

Pre-Bid Meeting (non-mandatory) June 11, 2020  
Loma Linda Subdivision (Kathy Jo/El Torro)  
8-inch Waterline Replacement Project Description:

- Approx 4,238 LF of 8-inch DR18 C900 and domestic di fittings as indicated on the Contract Documents.
- 8 Service main reconnections: Jacque, Alice, Garfield Dr, Garfield Ct, Frances, Radan, Stella, and Garfield @ El Torro as shown on dwgs and bid item 8. Blowoff assemblies and mechanical disinfection (swabbing) as necessary to disinfect. Surface restoration requirements for this work included in these bid items.
- Water services will be connected to these mains (Bid Item 6a-6b). The District has a note regarding the appropriate pipe service saddle (brass top with stainless bands). Earthwork (excavation & backfill) and surface restoration related to Bid Item 6 should be included there, as indicated in the Schedule of Values.
- In addition, there is one new meter service installation as described in bid item 7 which includes: service saddle, corp stop, copper, owner-provided meter pit, yoke, cone & lid in-place. Includes trench excavation, backfill, and all surface restoration in kind.
- 4 new fire hydrant assemblies & 4 fire hydrant reconnections are proposed. Those are shown as Bid Item 9 & 10 includes: trench excavation, backfill, concrete blocks and thrust blocks and surface restoration in addition to the fire hydrant assembly.
- The majority of trench excavation and backfill is Class 1 as shown on drawings 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-2b).
- Bid item 4a & 4b is for asphalt surface restoration; full depth and mill and overlay, respectively for the proposed water main installation. There are sections of Class D concrete restoration where the proposed water main installation crosses drainage v-pan. Other surface restoration (hydrants, services, mains, etc) is included separately under the appropriate bid item.
- 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.
- Per bid item 11, there is 1,415 LF of AC pipe, including appurtenances, removal and disposal.

- The District excavated and removed a section of existing AC pipe from this area for laboratory analysis in an effort to differentiate the handling and disposal requirements. The District will make the lab results available from our website where other Contract Documents can be downloaded after you are a planholder. From this effort, the District has developed the opinion that the AC is non-friable, which indicates 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."*

- The District provided the results of a significant subsurface investigation of existing utilities along our proposed alignment which are shown on the relevant P&P sheets.
- During the potholing investigation, no indications of groundwater within our exploration was observed. 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.
- Notes on Sheet 3 describe the District's opinion of construction sequence which is generally described as constructing mainline along Kathy Jo from east to west; connecting to Garfield with necessary valving to facilitate performing successful QA/QC; re-connecting existing mains and services; abandonment of existing facilities; site restoration and etc.
- The District will install temporary service lines to facilitate removal and replacement of AC pipe along Kathy Jo as indicated in the drawings prior to the end of June.
- The District discussed the traffic control requirements with the County. A rolling closure in the construction area (i.e. closed to thru traffic with detour signage) will be acceptable on Kathy Joe and El Torro.
- The Contractor should bid every item on the schedule of values.
- The District has updated the technical specifications within our Standard Specifications for Waterline Construction. There are 12 spec sections within Division 1 and Division 2 that are required for use this project. The three main material providers have reviewed Section 02667 Water Distribution System and have returned some very valuable comments.
  - <https://www.utewater.org/specifications>

#### Project Milestones:

- Bid Date: June 18, 2020 at 2pm
- Notice-of-Award within 10 days, Notice-to-Proceed once Contract, Insurance, Performance & Payment Bonds rec'd

- Anticipated Construction is early July after temporary service is installed.
- Substantial Completion: August 31, 2020
- Final Completion: September 14, 2020

#### 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:  
Fill in the unit prices for Bid Item 3 Engineering Directed Material.  
Change Substantial & Final Completion Dates, September 30 & October 15  
respectively  
Bid item for potholing hours

#### Other

- Owner will not require record drawings from the Contractor.

#### Contractor Questions

- After a discussion encouraging the Contractor to investigate the location of the existing 8-inch main stubbed across 29 Rd so that the connection can occur as designed without unnecessary fittings, one Contractor asked the District to consider adding a line item for potholing.  
✓ The District will consider adding a line item to the schedule of values to reimburse for their potholing efforts.

#### Utility Owners

- Gas – Xcel Energy
- Electric – Xcel Energy
- Sewer –
- Phone – Century Link
- Cable – Charter
- Irrigation –