



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,
David Koberstein, P.E., Project Manager, and Jill Tibbs, Finance/Purchasing
SUBJECT: Dash Point Pump Station and Force Main Upgrade Project – Request for Bids
Specification No. ES16-0022F – June 28, 2016
DATE: June 10, 2016

SUMMARY:

The Environmental Services Department recommends a contract be awarded to NOVA Contracting, Inc., Olympia, WA, in the amount of \$994,000.00, plus a 20 percent contingency, for a cumulative total of \$1,192,800.00, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300, to upgrade wastewater pump stations at Dash Point and South 7th Street and Pacific Avenue, and to construct approximately 2500 linear feet of 7-inch diameter underground wastewater force main pipe in Northeast Tacoma.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and build environment.

The improvements provided through this project will help protect the environment by reducing the potential for the overflow of untreated wastewater into Commencement Bay that could be caused by the existing outdated and unreliable equipment.

BACKGROUND:

ISSUE: The Dash Point and South 7th Street and Pacific Avenue pump stations continuously receive and pump sanitary wastewater from their surrounding service areas. They were constructed in 1981 and their equipment has become outdated and unreliable, and needs to be replaced. The pumping equipment within each station depends on a vacuum pump priming system, and periodic failure of this system has resulted in pump station outages and increased maintenance costs. These stations have older power supply and control systems that have contributed to pump station outages, and these also need to be replaced. The Dash Point Pump Station force main pipe was also constructed in 1981, using 6-inch PVC pipe. Sections of it are located within easements on private property, between and behind homes.

This project will replace the two existing pumps at each pump station with new self-priming submersible pumps. These pumps are designed to provide long service life and reliability, and are easily removed for service or replacement if needed. Each pump station will also receive new piping, valves, and a new control panel. In addition, the project will replace the approximately 2,500 linear foot Dash Point force main pipe with 7-inch diameter fused joint HDPE pipe. The new line will be relocated onto city street right-of-way, where it will be accessible should repair ever be needed.

ALTERNATIVES: The alternative is to take no action and accept the risk of pump station outages or force main pipe failures, and possible overflows of untreated wastewater. As these stations and pipe continue to age, this risk will increase with time.



COMPETITIVE SOLICITATION: Request for Bids Specification No. ES16-0022F was opened May 24, 2016. The project was advertised in the Tacoma Daily Index, online contractor network, and on the City’s Purchasing website. The City received two bid proposals. NOVA Contracting, Inc. submitted the lowest responsive bid. The following table reflects the amount of the base award.

| <u>Respondent</u> | <u>Location</u> <i>(city and state)</i> | <u>Submittal Amount</u> <i>(Excluding Applicable Sales Tax)</i> | <u>Evaluated Submittal</u> <i>(Excluding Applicable Sales Tax)</i> |
|-------------------------------|--|--|---|
| NOVA Contracting, Inc. | Olympia, WA | \$994,000.00 | \$944,300.00 |
| Northwest Cascade Inc. | Puyallup, WA | \$1,351,158.00 | \$1,283,600.10 |

Pre-bid Estimate: \$863,500.00 excluding applicable sales tax.
The recommended award is approximately 15 percent above the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: When completed, this project will result in two updated wastewater pump stations with their service life extended by approximately 30 years. In addition, the replacement force main will have an extended service life of over 50 years. This will result in decreasing pump station maintenance costs and future service outages. This, along with the force main replacement, will reduce the risk of sewage overflows and discharge of untreated wastewater onto neighboring properties or into Commencement Bay.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the Small Business Enterprise (SBE) Regulation requirements per memorandum dated June 3, 2016. The SBE goal for this project is 7 percent. The SBE participation level of the recommended contractor is 7 percent. NOVA Contracting, Inc. submitted the lowest evaluated bid per the SBE Regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 616 hours.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to NOVA Contracting, Inc., Olympia, WA, in the amount of \$994,000.00, plus a 20 percent contingency, for a cumulative total of \$1,192,800.00, excluding applicable sales tax, budgeted from the ES Wastewater Fund 4300, to upgrade wastewater pump stations at Dash Point and South 7th Street and Pacific Avenue, and to construct approximately 2500 linear feet of 7-inch diameter underground wastewater force main pipe in Northeast Tacoma.



FISCAL IMPACT:

EXPENDITURES:

| FUND NUMBER & FUND NAME | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT* |
|--------------------------|-------------------------------|-----------------|-----------------------|
| ES Wastewater Fund 4300* | ENV-04013-02-03 | 5330100 | \$1,192,800.00 |
| TOTAL | | | \$1,192,800.00 |

* Excluding Applicable Sales Tax

REVENUES:

| FUNDING SOURCE | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT* |
|--------------------------|-------------------------------|---------------|-----------------------|
| ES Wastewater Fund 4300* | 523900 | Rate Revenues | \$1,192,800.00 |
| TOTAL | | | \$1,192,800.00 |

* Excluding Applicable Sales Tax

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,192,800.00, excluding applicable sales tax.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes.

