



## Water & Wastewater Commission Review and Recommendation

|   |  |                          |                        |
|---|--|--------------------------|------------------------|
| Commission Meeting Date:  | October 14, 2020   | COA Strategic Direction: | Health and Environment |
| Council Meeting Date:   | October 29, 2020   |                          |                        |
| Department:   | Capital Contracting  |                          |                        |
| Client:   | Kevin Koeller, Shay Roalson, Michael Deas  |                          |                        |
| Agenda Item   |  |                          |                        |
| Recommend approval to execute change order No. 14 in an amount not to exceed \$825,157.76 to the construction contract with SJ Louis Construction of Texas, Ltd., for the Parmer Lane Interceptor project, plus an additional contingency in the amount of \$300,000, for a total contract amount not to exceed \$28,549,489.76. (District 6) |  |                          |                        |
| Amount and Source of Funding  |  |                          |                        |
| Funding is available in the Fiscal Year 2020-2021 Capital Budget of Austin Water.   |  |                          |                        |
| Purchasing Language:  | Original contract was awarded through a competitive Invitation for Bid solicitation process.   |                          |                        |
| Prior Council Action:   | December 1, 2016 – Council approved a construction contract with SJ Louis Construction of Texas, LTD., for the Parmer Lane Interceptor project.  |                          |                        |
| Boards and Commission Action:   | October 14, 2020 — To be reviewed by the Water and Wastewater Commission.  |                          |                        |
| MBE/WBE:  | This change order will be executed in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 5.33% MBE and 1.44% WBE. |                          |                        |

The Parmer Lane Interceptor project involves the installation of over two miles of 42-inch diameter wastewater pipeline along Parmer Lane between Anderson Mill and McNeil Roads to better protect the public health and the environment and reduce operating expenses by removing aged and underperforming wastewater facilities.

Once installed, wastewater will flow by gravity to the Walnut Creek wastewater treatment plant, enabling the decommissioning of the Lake Creek and Rattan Creek lift stations which will increase reliability and lower operation and maintenance requirements.

Prior change orders have been required due to in-situ conditions differing from predicted conditions, which resulted in substantially slower than expected tunneling and excavation progress. The prior change orders were within the 10 percent contingency amount previously approved by Council.

Increased wastewater flows due to population growth, a more conservative modeling approach, and an optimized tie-in design have increased the quantity and duration of bypass pumping required to connect the new wastewater main and decommission existing lift stations. Change order No. 14 allows for the successful integration of the Parmer Lane Interceptor into the existing wastewater system, as well as capturing additional costs associated with a culvert installation, COVID-19 delays, and an auxiliary sanitary sewer line. Beyond change order No. 14, additional contingency is needed to address potential changes related to sub-surface excavation, lead remediation, and lift station decommissioning and will allow for the expeditious processing of any additional change orders.

The construction is occurring entirely within City property and Austin Water permanent and temporary easements. This project has minimal impact to the public.

If Council does not approve this item, the Parmer Lane Interceptor will be unable to be placed in operation.

The contract allows 1,410 calendar days for completion of this project. This project is located within zip codes 78729 and 78727 (District 6).

SJ Louis Construction of Texas, Ltd. is located in Mansfield, Texas.

**M/WBE Summary**

Participation goals stated in the original approved compliance plan were 1.06% African American; 2.96% Hispanic; 0.29% Native/Asian; and 0.81% WBE. The participation for Change Order #14 in an amount of \$825,157.76:

|   |               |        |
|---|---------------|--------|
| NON M/WBE TOTAL – PRIME                                       | \$ 649,032.76 | 78.66% |
| SJ Louis Construction Of Texas, Ltd., Mansfield, TX           | \$ 649,032.76 | 78.66% |
| MBE TOTAL – SUBCONTRACTORS                                    | \$ 0          | 0%     |
| WBE TOTAL – SUBCONTRACTORS                                    | \$ 0          | 0%     |
| NON M/WBE TOTAL – SUBCONTRACTORS                              | \$ 176,125.00 | 21.34% |
| Superior Pump Solution, LLC, San Antonio, TX (Bypass Pumping) | \$ 176,125.00 | 21.34% |

**Overall participation based on contract expenditures as of October 1, 2020 (not including this change order):**

**PRIME:**

91.22% Non M/WBE

**SUBCONTRACTORS:**

1.07% African American; 3.77% Hispanic; 0.49% Native/Asian; 1.44% WBE; and 2.01% Non M/WBE

**TOTAL:**

1.07% African American; 3.77% Hispanic; 0.49% Native/Asian; 1.44% WBE; and 93.23% Non M/WBE

**AUTHORIZATION HISTORY**

| AMOUNT          | DATE                                | DESCRIPTION   |
|-----------------|-------------------------------------|---|
| \$24,878,484.00 | 12/01/16                            | (Council) – Construction contract for the Parmer Lane Interceptor Project |
| \$2,487,848.00  | 12/01/16                            | (Council) – 10% Contingency   |
| \$58,000.00     | 12/01/16                            | (Administrative Authority)  |
| \$1,125,157.76  | 10/29/20                            | Proposed (Council) – Change Order #13 for Bypass Pumping Operation        |
| \$28,549,489.76 | <i>Total Contract Authorization</i> |   |

**CONTRACT HISTORY**

| AMOUNT           | DATE                          | DESCRIPTION (CO%/CUMULATIVE CO%)  |
|------------------|-------------------------------|---|
| \$ 24,878,484.00 | 12/22/16                      | Construction contract for the Parmer Lane Interceptor Project                 |
| \$0.00           | 04/11/17                      | CO #1 – Time Extension due to accelerated NTP (0.00%/0.00%)                   |
| \$21,081.42      | 07/31/17                      | CO #2 – Utility Connection Costs in Excess of Allowance (0.08%/0.08%)         |
| \$295,416.90     | 10/18/17                      | CO #3 – Upper Walnut Creek Differing Site Condition (1.19%/1.27%)             |
| \$200,300.25     | 11/30/17                      | CO #4 – North Walnut Creek Shaft Differing Site Condition (0.81%/2.08%)       |
| \$117,021.23     | 12/14/17                      | CO #5 – North Walnut Creek Tail Tunnel Differing Site Condition (0.47%/2.55%) |
| \$142,837.39     | 05/29/18                      | CO #6 – Rattan Shaft Differing Site Condition (0.57%/3.12%)                   |
| (\$50,718.77)    | 06/19/19                      | CO #7 – Credit for Rattan Rd not being Constructed (-0.20%/1.92%)             |
| \$74,072.10      | 12/10/19                      | CO #8 – Additional Electrical Utility Relocation (0.30%/3.22%)                |
| \$1,025,000.00   | 02/05/20                      | CO #9 – Settlement for Tunnel Differing Site Condition (4.12%/7.34%)          |
| \$102,600.00     | 06/03/20                      | CO #10 – Pipe Grout Port Installation (0.41%/7.75%)                           |
| \$225,000.00     | 07/09/20                      | CO #11 – Shaft Water Inflow Mitigation and Pumping (0.90%/8.65%)              |
| (\$5,110.00)     | 08/03/20                      | CO #12 – Tunnel Water Inflow Mitigation and Allowance Deletion (-0.02%/8.63%) |
| \$825,157.76     | Proposed                      | Council – CO #13 – <i>Bypass Pumping Operation</i>                            |
| \$27,851,142.28  | <i>Total Contract History</i> |   |

Parmer Lane Interceptor  
Council District 6

