



# Staff Report

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| Construction Contract for I-20 Sanitary Sewer Rehabilitation,<br>Project No. WUWS17021 |  |
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|---------------------------------------|---------------------------------------|
| City Council Meeting Date: 03-29-2022 | Action Being Considered: Minute Order |
|---------------------------------------|---------------------------------------|

## RECOMMENDATION

Authorize the City Manager or his designee to execute a construction contract with Insituform Technologies, LLC., of Chesterfield, Missouri, for I-20 Sanitary Sewer Rehabilitation in the amount not to exceed \$1,044,308.50. Insituform Technologies, LLC, is not an MWBE firm.

## PRIOR BOARD OR COUNCIL ACTION

On May 22, 2018, City Council approved Minute Order No. 05222018-010 authorizing the execution of an engineering services contract with HDR Engineering, Inc., of Dallas, Texas, for the design of the 2017 Large Diameter Sanitary Sewer Main Replacement, in an amount not to exceed \$337,395.

On May 5, 2020, City Council approved Minute Order No. 05052020-005 authorizing the execution of Contract Modification No. 2 to the engineering services contract with HDR Engineering, Inc., of Dallas, Texas, for the design of the 2017 Large Diameter Sanitary Sewer Main Replacement, in an amount not to exceed \$95,772.

On June 8, 2021, City Council approved Minute Order No. 06082021-010 authorizing the execution of Contract Modification No. 3 to the engineering services contract with HDR Engineering, Inc., of Dallas, Texas, for the design of the 2017 Large Diameter Sanitary Sewer Main Replacement, in the amount not to exceed \$63,670, for a total revised contract amount of \$504,464. The remaining contract funds of \$34,661 were reallocated for this modification along with new funds of \$29,009 to fund this modification.

## ANALYSIS

Arlington Water Utilities (AWU) is responsible for the operation and maintenance of more than 1,200 miles of sanitary sewer mains. Optimal performance of the sanitary sewer system is essential to public health.

AWU previously identified the existing 24-inch Rush Creek Sanitary Sewer crossing under Interstate 20 in the Large Diameter Sanitary Sewer Main Condition Assessment Program as a candidate for replacement. The inspection revealed that approximately 600 linear feet of severely corroded 24-inch ductile iron pipe requires replacement. This project consists of rehabilitating approximately 600 linear feet of 24-inch sanitary sewer main using cured-in-place pipe (CIPP) lining technology and relocating approximately 240 linear feet of 12-inch PVC sanitary sewer main away from Kee Branch, which eliminates a creek crossing that may undermine the pipeline in the future. These improvements will extend the life of the public facilities, reduce maintenance costs, and improve service.

|   |                       |
|---|-----------------------|
| Bid Opened:                             | 2:00 p.m., 02-15-2022 |
| Vendors notified through Ionwave:       | 1729                  |
| MWBE Vendors notified through Ionwave:  | 397                   |
| Vendors responding to bid request:      | 1                     |
| MWBE Vendors responding to bid request: | 0                     |
| Number of Bids from Arlington Firms:    | 0                     |

Bidder Prequalification: No  
 Engineer's Estimate: \$760,000  
 Range of Bids: \$1,044,308.50  
 Low Bid: \$1,044,308.50  
 Recommended Low Bidder: Insituform Technologies, LLC. of Chesterfield, Missouri  
 Contract Scope: Rehabilitation of 600 linear feet of 24-inch sanitary sewer main using CIPP, and 240 linear feet of 12-inch sanitary sewer pipe  
 Proposed Start Date: May 2022  
 Proposed End Date: September 2022  
 Contract Time: 120 calendar days  
 MWBE: No  
 Procurement Method: Lowest Responsive, Responsible Bid

| VENDOR                       | MWBE | TOTAL          |
|------------------------------|------|----------------|
| Insituform Technologies, LLC | N    | \$1,044,308.50 |

|  |                                       |
|--|---------------------------------------|
| Name of Prime Vendor                                 | Insituform Technologies, LLC          |
| Total Contract Value                                 | \$1,044,308.50                        |
| Prime Vendor's M/WBE Status                          | None                                  |
| Dollar Amount of Prime Vendor's Self-Performance     | \$467,157.32                          |
| Percentage Amount of Prime Vendor's Self-Performance | 44.75%                                |
| Name of Subcontractor (1)                            | Briones Consulting & Engineering, LLC |
| Subcontractor's M/WBE Status                         | HI                                    |
| Dollar Amount Subcontract                            | \$15,000                              |
| Percentage Amount of Subcontract                     | 1.43%                                 |
| Name of Subcontractor (2)                            | C. Green Scaping, LP                  |
| Subcontractor's M/WBE Status                         | HI                                    |
| Dollar Amount Subcontract                            | \$2,500                               |
| Percentage Amount of Subcontract                     | 0.24%                                 |
| Name of Subcontractor (3)                            | Willco Underground, LLC               |
| Subcontractor's M/WBE Status                         | None                                  |
| Dollar Amount Subcontract                            | \$348,800                             |
| Percentage Amount of Subcontract                     | 33.40%                                |
| Name of Subcontractor (4)                            | Sunbelt Pump & Power                  |
| Subcontractor's M/WBE Status                         | None                                  |
| Dollar Amount Subcontract                            | \$172,547.34                          |
| Percentage Amount of Subcontract                     | 16.52%                                |
| Name of Subcontractor (5)                            | Aims Companies                        |
| Subcontractor's M/WBE Status                         | None                                  |
| Dollar Amount Subcontract                            | \$25,485                              |
| Percentage Amount of Subcontract                     | 2.44%                                 |
| Name of Subcontractor (6)                            | Site Barricades                       |
| Subcontractor's M/WBE Status                         | None                                  |
| Dollar Amount Subcontract                            | \$4,831.64                            |
| Percentage Amount of Subcontract                     | 0.46%                                 |
| Name of Subcontractor (7)                            | TX SWPPP Services                     |
| Subcontractor's M/WBE Status                         | None                                  |
| Dollar Amount Subcontract                            | \$7,987.20                            |
| Percentage Amount of Subcontract                     | 0.76%                                 |
| Total M/WBE Participation                            | \$17,500 (1.67%)                      |

A contract specific MWBE utilization goal of 26% was calculated for this project. Insituform Technologies, LLC., has submitted an MWBE Utilization Plan with 1.67% MWBE utilization. Office of Business Diversity (OBD) determined that the vendor has met the OBD's requirement with supporting Good Faith Effort documentation.

FINANCIAL IMPACT

Funding Sources:

Sanitary Sewer Renewal Fund    CC668501-PJWUWS17021-SC0724    \$1,044,308.50

| <u>FY 2022</u> | <u>FY 2023</u> | <u>FY 2024</u> |
|----------------|----------------|----------------|
| \$1,044,308.50 | \$0            | \$0            |

There is no maintenance cost associated with this project during the referenced time period because the contract provides for a two-year maintenance bond.

ADDITIONAL INFORMATION

|   |              |
|---|--------------|
| Attached:                                 | Bid Tab      |
|   | Location Map |
| Under separate cover:                     | None         |
| Available in the City Secretary's Office: | None         |
| Form 1295:                                | Yes          |
| MWBE:                                     | No           |

STAFF CONTACT(S)

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