



**TO:** Board of Contracts and Awards

**FROM:** Michael P. Slevin III, P.E., Director, Environmental Services *M.P.S.*  
 Kurtis D. Kingsolver, P.E., Director, Public Works *KDK*  
 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 Jessica Tonka, Finance/Purchasing

**SUBJECT:** Increase for Wastewater Sewer Replacement Project and Stormwater Sewer  
 Extension Project, Request for Bids Specification No. ES16-0061F  
 Contract No. 4600011826 – March 21, 2017

**DATE:** March 3, 2017

**SUMMARY:**

The Environmental Services and Public Works Departments request approval to increase Contract No. 4600011826 with Northwest Cascade, Inc., Puyallup, WA, by an amount not to exceed \$145,000, for a total contract amount of \$1,310,803.88, excluding sales tax, budgeted from the ES Wastewater Fund and PW Street Initiative Fund, for the Wastewater Sewer Replacement Project and Stormwater Sewer Extension Project.

**STRATEGIC POLICY PRIORITY:**

- Assure outstanding stewardship of the natural and built environment.

This project replaces 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 and the Puget Sound.

This project 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 original scope of the project was to replace the underground wastewater pipes on Fawcett Avenue that were reaching the end of their design life and were at risk of failure. Replacement reduced 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 represented the lowest life cycle cost solution to maintaining these assets. In addition, existing flooding problems were relieved by extending stormwater pipes in an adjacent alley. Pipe replacement work was performed utilizing traditional open trench excavation methods.

The requested increase will address additional roadway restoration, side sewer reconnections, and utility conflict work that was not included in the initial scope of work. Roadway restoration increased due to unanticipated poor subgrade conditions which resulted in wider than normal trench widths and extra roadway excavation to stabilize the subgrade. Roadway restoration was also increased by one city block due to construction traffic further deteriorating an adjacent street already in poor condition. Additional costs also include higher than anticipated bid quantities for side sewer extensions and reconnections, changes to pipe invert elevations, and unknown utility conflicts.



**ALTERNATIVES:** The alternative to increasing the original contract would be not to address the subgrade issues nor extend the side sewers to the curb line. This would create a deficient roadway section that would result in premature pavement failure and risk of future side sewer failures requiring further patching within the newly paved roadway.

**COMPETITIVE SOLICITATION:** This contract was originally awarded to Northwest Cascade, Inc. as a result of Request for Bids Specification No. ES16-0061F in July 2016. The Contractor has agreed to increase the contract amount at the same prices, terms, and conditions as the original contract.

**CONTRACT HISTORY:** The original contract was approved by Purchase Resolution No. 39507 on August 2, 2016, in the amount of \$1,013,742.50, plus a 15 percent contingency for a cumulative total of \$1,165,803.88. The increase of not to exceed \$145,000.00 would result in a new cumulative total of \$1,310,803.88, excluding applicable sales tax. This is the first amendment to the contract.

**RECOMMENDATION:**

The Environmental Services and Public Works Departments request approval to increase Contract No. 4600011826 with Northwest Cascade, Inc., Puyallup, WA, by an amount not to exceed \$145,000, for a total contract amount of \$1,310,803.88, excluding sales tax, budgeted from the ES Wastewater Fund and PW Street Initiative Fund, for the Wastewater Sewer Replacement Project and Stormwater Sewer Extension Project.

**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	ENV-04014-06	5330100	\$115,000
1085 PW Street Initiative Fund	PWK-00438-01	5330100	\$30,000
<b>TOTAL</b>			<b>\$145,000</b>

Excluding Applicable Sales Tax

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	523900	Rate Revenues	\$115,000
Streets Initiative Revenues	663020	Various	\$30,000
<b>TOTAL</b>			<b>\$145,000</b>

Excluding Applicable Sales Tax

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET:** \$145,000, excluding applicable sales tax.

**ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED?** Yes