



**TO:** Board of Contracts and Awards  
**FROM:** Michael P. Slevin III, P.E., Director, Environmental Services *MPS*  
 Geoffrey M. Smyth, P.E., Division Manager, Science & Engineering  
**COPY:** City Council; City Manager; City Clerk; SBE Coordinator; LEAP Coordinator;  
 Joe Parris, Finance/Purchasing; and David R. Koberstein, P.E., Project Manager  
**SUBJECT:** Titlow Pump Station AN2201 Force Main Upgrade; Request for Bids Specification  
 No. ES14-0077F - August 26, 2014  
**DATE:** August 12, 2014

**SUMMARY:**

The Environmental Services Department recommends a contract be awarded to low bidder NOVA Contracting, Inc., Olympia, WA, in the amount of \$345,000.00, plus a 15 percent contingency, for a cumulative total of \$396,750.00, excluding sales tax, budgeted from the ES Wastewater Fund 4300, to replace a portion of the Titlow Pump Station force main pipe.

**STRATEGIC POLICY PRIORITY:**

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

This project will result in a significant increase in the flow capacity of the existing Titlow Pump Station. This capacity increase will help avoid overflows of untreated wastewater from entering the Puget Sound during peak wet weather events.

**BACKGROUND:**

**ISSUE:** The Titlow Pump Station was constructed in 1961, the construction included an 8-inch force main. In 1971 the force main was upgraded to a 10-inch cast iron pipe from the pump station at Titlow Park to a gravity trunk line in Sunset Drive. In 2006, the pump station was upgraded from two to three pumps to address increased flows from the service area and capacity issues during peak wet weather events. At that time approximately 400 feet of the force main was upgraded to 12-inch. This project will complete the upgrade of the force main from 10-inch to 12-inch.

**ALTERNATIVES:** During the predesign phase of the project, pipe material and construction method alternatives were evaluated by the design team. These included ductile iron, high-density polyethylene (HDPE), and polyvinyl chloride (PVC) pipe material; and trenchless pipeline construction. Based on the shallow depth of the new pipeline, traditional open cut construction was selected. Fused joint HDPE pipe material was selected for the new force main, based on its joint durability and the pipe material resistance to corrosion and damage.

**COMPETITIVE SOLICITATION:** Request for Bids Specification No. ES14-0077F was opened July 22, 2014. The City notified three contractors of the upcoming project and 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. Six submittals were received, as summarized in the table below. NOVA Contracting, Inc. submitted the lowest responsive bid.

<u>Respondent</u>	<u>Location (city and state)</u>	<u>Submittal Amount</u> <i>(Excluding sales tax)</i>	<u>Evaluated Submittal</u> <i>(Excluding sales tax)</i>
NOVA Contracting, Inc.	Olympia, WA	\$345,000.00	\$345,000.00
Macnak Construction, LLC	Lakewood, WA	\$350,000.00	\$350,000.00
WHH Nisqually Federal Services, LLC	Tacoma, WA	\$464,612.00	\$447,362.00



Northwest Cascade, Inc.	Puyallup, WA	\$492,200.00	\$474,950.00
R. L. Alia Company	Renton, WA	\$503,000.00	\$485,750.00
Ceccanti, Inc.	Tacoma, WA	\$536,227.00	\$518,977.00

Pre-bid Estimate: \$402,500.00

The recommended award is approximately 14 percent below the pre-bid estimate.

**CONTRACT HISTORY:** New contract.

**SUSTAINABILITY:** This project will increase the pumping capacity at the Titlow Pump Station and help avoid the potential discharge of untreated wastewater to the Puget Sound.

**SBE/LEAP COMPLIANCE:** The recommended contractor is in compliance with the Small Business Enterprise (SBE) Regulation requirements per memorandum dated August 4, 2014. The SBE goal for this project is 11 percent. The SBE participation level of the recommended contractor is 0.0 percent. NOVA Contracting, Inc. submitted the lowest evaluated bid per the SBE Regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 292 hours.

**RECOMMENDATION:**

The Environmental Services Department recommends a contract be awarded to NOVA Contracting, Inc., Olympia, WA, in the amount of \$345,000, plus a 15 percent contingency, for a cumulative total of \$396,750.00, excluding sales tax, budgeted from the ES Wastewater Fund 4300, to replace a portion of the Titlow Pump Station force main.

**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME*	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
ES Wastewater Fund 4300	ENV-04013-03	5330100	\$396,750.00
<b>TOTAL</b>			<b>\$396,750.00</b>

\*General Fund: Include Department

\*\*Excluding Applicable Sales Tax

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT**
ES Wastewater Fund 4300	523900	Rate Revenues	\$396,750.00
<b>TOTAL</b>			<b>\$396,750.00</b>

\*\*Excluding Applicable Sales Tax

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET:** \$396,750.00, excluding sales tax

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