



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services Department
 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 Lance Bunch, Project Manager
SUBJECT: North End Treatment Plant Ventilation Upgrade, Request for Bids Specification
 No. ES14-0553F – March 3, 2015
DATE: February 23, 2015

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Scherer Trucking & Excavation Inc., Centralia, WA, in the amount of \$256,080.01, plus a 15 percent contingency, for a cumulative total of \$294,492.01, excluding sales tax, budgeted from the ES Wastewater Fund 4300, to provide necessary ventilation improvements at the North End Treatment Plant.

STRATEGIC POLICY PRIORITY:

- Foster neighborhood, community, and economic development vitality and sustainability.

The proposed ventilation improvements at the North End Treatment Plant will improve operational safety conditions within the plant which help ensure this facility can continue providing a high level of treatment for the wastewater generated by the residences and businesses of North Tacoma.

BACKGROUND:

ISSUE: The existing North End Treatment Plant influent pump station and clarifier chemical/electrical structures do not currently provide sufficient ventilation to remove toxic and explosive gases that have the potential to concentrate in these wastewater treatment process areas. If measures are not taken to improve the air quality in these areas, personnel could be at risk of exposure to an asphyxiating or toxic atmosphere created during a fire.

ALTERNATIVES: Alternatives include continuing to operate with the existing ventilation systems or to implement the improvements included in this project. If the existing ventilation system is not replaced, the current health and safety risk associated with these areas would require personnel entering these spaces to do so using confined space protocols because of potentially high volatile gas concentrations. This operational condition is not feasible for these areas. Therefore the proposed improvements were found to provide the overall best value to the City. These improvements will ensure a safe working environment in compliance with the National Electric Code and the National Fire Protection Association.

COMPETITIVE SOLICITATION: Request for Bids Specification No. ES14-0553F was opened on January 27, 2015. This project was advertised in the Tacoma Daily Index, Seattle Daily Journal of Commerce, and on the City’s Purchasing website. Four bid submittals were received, as summarized in the table below.

<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal Amount</u> <i>(Excluding sales tax)</i>
Scherer Trucking & Excavation Inc.	Centralia, WA	\$256,080.01
Capital Heating and Cooling	Lacey, WA	\$285,000.00
Design Air Limited	Renton, WA	\$314,600.00
Crescent Mechanical, Inc.	Auburn, WA	\$354,820.00



Pre-bid Estimate: \$225,000.00, excluding sales tax.

The recommended award is 13.8 percent above the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: The proposed ventilation improvements at the North End Treatment Plant will improve operational safety conditions within the plant which help ensure this facility can continue providing a high level of treatment for the wastewater generated by the residences and businesses of North Tacoma.

SBE/LEAP COMPLIANCE: This project involves a scope of work that contains little opportunity for subcontracting. Therefore, the City’s SBE office determined the goal of zero would be implemented for SBE on this project. The Local Employment and Apprenticeship Training Program goal does not apply to this project since the pre-bid estimate was below the \$250,000 minimum threshold.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Scherer Trucking & Excavation Inc., in the amount of \$256,080.01, plus a 15 percent contingency, for a cumulative total of \$294,492.01, excluding sales tax, to provide necessary ventilation improvements at the North End Treatment Plant.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
4300 ES Wastewater Fund	ENV-04016-03	5330100	\$294,492.01
TOTAL			\$294,492.01

* General Fund: Include Department

**Excluding Sales Tax

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
4300 ES Wastewater Fund	523900	Rate Revenues	\$294,492.01
TOTAL			\$294,492.01

** Excluding Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$294,492.01

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes