



TO: Board of Contracts and Awards
FROM: *SM* 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,
Jason Turner, Project Manager, and Jill Tibbs, Finance/Purchasing
SUBJECT: Wastewater Sewer Replacement Project & Stormwater Sewer Extension Project,
Request for Bids Specification No. ES16-0061F – August 2, 2016
DATE: July 18, 2016

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Northwest Cascade, Inc., Puyallup, WA, in the amount of \$1,013,742.50, plus a 15 percent contingency, for a cumulative total of \$1,165,803.88, excluding sales tax, budgeted from the ES Wastewater Fund 4300, ES Surface Water Fund 4301, and PW Streets Initiative Fund 1085, for the removal and construction of approximately 2,200 linear feet of 10-inch to 15-inch diameter underground wastewater and stormwater mains, and roadway surface restoration and curb ramps in the vicinity of Fawcett Avenue between South 72nd and South 88th Streets.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and built environment.

This project will replace underground wastewater pipes that have exceeded their design life and are at risk of failure. Failure of these pipes would have negative environmental-related impacts resulting from untreated wastewater entering Commencement Bay.

This project also includes a partnership with the Public Works Department to expand the limits of the residential roadway restoration, increase pedestrian mobility by improving curb ramps and sidewalks, and alleviate flooding issues.

BACKGROUND:

ISSUE: The underground wastewater pipes on Fawcett Avenue are reaching the end of their design life and are at risk of failure. Replacement will reduce the risk of failure which could result in the overflow of untreated wastewater into Commencement Bay and potentially into the basements of adjacent buildings. Preventative replacement of these underground pipes in this project area represents the lowest life cycle cost solution to maintaining these assets. In addition, existing flooding problems will be relieved by extending stormwater pipes in an adjacent alley. Pipe replacement work will be performed utilizing traditional open trench excavation methods.

The pipe replacement work requires pavement restoration at less than half the roadway width per the City’s Right of Way Restoration Policy. Public Works is partnering in this project to expand the replacement limits of the pavement to full roadway width for the length of the project and install curb ramps at intersections and fill in missing sidewalk links along the project route.

ALTERNATIVES: The alternative is taking no action and accepting the risk of failure of the wastewater pipes and continual flooding of the alley. 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. ES16-0061F was opened July 12, 2016. The project was advertised in the Tacoma Daily Index, Seattle Daily Journal of Commerce, online contractor network, state’s electronic bid website WEBS, and on the City’s Purchasing website. Five submittals were received. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u>	<u>Evaluated Submittal</u>
Northwest Cascade, Inc.	Puyallup, WA	\$1,013,742.50	\$963,430.00
Pape & Sons Construction Inc.	Gig Harbor, WA	\$1,064,754.25	\$1,011,516.54
R.L. Alia Company	Renton, WA	\$1,111,266.50	\$1,055,703.18
Miles Resources, LLC	Puyallup, WA	\$1,226,868.67	\$1,165,525.24
Macnak Construction	Lakewood, WA	\$2,097,750.10	\$2,097,750.10

Pre-bid Estimate: \$1,085,667.46

The recommended award is approximately 7 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: When completed, this project will result in structurally sound wastewater and stormwater pipes. Replacement of these pipes will reduce the risk of failure thereby reducing the potential for the discharge of untreated wastewater into Commencement Bay or neighboring properties.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the Small Business Enterprise (SBE) Regulation requirements per memorandum dated July 13, 2016. The SBE goal for this project is 16 percent. The SBE participation level of the recommended contractor is 15.88 percent. Northwest Cascade, Inc. submitted the lowest evaluated bid per the SBE Regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 450 hours.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Northwest Cascade, Inc., Puyallup, WA, in the amount of \$1,013,742.50, plus a 15 percent contingency, for a cumulative total of \$1,165,803.88, excluding sales tax, budgeted from the ES Wastewater Fund 4300, ES Surface Water Fund 4301, and PW Streets Initiative Fund 1085, for the removal and construction of approximately 2,200 linear feet of 10-inch to 15-inch diameter underground wastewater and stormwater mains, and roadway surface restoration and curb ramps in the vicinity of Fawcett Avenue between South 72nd and South 88th Streets.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund *	ENV-04014-06	5330100	\$809,637.40
4301 ES Surfacewater Fund	ENV-03006-01	5330100	\$114,289.39
1085 PW Street Initiative Fund	PWK-00438-01	5330100	\$241,877.09
TOTAL			\$1,165,803.88

* Excluding Applicable Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund*	523900	Rate Revenues	\$809,637.40
4301 ES Surfacewater Fund	521900	Rate Revenues	\$114,289.39
1085 PW Street Initiative Fund	663030	Tax Revenues	\$241,877.09
TOTAL			\$1,165,803.88

* Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,165,803.88, excluding applicable sales tax.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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FINANCE PURCHASING