



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,
Jill Tibbs, Finance/Purchasing, and Kristy Beardemphl, P.E., Project Manager
SUBJECT: 2016 Stadium District Utility Improvement Project, Request for Bids
Specification No. ES16-0038F – June 7, 2016
DATE: May 20, 2016

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Northwest Cascade, Inc., Puyallup, WA, in the amount of \$925,467.00, plus a 20 percent contingency, for a cumulative total of \$1,110,560.40, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300 and ES Surface Water Fund 4301, for the construction of approximately 905 linear feet of 8-inch and 10-inch diameter underground wastewater mains and 355 linear feet of 15-inch diameter underground stormwater mains in the Stadium District neighborhood.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and built environment.

This project will expand and improve the City’s stormwater system in the Stadium District neighborhood. The contractor will install new inlet structures and pipe designed to capture a considerable amount of water in a short period of time during large and intense storm events, reducing the likelihood of flooding in the Stadium Bowl.

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

BACKGROUND:

ISSUE: A major storm event on October 12, 2015, resulted in a significant amount of rain falling on the streets in the Stadium District in a very short duration. The existing stormwater system was unable to adequately capture this runoff which resulted in an almost immediate flooding of the Stadium Bowl and Stadium High School. Stormwater flooding the Bowl continued north down the Schuster Slope causing a slope failure and resulting in a substantial amount of soil deposited onto Schuster Parkway and a temporary closure of that main arterial. The immediate response to this flooding event was through an Emergency Declaration dated October 13, 2015, with award of a construction contract to repair the erosional scar and reestablish support of the undermined wastewater and storm sewer pipes in the slope.

This project will expand and improve the stormwater system in the Stadium District neighborhood upstream from the Bowl with construction of approximately 355 linear feet of stormwater pipe and 11 new curb inlet drainage structures. In addition, the project will replace approximately 905 linear feet of wastewater pipe in the neighborhood. The underground wastewater pipes were installed over 100 years ago and are at the end of their life cycle. Replacement of these will reduce the risk of failure which could result in the overflow of untreated wastewater into the Puget Sound and potentially into the basements of adjacent



buildings. 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 additional flooding and failure of the wastewater pipes. If the existing pipes are not replaced, the rate and magnitude of isolated failures will increase with time. The risk of stormwater flooding and wastewater overflows will continue if this project is postponed.

COMPETITIVE SOLICITATION: Request for Bids Specification No. ES16-0038F was opened May 17, 2016. The project was advertised in the Tacoma Daily Index, Seattle Daily Journal of Commerce, online contractor network, and on the City’s Purchasing website. The City received three bid proposals. Northwest Cascade, Inc. submitted the lowest responsive bid. The following table 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>
Northwest Cascade Inc.	Puyallup, WA	\$925,467.00	\$900,784.14
Sound Pacific Construction, LLC	Gig Harbor, WA	\$1,038,610.00	\$1,004,719.38
Rodarte Construction, Inc.	Auburn, WA	\$1,096,973.00	\$1,042,124.35

Pre-bid Estimate: \$872,840.59 excluding applicable sales tax.
The recommended award is approximately 6 percent above 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 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: The recommended contractor is in compliance with the Small Business Enterprise (SBE) Regulation requirements per memorandum dated May 18, 2016. The SBE goal for this project is 16 percent. The SBE participation level of the recommended contractor is 8.53 percent. Northwest Cascade, Inc., submitted the lowest evaluated bid per the SBE Regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 630 hours.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Northwest Cascade, Inc., Puyallup, WA, in the amount of \$925,467.00, plus a 20 percent contingency, for a cumulative total of \$1,110,560.40, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300 and ES Surface Water Fund 4301, for the construction of approximately 905 linear feet of 8-inch and 10-inch diameter underground wastewater mains and 355 linear feet of 15-inch diameter underground stormwater mains in the Stadium District neighborhood.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund*	ENV-04014-05	5330100	\$537,150.72
4301 ES Surface Water Fund	ENV-03025-14	5330100	\$573,409.68
TOTAL			\$1,110,560.40

* Excluding Applicable Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund*	523900	Rate Revenues	\$537,150.72
4301 ES Surface Water Fund	521900	Rate Revenues	\$573,409.68
TOTAL			\$1,110,560.40

* Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,110,560.40, excluding applicable sales tax.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes