



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Eric Johnson, P.E., Interim Division Manager, Science and Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Lance Bunch, P.E., Project Manager, and Samol Hefley, Finance/Purchasing
SUBJECT: North End Wastewater Treatment Plant Outfall Vault Repair, Request for Bids
Specification No. ES18-0353S – February 12, 2019
DATE: January 25, 2019

RECOMMENDATION SUMMARY:

The Environmental Services Department recommends a contract be awarded to Combined Construction Inc., Mukilteo, WA, in the amount of \$179,000.00, plus a 15 percent contingency, for a projected contract total of \$205,850.00, plus applicable tax, budgeted from the Environmental Services Wastewater Fund 4300, for construction of the North End Wastewater Treatment Plant Outfall Repair Project.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Assure outstanding stewardship of the natural and built environment.

This project will help protect the environment by eliminating outfall vault overflows and treated wastewater leakage to the shoreline and Commencement Bay as required by the Department of Ecology and the current National Pollutant Discharge Elimination System (NPDES) permit.

BACKGROUND:

The North End Treatment Plant (NETP) outfall conveys treated wastewater from the NETP through a gravity pipe system, to an outfall vault located on the shoreline north of Ruston Way, then through a pipe laid on the sea floor that discharges into Commencement Bay at a depth of 125 feet. This system was originally installed in 1967 and was modified in 1989 to extend an additional 200 feet further into the bay and add six diffusers for better dilution with seawater.

ISSUE: The NETP outfall vault located on the shoreline has been observed seeping treated wastewater out of the vault lid and the 6-inch diameter vent pipe on two separate occasions. The vent pipe has subsequently been retrofitted with a valve to stop the leakage; however, the vault lid is not watertight and continues to be a potential source of leakage. This project will make modifications to the existing outfall vault to ensure it is watertight and leak-proof to protect public health and stay in compliance with the NPDES permit requirements.

ALTERNATIVES: An alternative to this project is taking no action. This is the least expensive alternative, but would include a high possibility of treated wastewater leaking onto the beach versus discharging into the deep waters of Commencement Bay consistent with outfall design.



COMPETITIVE SOLICITATION:

Request for Bids Specification No. ES18-0353S was opened on January 9, 2019. Multiple companies on the Small Works Roster were invited to bid this project. One submittal was received.

Combined Construction Inc. submitted a bid that resulted in the lowest evaluated submittal. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u> <small>(excluding sales tax)</small>	<u>Evaluated Submittal</u> <small>(excluding sales tax)</small>
Combined Construction Inc.	Mukilteo, WA	\$ 179,000.00	\$ 179,000.00

Pre-bid Estimate: \$150,000.00, excluding sales tax
The recommended award is 19 percent above the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Replacement of the outfall vault concrete lid and vent pipe will minimize the risk of treated wastewater leaking onto the beach versus discharging into the deep waters of Commencement Bay consistent with outfall; this is the most sustainable solution.

SBE/LEAP COMPLIANCE: Not applicable. This solicitation was advertised utilizing the Small Works Roster.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	ENV-04016-06-04	5330100	\$ 205,850.00
TOTAL			\$ 205,850.00

* Plus Applicable Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	523900	Rate Revenues	\$ 205,850.00
TOTAL			\$ 205,850.00

* Plus Applicable Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$205,850.00, PLUS APPLICABLE TAX

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED. N/A