City of Tacoma

Contract and Award Letter
Resolution No.
Exhibit A

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 Wastewater CIPP Sewer Rehabilitation Project in Various Tacoma Locations, Request for Bids Specification No. ES19-0194F – 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 $987,630.50, plus a ten percent contingency, for a cumulative total of $1,086,393.55, plus applicable taxes, budgeted from the ES Wastewater Fund 4300, for the rehabilitation of approximately 4.8 miles of underground wastewater 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 wastewater overflows 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 wastewater 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 private property. This work will rehabilitate approximately 25,300 linear feet of 8-inch to 18-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 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 private property. 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. ES19-0194F was opened December 17, 2019. 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.

Respondent	Location *(city and state)*	Submittal Amount	Evaluated Submittal
Insituform Technologies, LLC	**Chesterfield, MO**	**$987,630.50**	**$938,248.98**
Michels Corporation	Salem, OR	$1,247,236.50	$1,247,236.50

Pre-bid Estimate: $1,500,000 - $1,700,000
The recommended award is approximately 38 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, resulting in a positive environmental impact.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the SBE Regulation requirements per memorandum dated December 20, 2019. The SBE goal for this project is 7 percent. The SBE participation level of the recommended contractor is 8.1 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
4300 ES Wastewater Fund	ENV-04023-10-04	5330100	$1,086,393.55
TOTAL			**Up to $1,086,393.55**

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	523400	Rate Revenues	$1,086,393.55
TOTAL			**$1,086,393.55**

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: $1,086,393.55, plus applicable taxes.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes