



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, Jill Tibbs, Finance/Purchasing, and
Christa Lee, P.E., Project Manager
SUBJECT: 2016 Wastewater Sewer Spot Repair Project – Request for Bids Specification
No. ES16-0267S – August 9, 2016
DATE: July 25, 2016

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Pape & Sons Construction, Inc., Gig Harbor, WA, in the amount of \$222,030.00, plus a 15 percent contingency, for a projected contract total of \$255,334.50, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300, for the construction of ten spot repairs on 8-inch through 12-inch diameter underground wastewater mains at various locations throughout the city.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and built environment.

This project will repair sections of the City’s wastewater sewer system that have deteriorated beyond their design life. Failure of these pipes would have negative environmental related impacts, resulting from untreated wastewater entering Commencement Bay.

BACKGROUND:

ISSUE: The underground wastewater pipes at these various locations are reaching the end of their design life and are at risk of failure. This work will repair sections of damaged pipe thus reducing the risk of failure which could result in the overflow of untreated wastewater into Commencement Bay and potentially into the basements of adjacent buildings. Pipe replacement work will be performed utilizing traditional open trench excavation methods. Preventative replacement of these underground pipes in these project areas represent the lowest life cycle cost solution to maintaining these assets.

ALTERNATIVES: The alternative is taking no action and accepting the risk of failure of the wastewater pipes. If the existing pipes are not replaced, the rate and magnitude of isolated failures will increase with time.

COMPETITIVE SOLICITATION: Request for Bids Specification No. ES16-0267S was opened June 29, 2016. Forty-nine companies were invited to bid. The solicitation was posted on the City of Tacoma’s website and appeared in the Tacoma Daily Index “Call for Bids” summary on June 12, 2016. Two submittals were received. This was originally bid using the Small Works Roster with the anticipation of bids below \$200,000, however, bids came in above the engineer’s estimate. It was concluded after the evaluation process the quantities were determined to be an accurate representation of the actual anticipated needs. Factors that resulted in higher prices most likely are due to the small quantities of work at various project locations requiring separate move-in and move-out costs, as well as challenging access issues causing inefficient and slow production of work.



Staff believes if this project was re-bid there would not be any significant change in the bid prices. In actuality, re-bidding could result in higher bids while pushing the construction window into wet weather conditions not favorable in the difficult access areas of the City. Additionally, re-bidding could increase the City’s risk of waiting to repair the already failed main which could result in an emergency project. The low bid represents value to the City and public interest would be best served by awarding to the low bidder, Pape & Sons Construction, Inc. 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>
Pape & Sons Construction, Inc.	Gig Harbor, WA	\$222,030.00
Northwest Cascade, Inc.	Puyallup, WA	\$265,085.00

Pre-bid Estimate: \$129,925.00, excluding applicable sales tax.
The recommended award is 70 percent above the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: When completed, this project will result in improving the design life of the wastewater pipes. Replacement of these wastewater pipes will reduce the risk of failure thereby reducing the potential for the discharge of untreated wastewater into the Puget Sound or onto neighboring properties.

SBE/LEAP COMPLIANCE: Not applicable.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Pape & Sons Construction, Inc., Gig Harbor, WA, in the amount of \$222,030.00, plus a 15 percent contingency, for a projected contract total of \$255,334.50, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300, for the construction of ten spot repairs on 8-inch through 12-inch diameter underground wastewater mains at various locations throughout the city.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund*	ENV-04014-02	5330100	\$255,334.50
TOTAL			\$255,334.50

* Excluding Applicable Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund*	523900	Rate Revenues	\$255,334.50
TOTAL			\$255,334.50

* Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$255,334.50, excluding applicable sales tax.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

JUL 27 2015 17:00:50

FINANCE PURCHASING