



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Geoffrey M. Smyth, P.E., Division Manager, Science & Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Christa Lee, P.E., Project Manager, and Samol Hefley, Finance/Purchasing
SUBJECT: Wastewater Side Sewer Lateral Rehabilitation CIPP Pilot Project, Request for Bids
Specification No. ES18-0004F – October 2, 2018
DATE: September 12, 2018

RECOMMENDATION SUMMARY:

The Environmental Services Department recommends a contract be awarded to Iron Horse, LLC, Fairview, OR, in the amount of \$477,123.00, plus 10 percent contingency, for a cumulative total of \$524,835.30, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300, for the rehabilitation of side sewer connections at two locations in Tacoma.

STRATEGIC POLICY PRIORITY:

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

This project will help protect the environment through repairing underground side sewer connection points to wastewater mains; which will prevent untreated wastewater from flowing out of failed connection points and into the ground. This project will also help protect the environment through utilizing a trenchless technology to rehabilitate side sewer connections. Sewer lining has a lower environmental impact and is less impactful to the neighborhood when compared to traditional open cut trench construction.

BACKGROUND:

This project will rehabilitate approximately 71 side sewer connections utilizing cured-in-place pipe technology. Work will be occurring at two locations where the sewer main pipe has been previously rehabilitated. The first location is in the vicinity of North 17th and Juniper Streets (Council District No. 1) and the second location is located at South 49th and Tyler Streets (Council District No. 3).

The purpose of this pilot project is to determine if lining side sewers on a regular basis will be a less disruptive and more cost-effective solution than repairs made by open cut trenching. Side sewer connection lining also provides the added benefit of reducing the amount of inflow and infiltration entering the wastewater collection system.

ISSUE: The underground wastewater mains in these two vicinities have been previously rehabilitated using cured-in-place pipe lining thus were likely candidates for this pilot project, where the side sewer connection points have yet to be completely repaired.

ALTERNATIVES: The alternative to these improvements is taking no action and accepting the risk of continued side sewer connection failures resulting in emergency repairs by open cut trench work.



COMPETITIVE SOLICITATION:

Request for Bids Specification No. ES18-0004F was opened September 4, 2018. Five companies were invited to bid in addition to normal advertising of the project. Iron Horse, LLC submitted the only bid which resulted in the lowest evaluated submittal. 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>
Iron Horse, LLC	Fairview, OR	\$477,123.00	\$477,123.00

Pre-bid Estimate: \$451,025.00 excluding applicable sales tax
The recommended award is approximately 5.8 percent above the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Rehabilitation of these pipes will reduce the risk of failure thereby reducing the potential for discharge of untreated wastewater into the adjacent soil and groundwater, resulting in positive environmental impacts.

SBE/LEAP COMPLIANCE: The recommended contractor, Iron Horse, LLC, did not meet the established Small Business Enterprise (SBE) goal of 3 percent; however, they were the sole bidder and the SBE Office is in agreement with the award to Iron Horse, LLC per memorandum dated September 5, 2018. The Local Employment and Apprenticeship Training Program (LEAP) goal is 432 hours.

FISCAL IMPACT:

EXPENDITURES

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	ENV-04018-03-04	5330100	\$524,835.30
TOTAL			\$524,835.30

* Excluding Applicable Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	523900	Rate Revenues	\$524,835.30
TOTAL			\$524,835.30

* Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$175,000.00, excluding applicable sales tax.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

FINANCE PURCHASING
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