



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
John Burk, P.E., Division Manager, Science and Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Kari Prussen, P.E., Project Manager, and Samol Hefley, Finance/Purchasing
SUBJECT: 2019 Stormwater CIPP Sewer Rehabilitation Project in Various Tacoma
Locations, Request for Bids Specification No. ES19-0463F
– February 4, 2020
DATE: January 17, 2020

RECOMMENDATION SUMMARY:

The Environmental Services Department recommends a contract be awarded to Insituform Technologies, LLC, Chesterfield, MO, in the amount of \$1,976,365.00, plus a 10 percent contingency, for a cumulative total of \$2,174,001.50, budgeted from the ES Surface Water Fund 4301, for the rehabilitation of 4.6 miles of underground stormwater pipes in various locations throughout the city.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Assure outstanding stewardship of the natural and built environment.

A reduced risk of stormwater flooding represents an improvement to human health and environment. For this construction work, the City is able to utilize cured-in-place pipe (CIPP) trenchless technology to rehabilitate these existing stormwater pipes without undertaking the more expensive and disruptive impact of traditional open-cut construction.

BACKGROUND:

Rehabilitation of these pipes will reduce the risk of future failures. Pipe failures can result in increased flooding of right-of-way or private property. This work will rehabilitate approximately 24,000 linear feet of 8-inch to 30-inch diameter underground pipe utilizing CIPP trenchless technology. Preventative maintenance by way of the lining of these underground pipes in these project areas represents the lowest life cycle cost solution to maintaining these assets.

ISSUE: The underground stormwater pipes in these various locations are reaching the end of their design life and are at risk of failure.

ALTERNATIVES: One alternative is taking no action and accepting the risk of continued pipe failures, which can result in stormwater flooding. An alternative construction method, traditional open-cut trenching, would result in higher costs and a more significant impact to the neighborhoods during construction.

COMPETITIVE SOLICITATION: Request for Bids Specification No. ES19-0463F was opened January 7, 2020. Two companies were invited to bid in addition to normal advertising of the project. Two submittals were received. Insituform Technologies, LLC submitted a bid that resulted in the lowest evaluated submittal after consideration of Small Business Enterprise (SBE) participation goals.



The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal Amount</u>	<u>Evaluated Submittal</u>
Insituform Technologies, LLC	Springfield, MO	\$1,976,365.00	\$1,877,546.75
Michels Corporation	Salem, OR	\$2,139,802.25	\$2,139,802.25

Pre-bid Estimate: \$2,652,424.00

The recommended award is 25.5 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract

SUSTAINABILITY: Replacement of these pipes will reduce the risk of failure, thereby reducing the potential for stormwater flooding, resulting in a positive environmental impact.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the SBE Regulation requirements per memorandum dated January 8, 2020. The SBE goal for this project is 5 percent. The SBE participation level of the recommended contractor is 9 percent. Insituform Technologies, LLC submitted the lowest evaluated bid per the SBE Regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 15 percent.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4301 ES Surface Water Fund	ENV-03031-17-04	5330100	\$2,174,001.50
TOTAL			Up to \$2,174,001.50

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4301 ES Surface Water Fund	521900	Rate Revenues	\$2,174,001.50
TOTAL			\$2,174,001.50

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$2,174,001.50

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

FINANCE PURCHASING
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