

Pre-Bid Meeting (non-mandatory) August 29, 2022
23 Road (H to I)
8-inch Waterline Replacement Project Description:

- Approx 5,481 LF of 8-inch DR18 C900 and domestic di fittings as indicated on the Contract Documents (Bid Item 5).
- Two (2) Service main reconnections: H Road on the south (8") and I Road on the north (2"). Two (2) 8-inch stub-outs at I Road north and east. Connections and stub-outs require blowoff assemblies and/or mechanical disinfection (swabbing) as necessary. The connection at H is considered incidental, and the connection at I Road is under Bid Item 8.
- All of the trench excavation and backfill is Class 1 as shown on dwgs and described specifications and in bid schedule. Excavated native material removed offsite. Class E pit run import should be placed/compacted in trench zone. All pipe zone material for this project will be Class B or C. Select aggregate base course compacted 12-inch thick under asphalt and 6-inch thick on shoulder (Bid Item 2a).
- 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. **Unit cost and total will be added to Addendum.**
- Bid items 4a & 4b are for asphalt surface restoration, full depth and mill & overlay, respectively for the proposed water main installation. **Full depth is for 2' width and a tee-top of 3' to get out of the wheel track, so full depth mill should only be approximately 1' at edge of oil. Lastly, there is 5,300 feet of Class C shoulder restoration (Bid Item 4c; currently SOV has a quantity of 0, will be addressed in Addendum). All other surface restoration is included separately under the appropriate bid item.**
- Water services will be connected to the main (Bid Item 6). The District has a note regarding the appropriate pipe service saddle (brass top with stainless bands). **Surface restoration related to Bid Item 6 should be included there, as indicated in the Schedule of Values.**
- Five (5) new fire hydrant assemblies are proposed. Those are shown as Bid Item 7 and include: trench excavation, backfill, concrete blocks and thrust blocks,

surface restoration, hydrant assy. Contractor to coordinate proper hydrant height based on as-constructed pipeline depth and final grade @ hydrant.

- 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 a subsurface investigation of existing utilities along our 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 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.
- The Contractor should bid every item on the schedule of values.

Project Milestones:

- Bid Date: September 1, 2022 at 2pm
- Notice-of-Award within 10 days, Notice-to-Proceed once Contract, Insurance, Performance & Payment Bonds rec'd
- Substantial Completion: October 14, 2022
- Final Completion: October 28, 2022 (Paving is the critical item, final completion could be adjusted accordingly)

Construction Staking

- Owner may provide construction staking as needed; ie fittings, grade critical locations, and other areas as necessary. The District can stake the limits of asphalt removal.
- 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 MC 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

- Owner will obtain the necessary MC ROW Utility permits. **Please submit your traffic control plan ASAP.**

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

- Lori Seeley (MC)

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 Wednesday the 31st.
- Questions due by 5 pm Tuesday.

Other

- Owner will not require record drawings from the Contractor.

Utility Owners

- Gas – Xcel Energy/GVP

- Electric – Xcel Energy/GVP
- Sewer – NA
- Phone – Century Link
- Cable – Charter
- Irrigation –

DRAFT