




**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,  
Jordan Ennis, P.E., Project Manager, and Samol Hefley, Finance/Purchasing  
**SUBJECT:** Wastewater & Stormwater Large Diameter CIPP Sewer Rehabilitation Project –  
South Tacoma Way & Buckley Gulch, Request for Bids Specification  
No. ES19-0038F – June 18, 2019  
**DATE:** May 30, 2019

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**RECOMMENDATION SUMMARY:**

The Environmental Services Department recommends a contract be awarded to Allied Trenchless, Chelan, WA, in the amount of \$2,996,770.00, plus a 15 percent contingency, for a cumulative total of \$3,446,285.50, plus applicable taxes, budgeted from the ES Wastewater Fund 4300 and ES Surface Water Fund 4301, for the rehabilitation of approximately 3,650 linear feet of 42-inch and 48-inch diameter wastewater and stormwater pipe located on South Tacoma Way and in Buckley Gulch.

**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 3,650 linear feet of 42-inch to 48-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. The wastewater pipe is located on South Tacoma Way between South J Street and South C Street. The stormwater pipe is located in Buckley Gulch between North 21<sup>st</sup> Street and North 24<sup>th</sup> Street.

**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. ES19-0038F was opened on April 9, 2019. Three companies were invited to bid in addition to normal advertising of the project. Three submittals were received. Allied Trenchless submitted a bid that resulted in the lowest evaluated submittal. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u>	<u>Evaluated Submittal</u>
<b>Allied Trenchless</b>	<b>Chelan, WA</b>	<b>\$ 2,996,770.00</b>	<b>\$ 2,996,770.00</b>
Insituform Technologies, LLC	Chesterfield, MO	\$ 3,289,140.00	\$ 3,289,140.00
Michels Corporation	Salem, OR	\$ 3,753,322.00	\$ 3,753,322.00

Pre-bid Estimate: \$3,182,943.33, excluding sales tax  
The recommended award is 5.8 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 Small Business Enterprise (SBE) Regulation requirements per memorandum dated May 9, 2019. The SBE goal for this project is seven percent. The SBE participation level of the recommended contractor is 7.5 percent. Allied Trenchless, Chelan, WA submitted the lowest evaluated bid per the SBE regulation requirements. The Local Employment and Apprenticeship Training Program goal is 15 percent of the total labor hours worked.



**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	ENV-04022-19-04	5330100	\$ 2,564,643.75
4301 ES Surface Water Fund	ENV-03031-11-04	5330100	\$ 881,641.75
<b>TOTAL</b>			<b>\$ 3,446,285.50</b>

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	523900	Rate Revenues	\$ 2,564,643.75
4301 ES Surface Water Fund	521900	Rate Revenues	\$ 881,641.75
<b>TOTAL</b>			<b>\$ 3,446,285.50</b>

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$3,446,285.50, plus applicable tax

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes