




**TO:** Board of Contracts and Awards  
**FROM:** Michael P. Slevin III, P.E., Director, Environmental Services   
Eric Johnson, P.E., Acting Division Manager, Science and Engineering  
**COPY:** City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,  
Max Drathman, P.E., Project Manager, and Samol Hefley, Finance/Purchasing  
**SUBJECT:** South Tacoma Lift Station Electrical Improvements, Request for Bids  
Specification No. ES18-0343F – January 22, 2019  
**DATE:** January 7, 2019

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**RECOMMENDATION SUMMARY:**

The Environmental Services Department recommends a contract be awarded to BES Electrical Services LLC, Olympia, WA, in the amount of \$655,600.00, plus a 20 percent contingency, plus any applicable taxes, for a projected contract total of \$866,965.44, budgeted from the Environmental Services Wastewater Fund 4300, for construction of the South Tacoma Lift Station Electrical Improvements 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 through the replacement of aging electrical infrastructure at the South Tacoma Wastewater Lift Station that has exceeded its design life and is at risk of failure which could result in untreated wastewater being discharged to the City rights-of-way, neighboring properties, or the Puget Sound.

**BACKGROUND:**

The existing South Tacoma Wastewater Lift Station has five pumps and is located near the Tacoma Public Utilities campus. This facility was originally constructed in 1948 and renovated in 1988. It receives all residential, commercial, and industrial wastewater from South Tacoma and its surrounding area. This critical facility provides the pumping needed to maintain gravity flow through Tacoma’s wastewater collection system network for final conveyance to the Central Wastewater Treatment Plant.

**ISSUE:** In the 2000s, City maintenance crews rebuilt the pumps, piping, and valves in the dry well to prevent raw sewage leaks. The existing electrical equipment is now beyond its 30-year design life and is in need of replacement to maintain the facility’s level of service. This project will replace all the electrical equipment (service connections, motor control center, power panels, conduit, and wire) and lighting. The facility will remain operational at all times during construction.

**ALTERNATIVES:** An alternative to this project is taking no action. This is the least expensive alternative, but would include a high risk of overflows of untreated wastewater. The current 30-year-old electrical equipment is showing signs that failure is a distinct possibility and the longer the City waits to replace this equipment the higher the chance of failure becomes. Also increasing the risk of inaction is that some of the specialized equipment scheduled for replacement can take six months to procure; therefore, making it to wait for actual equipment failure, before replacement, would be an unfavorable option.



**COMPETITIVE SOLICITATION:**

Request for Bids Specification No. ES18-0343F was opened November 27, 2018. Seven companies were invited to bid in addition to normal advertising of the project. Three submittals were received.

BES Electrical Services LLC submitted a bid that resulted in the lowest evaluated submittal after consideration of Small Business Enterprise (SBE) participation goals. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u> <u>(excluding sales tax)</u>	<u>Evaluated Submittal</u> <u>(excluding sales tax)</u>
<b>BES Electrical Services LLC</b>	<b>Olympia, WA</b>	<b>\$ 655,600.00</b>	<b>\$ 555,600.00</b>
Totem Electric of Tacoma, Inc.	Tacoma, WA	\$ 675,768.00	\$ 575,768.00
Madsen Electric, A Division of Carl T. Madsen, Inc.	Tacoma, WA	\$ 681,620.00	\$ 581,620.00

Pre-bid Estimate: \$716,393.00 excluding sales tax  
The recommended award is 8.5 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Replacement of this electrical pump station infrastructure will minimize the risk of failure thereby reducing the potential for discharge of untreated wastewater onto City rights-of-way, neighboring properties, or into Puget Sound; which could result in negative environmental impacts.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the SBE regulation requirements per memorandum dated November 29, 2018. The SBE goal for this project is 22 percent. The SBE participation level of the recommended contractor is 0 percent. BES Electrical Services LLC submitted the lowest evaluated bid per the SBE regulation requirements. The Local Employment and Apprenticeship Training Program goal is 15 percent of the total labor hours worked.



**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	ENV-04013-04-04	5330100	\$ 866,965.44
<b>TOTAL</b>			<b>\$ 866,965.44</b>

\* Including Sales Tax

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT*
4300 ES Wastewater Fund	523900	Rate Revenues	\$ 866,965.44
<b>TOTAL</b>			<b>\$ 866,965.44</b>

\* Including Sales Tax

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$866,965.44**

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

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