



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,
Joseph Parris, Finance/Purchasing; and Jessica Knickerbocker, Project Manager
SUBJECT: Sprague Pervious Parking Project - Request for Bids Specification No. ES14-0035F -
June 3, 2014
DATE: May 16, 2014

SUMMARY:

The Environmental Services Department recommends a contract be awarded to low bidder Northwest Cascade, Inc., Puyallup, WA, in the amount of \$1,206,159.36, plus a 15 percent contingency, for a cumulative total of \$1,387,083.26, excluding sales tax, budgeted from the ES Surface Water Fund 4301, ES Wastewater Fund 4300, and the Water Fund 4600, for the construction of the Sprague Pervious Parking project located on South Sprague Avenue between South 19th and South 25th 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.

The project is located on residential South Sprague Avenue between South 19th and South 25th Streets, and will use a sustainable design approach which reduces pollution generating impervious roadway, reduces project costs, and provides traffic calming elements.

BACKGROUND:

ISSUE: The Sprague Pervious Parking project is a pilot project designed to reduce localized flooding by utilizing green infrastructure. This is the second phase of work and will complete the vision of this corridor as identified and prioritized by a citizen steering committee which included several members of the Central Neighborhood Council, Public Works Street Operations Division and City Council members.

Residential South Sprague Avenue is failing and frequently experiencing localized flooding. This area has constantly required maintenance by the Public Works' Street Operations Division. In addition, the west side of this wide roadway was utilized for unwanted and sometimes illegal activities.

Environmental Services worked with Public Works to design a roadway that meets the needs of the neighbors on this street and creates an environment that discourages unwanted activities. Our approach reduces the street surface area which also reduces this road's stormwater impacts on the Thea Foss Waterway. Pervious pavement will be constructed in the parking lanes and sidewalk areas. Overflow from these areas will be treated by a sand filter. On the west side of the road a bioswale will treat stormwater similar to the approach constructed in Phase 1 of the Sprague Enhancement project.

This project is a collaborative project with the Environmental Services Wastewater Division and Tacoma Public Utilities Water Department. The wastewater main and side sewers will be replaced from South 23rd to South 25th Streets, and the water main will be replaced from South 19th to South 23rd Streets.



ALTERNATIVES: An alternative to this pilot green infrastructure approach would be to reconstruct this road with traditional improvements. Based on today’s stormwater regulations this road could be reconstructed by Public Works or through a Local Improvement District without any stormwater treatment. This would increase the stormwater and contaminants leaving the site and contribute to capacity concerns downstream. This pilot project is intended to be a demonstration project showing how green infrastructure can improve our community and minimize the stormwater impacts on our receiving waters.

COMPETITIVE SOLICITATION: Request for Bids Specification No. ES14-0035F was opened April 29, 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. Four submittals were received. The bid proposal for this project included the base bid and two alternate pervious paving technologies. The low bidder determination was based on the total cost for the base bid plus the two alternates, excluding sales tax. The bid totals are summarized in the submittal amounts provided below. Note that the contract award recommendation is for the base bid and only one of the alternate bid items, since the second alternative is not necessary.

<u>Respondent</u>	<u>Location (city and state)</u>	<u>Submittal Amount</u>	<u>Evaluated Submittal</u>
Northwest Cascade, Inc.	Puyallup, WA	\$1,358,345.36	\$1,037,240.83
R.L. Alia Company	Renton, WA	\$1,531,236.46	\$1,249,083.27
Stan Palmer Construction, Inc.	Bremerton, WA	\$1,673,234.71	\$1,482,230.60
Tucci & Sons, Inc.	Tacoma, WA	\$2,116,570.74	\$1,865,590.55

Pre-bid Estimate: \$1,355,207.50, excluding sales tax.

The recommended award is approximately 11 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: This project is designed to an equivalent Greenroads Bronze certification and includes the following sustainable related design components:

- This project is designed with green infrastructure.
- A Waste Management and Site Recycling Plan are required to quantify the construction waste generated from this project.
- The contractor is required to place 90 percent of the hot mix asphalt with a paver that meets the National Institute for Occupational Safety and Health emissions guidelines set forth in Engineering Control Guidelines for Hot Mix Asphalt Pavers.
- This will reduce greenhouse gas emissions and improve worker health and safety.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the Small Business Enterprise (SBE) Regulation requirements per memorandum dated April 30, 2014. The SBE goal for this project is 13 percent. The SBE participation level of the recommended contractor is 13 percent. Northwest Cascade, Inc. submitted the lowest evaluated bid per the SBE Regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 1,000 hours.



RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to low bidder Northwest Cascade, Inc., in the amount of \$1,206,159.36, plus a 15 percent contingency, for a cumulative total of \$1,387,083.26, excluding sales tax, for the construction of the Sprague Pervious Parking project located on South Sprague Avenue between South 19th and South 25th Streets.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
ES Surface Water Fund 4301	ENV-03020-05	5330100	\$831,752.86
ES Wastewater Fund 4300	ENV-04011-10	5330100	\$224,285.50
Water Department Fund 4600	WTR-00440-08-03	5330100	\$150,121.00
TOTAL			\$1,206,159.36

* General Fund: Include Department

**Excluding Applicable Sales tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
ES Surface Water Fund 4301	521900	Rate Revenues	\$831,752.86
ES Wastewater Fund 4300	523900	Rate Revenues	\$224,285.50
2013/2014 (Tacoma Water) Bond Fund		Rate Revenues	\$150,121.00
TOTAL			\$1,206,159.36

**Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,206,159.36, excluding sales tax

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes