



## STAFF REPORT

**DATE:** November 2, 2021

**TO:** Kent Cagle, City Manager

**FROM:** Jeffrey Reynolds, Executive Director of Public Works

**SUBJECT:** Authorize the Award of a Construction Contract to Insituform Technologies, LLC to Construct the Sewer Line Rehabilitation Phase 5 Project

### **BACKGROUND AND FINDINGS:**

In November 2011, the City of Killeen voluntarily entered a ten-year Sanitary Sewer Overflow (SSO) Initiative Agreement with the Texas Commission on Environmental Quality (TCEQ). The agreement with the TCEQ requires the City to follow an SSO Initiative Action Plan in which the City's entire sanitary sewer collection system is evaluated and defects are rehabilitated over a 10-year period. The action plan includes five (5) phases of Sanitary Sewer Evaluation Survey (SSES) in which 595 miles of sewer main and 8,142 manholes are evaluated. In Phases 1-4 of the SSO Initiative Action Plan, 1,410 manholes and 44,742-feet of sewer main were rehabilitated. Phase 5 of the SSO Initiative Action Plan, which will complete the City's SSOI Agreement with the TCEQ, consists of the rehabilitation of 28 manholes and 607-feet of sewer main.

City staff petitioned Insituform Technologies and Vortex Lining Systems for a BuyBoard proposal to rehabilitate twenty-eight (28) manholes on a large sewer line that extends between Featherline Road and East Trimmier Road. Both companies are approved by the State of Texas BuyBoard for the geopolymer manhole coating technique required for the extreme corrosion in these manholes. On September 10, 2021 these companies submitted the following BuyBoard proposals:

COMPANY	PROPOSAL
Insituform Technologies	\$229,450.00
Vortex Lining Systems	\$236,114.38

The success of the City's ten-year SSO Initiative Action Plan has been outstanding with a reduction in sanitary sewer overflows from seventy-eight (78) in 2011 to eight (8) in 2020. It has also cost \$8 million less than the original \$19.7 million estimate.

### **THE ALTERNATIVES CONSIDERED:**

- (1) Delay the construction of this project; this may result in a catastrophic failure of a large sewer main.
- (2) Reject both proposals and use a different procurement process for this project.
- (3) Authorize the award of a construction contract to Insituform Technologies in the amount of \$229,450 through Buyboard Cooperative Contract #635-21.

**Which alternative is recommended? Why?**

Alternative three (3) is recommended because:

- (1) Insituform Technologies has extensive experience with the rehabilitation of manholes, especially using geopolymer coating.
- (2) Insituform Technologies has done very good work in the construction of four (4) other City sewer line rehabilitation projects.

**CONFORMITY TO CITY POLICY:**

Purchases made through a cooperative contract are exempt from the competitive bidding process as stated in Texas Local Government Code (TLGC) section 271.102, subchapter F; a local government that purchases goods or services under this subchapter satisfies any state law requiring the local government to seek competitive bids for the purchase of the goods or services.

**FINANCIAL IMPACT:****What is the amount of the expenditure in the current fiscal year? For future years?**

Funds are allocated in the FY22 budget in the amount of \$229,450.

**Is this a one-time or recurring expenditure?**

One-time

**Is this expenditure budgeted?**

Yes, funds are available in Water & Sewer CIP Fund, account 387-8934-493.69-03.

**If not, where will the money come from?**

N/A

**Is there a sufficient amount in the budgeted line-item for this expenditure?**

Yes

**RECOMMENDATION:**

Authorize the City Manager or designee to enter into a construction contract with Insituform Technologies, LLC, through Buyboard Cooperative Contract #635-21, for the construction of the Sewer Line Rehabilitation Phase 5 Project in the amount of \$229,450, and that the City Manager, or designee, is expressly authorized to execute any and all change orders within the amounts set by State and Local law.

**DEPARTMENTAL CLEARANCES:**

Public Works  
Finance

Legal

**ATTACHED SUPPORTING DOCUMENTS:**

Proposal

Certificate of Interested Parties