



City of Tacoma

Resolution No.: _____

Meeting Date: _____

**Contract and Award Letter
Purchase Resolution —Exhibit "A"**

TO: Board of Contracts and Awards

FROM: Michael P. Slevin III, P.E, Director, Environmental Services DS
GMS
 Kari Prussen, P.E., Assistant Division Manager DS
MPS
 Lance Bunch, P.E., Professional Engineer

COPY: City Council, City Manager, City Clerk, EIC Coordinator, LEAP Coordinator, and Dawn DeJarlais, Finance/Purchasing

SUBJECT: Central Treatment Plant Secondary Clarifier No. 5 Restoration Project – Request for Bids Specification No. ES23-0026F – May 9, 2023

DATE: April 10, 2023

RECOMMENDATION SUMMARY:

The Environmental Services Department recommends a contract be awarded to Rognlins, Inc, Aberdeen, WA in the amount of \$1,436,500, plus a 20 percent contingency, for a projected contract total of \$1,723,800, plus applicable taxes, budgeted from the ES Wastewater Fund 4300, for construction of the Central Treatment Plant Secondary Clarifier No. 5 Restoration 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 provide rehabilitation to a wastewater secondary clarifier tank at the Central Treatment Plant. These improvements will extend the structural life of the tank and reduce the risk of wastewater treatment interruption, which could result in millions of gallons of partially treated wastewater discharging into the Puyallup River and the Puget Sound.

BACKGROUND:

The secondary clarifier system consists of six circular tanks that were constructed in the mid-1980s. Each tank provides secondary treatment and holds approximately one million gallons of wastewater.

A structural and mechanical condition assessment was performed in 2018, which provided upgrade recommendations for improving performance, reducing risk of failure, reducing maintenance, and extending the life of all six clarifiers. These improvements include demolition and replacement of the topping slab, repair of concrete cracking and spalling, epoxy coating of concrete surfaces, and spot repairs of metal corrosion. This project will rehabilitate tank number five with the remaining five to be completed in future projects over the next five to six years.

ISSUE: The secondary clarifier tanks are critical to the treatment of wastewater and are at risk of failure due to structural integrity issues from grout and concrete deterioration.

ALTERNATIVES: One alternative is to take no action and accepting the risk of a failure in the secondary clarifier tank which could result in uncontrolled release of over one million gallons of partially treated wastewater into the Puyallup River and Commencement Bay. This risk will only increase with time as the secondary clarifier tanks continue to age. An alternative to rehabilitating the tank would be to construct an entirely new tank which would result in higher cost and more significant impact to the treatment facility during construction.



COMPETITIVE SOLICITATION:

Request for Bids Specification No. ES23-0026F was opened April 4, 2023. Normal advertising of the project was conducted and solicited through eight plan centers. Four submittals were received.

Rognlins, Inc. submitted a bid that resulted in the lowest evaluated submittal after consideration of EIC participation goals. The table below reflects the amount of the base award.

<u>Respondent</u>	<u>Location</u>	<u>Submittal Amount</u>
Rognlins, Inc	Aberdeen, WA	\$1,436,500
Pease and Sons	Tacoma, WA	\$1,522,824
Award Construction, Inc	Ferndale, WA	\$1,587,550
Prospect Construction, Inc	Puyallup, WA	\$1,629,692

Pre-bid Estimate: \$1,333.500 (not including sales tax)

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

CONTRACT HISTORY: New Contract

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

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not Applicable

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP)

COMPLIANCE: The LEAP requirements for this project are 15 percent of the project labor hours must be worked by Local Employees and an additional 15 percent of the labor hours must be worked by Apprentices, per TMC 1.90.040.



FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Wastewater Fund 4300	ENV-04015-20-04	5330100	\$1,723,800
TOTAL			Up to \$1,723,800

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Wastewater Fund 4300	524700	6310010	\$1,723,800
TOTAL			Up to \$1,723,800

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$1,723,800, plus applicable taxes.

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes

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