Additional Engineer-directed potholing is provided in Bid Item 9.
- Based on historical work within this area, groundwater has been observed at depths generally greater than our normal trench excavation. However, in 24 ½ Road where the City plans to lower the final grade, the waterline is planned to be deeper to avoid utilities. Groundwater could certainly be observed in the trench. All equipment, labor and materials required by the contractor to manage/mitigate groundwater conditions 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.
- Ahead of the project, the District will install temporary water service to five customers adjacent to 24.5 Rd to allow construction of the proposed 12-inch. As a result, this will allow abandonment of the ex 1 ½ inch in F.5 (west) and two ex water services east of 24.5 (considered incidental to the project; see Sheet 11). There are two additional water services to be abandoned along 24.5 Rd according to the contract documents; the District will consider adding a line item for payment in the Schedule of Values.
- The Contractor should bid every item on the schedule of values.

Project Milestones:

- Bid Date: July 20, 2023 at 2pm
- Notice-of-Award within 10 days, Notice-to-Proceed once Contract, Insurance, Performance & Payment Bonds rec'd
- Final Completion: September 30, 2023

Construction Staking

- Owner will provide construction staking as needed; ie fittings, grade critical locations, and other areas as necessary. The District can stake the limits of asphalt removal in 24.5 (8-inch segment)
- Contractor must provide necessary QC Surveying to assure construction within tolerances described in the Contract Documents.

Easements

- N/A all of the Project is within the City ROWs

Access Roads & Staging Area

- Staging Areas will be the Contractor's responsibility.

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. The water truck must have an approved backflow prevention device.
- Water for flushing the main will be available. We would assume connect both ends with necessary means of loading & evacuating air; flush both directions to an opposite side fire hydrant and the blow offs.

Project Permits

- Contractor will obtain the necessary City ROW Utility permits; please submit copy of approved permit and TCP to Ute.

Subsurface Conditions

- Existing utilities depicted based on best information available from subsurface investigation; test hole (TH) information is quality level A & B; SS and Storm are quality level B based on engineering judgement not geophysical or pothole methods; other utilities depicted are quality level C & D – not fully investigated due to proximity of proposed construction.

Traffic Control

- Tim Patty (GJ City) – Will work with you with regard to traffic handling. Account for 5 working days of Lighted Message Boards if a road closure is allowed.

QA/QC

- The Contractor shall chlorinate the main line and appurtenances 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 at multiple locations 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, concrete, asphalt, and etc.

Submittals

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

Addendum Items

- Addendum No.1, will be Tuesday July 18th.
- Questions due by 5 pm Monday July 17th.
- Items so far: Modify Item 5 to describe new meter assembly installation and connection; Class II trench (not Class IV); may consider adding 5 additional days to TC Flagger Adder if no road closure is granted. The dwgs may change Note 400 to reflect Class I trench and excavation. Add bid item option for two potential future water line stubs for development. Add bid item to reimburse work to abandon two existing water services as described on drawings (Sheet 11).

Other

- Owner will not require record drawings from the Contractor.

Utility Owners

- Gas – Xcel Energy/GVP
- Electric – Xcel Energy/GVP
- Sewer – City of GJ
- Phone – Century Link
- Cable – Charter
- Irrigation –

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