City of Tacoma

Resolution No.: _____

Meeting Date: _____

Contract and Award Letter
Purchase Resolution —Exhibit "A"

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TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Olivia Mathison, Senior Associate Civil Engineer, Science and Engineering
COPY: City Council, City Manager, City Clerk, EIC Coordinator, LEAP Coordinator, and Dawn DeJarlais, Finance/Purchasing
SUBJECT: 2022 Stormwater and Wastewater Ultraviolet Cured-In-Place Pipe Sewer Rehabilitation Project in Various Tacoma Locations
Request for Bids (RFB) Specification No. ES23-0015F, Contract No. CW2258276 – June 20, 2023, City Council
DATE: May 22, 2023

RECOMMENDATION SUMMARY:
The Environmental Services (ES) Department recommends a contract be awarded to Insituform Technologies, LLC., Chesterfield, MO, in the amount of $2,065,697, plus applicable taxes, plus a 10 percent contingency, budgeted from the ES Wastewater Fund 4300 and the ES Stormwater Fund 4301, for a projected contract amount of $2,272,266.70, plus applicable taxes, for rehabilitation of approximately 1.4 miles of underground sewer pipes in various areas.

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 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 7,274 linear feet of 8-inch to 48-inch diameter underground pipe utilizing ultraviolet 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 private property and 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. ES23-0015F was opened May 2, 2023. 109 companies were invited to bid in addition to normal advertising of the project. Three submittals were received.

Insituform Technologies, LLC., submitted a bid that resulted in the lowest evaluated submittal after consideration of EIC participation goals. The table below reflects the amount of the base award.

Respondent	Location	Submittal Amount
Insituform Technologies, LLC.	**Chesterfield, MO**	**$2,065,697**
Allied Trenchless	Wenatchee, WA	$2,267,185
Michels Trenchless, Inc.	Brownsville, WI	$3,117,596

Pre-bid Estimate: $1,655,498 (not including sales tax)
The recommended award is approximately 25 percent above 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 and stormwater flooding, resulting in a positive environmental impact.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: The recommended contractor is in compliance with the EIC requirements per memorandum dated May 15, 2023. The EIC requirements for this project are one percent for Minority Business Enterprise (MBE), one percent for Women's Business Enterprise (WBE), and two percent for Small Business Enterprise (SBE). The EIC utilization levels of the recommended contractor, Insituform Technologies, LLC are 5.7 percent for MBE, 5.7 percent for WBE, and 5.7 percent for SBE.

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP) COMPLIANCE: The LEAP requirements for this project are 15 percent of the project labor hours must be worked by Local Employees and an additional 15 percent of the labor hours must be worked by Apprentices, per TMC 1.90.040.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Wastewater Fund 4300	ENV-04024-14-04	5330100	$806,976.50
ES Stormwater Fund 4301	ENV-03032-14-04	5330100	$1,465,290.20
TOTAL			**Up to $2,272,266.70**

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Wastewater Fund 4300	524700	6310010	$806,976.50
ES Stormwater Fund 4301	529700	6310010	$1,465,290.20
TOTAL			**Up to $2,272,266.70**

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: $2,272,266.70, PLUS APPLICABLE TAXES.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED. N/A