

**Distribution System Water Main
Rehabilitation Program
CIP CWA1801**

**December 15, 2020
Engineering Department**

C I T Y O F S U G A R L A N D

Texas

Background

- Annual Rehab Program (Design in one year, construction in Next)
- Projects recommended through the City Asset Management Program
 - Risk base modelling tool
- Design completed September 2020
 - Approx. 20,900 L.F. of 4,6,8 and 12 inch water main in Sugar Creek Subdivision (Rehab)

Project Scope

- Replacement of approximately 20,900 linear feet of 4", 6", 8" and 12" water mains within Sugar Creek subdivision
- Pavement repairs as needed
- Sidewalk and driveway repairs as needed
- Bid package:
 - Base Bid- approx. 20,000 linear feet of water main
 - Add Alternate - approx. 1,200 linear feet of 8" water main behind Sugar Creek shopping Center

Contractor Selection

Rank	Bidders	Base Bid	Add-alternate	Total Bid Price
1	Reliance Construction	\$1,733,371.52	\$89,682.83	\$1,823,054.35
2	Resicom	\$2,137,366.71	\$97,064.14	\$2,234,430.85
3	D.L. Elliott	\$2,242,445.21	\$101,497.14	\$2,343,942.35
-	Lopez Utilities	N/R	N/R	N/R
-	Statewide	N/R	N/R	N/R

- Bid advertised on October 7 and October 14, 2020
- Five (5) bids received on November 12, 2020
- Two (2) bids deemed non-responsive

Contractor Selection

- **Reliance Construction Service, L.P.**
 - **Located in Houston**
 - **Successfully completed projects for Sugar Land:**
 - **CIP WA1402 Water Main Rehabilitation Project in Spring 2017**
 - **CIP WW1504 Force Main Replacement at Lift Station Nos.13, 23, and 25 in Fall 2016**

Project Funding

Available Funds	\$ 2,128,278.00
Construction Contract	\$1,823,054.35
Contingency (5%)	\$ 91,152.72
Constr. Administration	\$ 20,000.00
Remaining Funds	\$ 194,070.93

Project Schedule

- **Notice to Proceed:** **January 2021**
- **Substantial Completion:** **260 Calendar Days**
- **Anticipated Completion:** **October 2021**

Project Impact and Notification

- **Policy No. CO-110**
- **Temporary water service interruptions 1- 3 hours**
- **Temporary driveway access restrictions**
- **Notification Plan**
 - **48-hr notification for water service interruptions**
 - **Door hangers**
 - **One-on-one communication (as needed)**
 - **Mail outs (as needed)**

REQUEST FOR APPROVAL

Authorize the execution of a construction contract with Reliance Construction Service, L.P, for the Distribution System Water Main Rehabilitation Project, CIP: CWA1801 in the amount of \$1,823,054.35

CLARIFYING QUESTIONS FOR STAFF

COUNCIL MOTION & DISCUSSION