



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
COPY: Geoffrey M. Smyth, P.E., Division Manager, Science & Engineering
City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Kari Prussen, P.E., Project Manager, and Samol Hefley, Finance/Purchasing
SUBJECT: 2018B Wastewater and Stormwater Sewer Rehabilitation CIPP Project, Request for Bids
Specification ES18-0121F – October 2, 2018
DATE: September 12, 2018

M.P.S.

RECOMMENDATION SUMMARY:

The Environmental Services Department recommends a contract be awarded to Insituform Technologies, LLC, Chesterfield, MO, in the amount of \$2,116,435.00, plus a 15 percent contingency, for a cumulative total of \$2,433,900.25, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300 and ES Surface Water Fund 4301, for the rehabilitation of approximately 6.5 miles of underground wastewater and stormwater pipes in various locations.

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 wastewater sewer overflows and stormwater flooding represents an improvement to human health and the environment. For this construction work the City is able to utilize cured-in-place pipe (CIPP) trenchless technology to rehabilitate these existing wastewater and 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 overflow of untreated wastewater into the Puget Sound or increased flooding of right-of-way or private property. This work will rehabilitate approximately 34,449 linear feet of 8-inch to 30-inch diameter underground pipe utilizing CIPP trenchless technology. Preventative maintenance of these underground pipes in these project areas represents the lowest life cycle cost solution to maintaining these assets.

ISSUE: The underground wastewater and 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 untreated wastewater overflowing in the Puget Sound or 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. ES18-0121F was opened September 11, 2018. 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> <i>(excluding applicable sales tax)</i>	<u>Evaluated Submittal</u> <i>(excluding applicable sales tax)</i>
Insituform Technologies, LLC	Chesterfield, MO	\$2,116,435.00	\$2,001,113.25
Michels Corporation	Salem, OR	\$2,477,674.00	\$2,344,290.30

Pre-bid Estimate: \$2,674,523.50, excluding applicable sales tax
The recommended award is approximately 20.8 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 discharge of untreated wastewater into the Puget Sound or stormwater flooding, resulting in positive environmental impacts.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the SBE regulation requirements per memorandum dated September 11, 2018. The SBE goal for this project is 3 percent. The SBE participation level of the recommended contractor is 4.75 percent. Insituform Technologies, LLC submitted the lowest evaluated bid per the SBE regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 1,236 hours.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	ENV-04022-23	5330100	\$1,342,199.50
4301 ES Surface Water Fund	ENV-03029-19	5330100	\$1,091,700.75
TOTAL			\$2,433,900.25

*Excluding Applicable Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	523900	Rate Revenues	\$1,342,199.50
4301 ES Surface Water Fund	521900	Rate Revenues	\$1,091,700.75
TOTAL			\$2,433,900.25

*Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$430,000.00, excluding applicable sales tax.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes.

FINANCE PURCHASING
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