



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services
John Burk, P.E., 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: CTP Primary Sedimentation Tank Concrete Restoration Project
Request for Bids Specification No. ES19-0141F – August 13, 2019
DATE: July 29, 2019

RECOMMENDATION SUMMARY:

The Environmental Services Department recommends a contract be awarded to WCCL Systems LLC, Tacoma, WA, in the amount of \$476,840.00, plus a 20 percent contingency, for a projected contract total of \$572,208.00, plus applicable taxes, budgeted from the ES Wastewater Fund 4300, for restoration of one primary sedimentation tank at the Central Wastewater Treatment Plant.

STRATEGIC POLICY PRIORITY:

- Assure outstanding stewardship of the natural and built environment.

These improvements will extend the design life of the wastewater tank and will result in a positive environmental impact through avoiding potential wastewater overflows to the Puyallup River and Commencement Bay.

BACKGROUND:

The Central Wastewater Treatment Plant (CTP) Primary Sedimentation Tanks are the first stage of treatment after the removal of rags and grit from the waste stream. These tanks are designed to reduce the velocity of wastewater flow, allowing heavier organic solids to settle. The tanks located at the CTP have been in service for over 67 years and are at risk of failing due to severe concrete deterioration.

This project will resurface and coat the inside of one of the CTP's sedimentation tanks with a high strength chemical resistant epoxy coating system. Coating of the remaining three tanks will occur as part of a future capital improvement project, currently planned for 2020.

ISSUE: The primary sedimentation tanks are critical to the treatment of sanitary waste and have exceeded their design life and are at risk of failure due to structural integrity issues.

ALTERNATIVES: One alternative is taking no action and accepting the risk of a failure in the sedimentation tank that would result in uncontrolled release of over 20,000,000 gallons of untreated wastewater into the Puyallup River and Commencement Bay. This risk will only increase with time as the primary sedimentation tanks continue to age. An alternative to replacing the tank will be to construct an entirely new tank, which would result in significantly higher costs and more significant impact to the treatment facility during construction.



COMPETITIVE SOLICITATION:

Request for Bids Specification No. ES19-0141F was opened on July 16, 2019. The project was advertised in the Tacoma Daily Index, several online contractor plan centers, Seattle Daily Journal of Commerce, and City’s Purchasing website. Five submittals were received. WCCL Systems, 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> <i>(city and state)</i>	<u>Submittal</u> <u>Amount</u>	<u>Evaluated</u> <u>Submittal</u>
WCCL Systems, LLC	Tacoma, WA	\$476,840.00	\$476,840.00
Long Painting Company	Kent, WA	\$511,032.00	\$511,032.00
Kodiak Industrial Solutions, LLC	Marysville, WA	\$588,959.00	\$588,959.00
Purcell P&C, LLC	Tukwila, WA	\$689,675.00	\$689,675.00
ECI Services	Pasco, WA	\$1,057,190.00	\$1,057,190.00

Pre-bid Estimate: \$619,000.00, excluding sales tax
The recommended award is 23 percent below the pre-bid estimate.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: Restoring the sedimentation tank will reduce the risk of catastrophic failure thereby reducing the potential for discharging millions gallons of untreated wastewater into the Puyallup River and Commencement Bay resulting in a positive environmental impact.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the SBE regulation requirements per memorandum dated July 22, 2019. The SBE goal for this project is 22 percent. The SBE participation level of the recommended contractor is 22 percent. WCCL Systems, LLC submitted the lowest evaluated bid per the SBE regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 15 percent.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	ENV-04015-16-04	5330100	\$572,208.00
TOTAL			\$572,208.00

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	523900	Rate Revenues	\$572,208.00
TOTAL			\$572,208.00

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$572,208.00, 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