



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Environmental Services Director *JD For MPS*
Geoffrey M. Smyth, P.E., Division Manager, Science and Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Joe Parris, Finance/Purchasing, and Max Drathman, Project Manager
SUBJECT: Wastewater, Stormwater and Water Main Replacement Project
North 37th Street to North 39th Street from Tyler Street to Adams Street
Request for Bids Specification No. ES14-0211F – June 10, 2014
DATE: May 27, 2014

SUMMARY:

The Environmental Services Department recommends a contract be awarded to low bidder Northwest Cascade, Inc., Puyallup, WA, in the amount of \$1,398,199.36, plus a 15 percent contingency, for a cumulative total of \$1,607,929.26, excluding sales tax, budgeted from ES Wastewater Fund 4300, ES Surface Water Fund 4301, and Water Fund 4600, to replace approximately 2,000 linear feet of 8-inch diameter wastewater sewer mains, 2,900 linear feet of 4-inch to 8-inch diameter water mains, and 260 linear feet of 8-inch to 15-inch diameter storm sewer mains from North 37th Street to North 39th Street between Tyler and Adams Streets.

STRATEGIC POLICY PRIORITY:

- Foster neighborhood, community, and economic development vitality and sustainability.
- Plan for and improve Public infrastructure that meets the Transportation needs of all Tacoma residents and visitors.

This project will replace underground potable water, storm sewer, and wastewater sewer pipes that have exceeded their design life and are at risk of failure. Failure of these pipes would have negative sustainability related impacts, including untreated wastewater entering Commencement Bay. In addition to replacing water and sewer infrastructure, the existing paved roads and alleys will be repaired in accordance with the City’s Right-of-Way Restoration Policy which will have positive traffic impacts.

BACKGROUND:

ISSUE: The underground wastewater sewer pipes in the vicinity of this project were installed over 100 years ago and are at risk of failure. Replacement of these pipes, through this contract, 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. The levels of deterioration in these wastewater sewer pipes require that installation be performed using traditional excavation methods instead of pipe-lining. Since excavation will already be occurring to replace the wastewater sewer pipes, the adjacent aging water pipes and portions of the storm sewer pipes will also be replaced. Combining this work into a single project will lessen the impact to the traveling public.

ALTERNATIVES: Alternatives to the project include lining the existing pipes or taking no action to replace the existing wastewater sewers. The lining alternative is not feasible due to the advanced level of deterioration within these particular wastewater sewer pipes. The alternative of taking no action is unattractive since it would result in an increased risk of untreated wastewater sewer overflows every year this project is postponed.



COMPETITIVE SOLICITATION: Request for Bids Specification No. ES14-0211F was opened May 6, 2014. The project was advertised in the Tacoma Daily Index and the Seattle Daily Journal of Commerce, in addition to being listed on the City’s Purchasing website. The City received seven bid proposals. Northwest Cascade, Inc. submitted the lowest responsive bid. 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 sales tax)</i>	<u>Evaluated Submittal</u> <i>(Excluding sales tax)</i>
Northwest Cascade, Inc.	Puyallup, WA	\$1,398,199.36	\$1,296,770.79
R.L. Alia Company	Renton, WA	\$1,484,973.40	\$1,381,813.43
Pacific Coast General, LLC	Port Orchard, WA	\$1,570,607.50	\$1,467,447.53
Rodarte Construction, Inc.	Auburn, WA	\$1,766,070.25	\$1,662,910.28
Jennings Northwest, LLC	Honolulu, HI	\$1,784,297.75	\$1,681,137.78
Stan Palmer Construction, Inc.	Bremerton, WA	\$1,780,858.00	\$1,703,666.72
Titan Earthwork, LLC	Sumner, WA	\$1,994,356.90	\$1,891,196.93

Pre-bid Estimate: \$1,613,152.25

The recommended award is approximately 13.3% percent below the pre-bid estimate.

CONTRACT HISTORY: New Contract

SUSTAINABILITY: A reduced risk of wastewater sewer overflows from this project represents an improvement to human health and the environment. This project will also provide improvements to ergonomic components of Tacoma’s sidewalks through curb ramp reconstruction at certain intersections within the project limits. Preventive rehabilitation of underground pipes in the project vicinity, prior to complete failure, represents the lowest lifecycle cost solution to maintaining these assets.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the Small Business Enterprise (SBE) Regulation general requirements per memorandum dated May 23, 2014. The SBE goal for this project is 14 percent. The SBE participation level of Northwest Cascade, Inc., the recommended contractor with the lowest evaluated bid, is 13.6 percent. The Local Employment and Apprenticeship Training Program (LEAP) goal is 800 hours.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded Northwest Cascade, Inc., in the amount of \$1,398,199.36, plus a 15 percent contingency, for a cumulative total of \$1,607,929.26, excluding sales tax, to replace approximately 2,000 linear feet of 8-inch diameter wastewater sewer mains, 2,900 linear feet of 4-inch to 8-inch diameter water mains, and 260 linear feet of 8-inch to 15-inch diameter storm sewer mains from North 37th Street to North 39th Street between Tyler and Adams Streets.

FINANCE PURCHASING
MAY 28 2014 11:09:30



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
ES Wastewater Fund 4300	ENV-04011-11	5330100	\$684,628.75
ES Surface Water Fund 4301	ENV-03020-12	5330100	\$56,045.86
Water Department Fund 4600	WTR-00441-11-09	5330100	\$657,524.75
TOTAL			\$1,398,199.36

* General Fund: Include Department

**Excluding Applicable Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
ES Wastewater Fund 4300	523900	Rate Revenues	\$684,628.75
ES Surface Water Fund 4301	521900	Rate Revenues	\$56,045.86
2013/2014 (Tacoma Water) Bond Fund		Rate Revenues	\$657,524.75
TOTAL			\$1,398,199.36

**Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,398,199.36, excluding sales tax

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

_____ **DATE**
BUDGET APPROVAL

