



City of Tacoma

Resolution No.:

Meeting Date: March 26, 2024

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

TO: Board of Contracts and Awards

FROM: Michael P. Slevin III, P.E., Director, Environmental Services
Jordan Ennis, P.E., Civil Engineer, P.E., Science and Engineering

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

SUBJECT: North End Treatment Plant Trickling Filter Project
Architectural and Engineering (A&E) Roster Services - Contract No. CW2254273
– March 26, 2024 City Council

DATE: February 27, 2024

DS DS
GMS MPS

RECOMMENDATION SUMMARY:

The Environmental Services (ES) Department requests approval to increase Contract No. CW2254273, with Brown and Caldwell, Tacoma, WA, by \$356,088, for a cumulative total of \$2,604,009, plus applicable taxes, budgeted from the ES Wastewater Fund 4300, for additional engineering design services to include a disinfection system upgrade for the North End Treatment Plant (NETP) Trickling Filter Project.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Assure outstanding stewardship of the natural and built environment.

This project improves the natural and built environment and provides a safer city with healthy residents by constructing a new trickling filter treatment process and upgrading the disinfection system to comply with Department of Ecology (DOE) permitting regulations. The NETP is critical in protecting the overall water quality of Commencement Bay and the Puget Sound.

BACKGROUND:

ES plans to increase the scope of the NETP Trickling Filter Project to include the design of an upgrade to the existing disinfection system.

ISSUE: The current disinfection system provides chemical treatment to the plant effluent that allows the NETP to comply with the National Pollutant Discharge Elimination System (NPDES) permit regulations. As part of the Re-Rating Study Report submitted to the DOE, it was determined that an upgrade is required to meet the projected flow rates beyond 2050. This will include the addition of a dichlorination system, which will add additional operational flexibility and the ability to remove excess residual chlorine that is harmful to the aquatic life in the Puget Sound.

ALTERNATIVES: An alternative to performing this project is to take no action, which places the City at risk of not meeting NPDES permit regulations as well as not having enough treatment capacity for future anticipated growth.

COMPETITIVE ANALYSIS: A separate contract was considered for the disinfection upgrade; however, incorporating the design into the existing trickling filter project allows for an expedited delivery and improved efficiency during construction.



CONTRACT HISTORY: This contract was originally awarded to Brown and Caldwell as a result of an Architectural and Engineering Roster selection process in February 2023 via Purchase Resolution No. 41139 in the amount of \$2,247,921 plus applicable taxes. The increase would result in a new contract amount of \$2,604,009.

SUSTAINABILITY: The performance of the treatment plant has a direct impact on the water quality of Commencement Bay. In addition, Brown and Caldwell is committed to providing sustainable solutions as part of their design approach.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: Not applicable - EIC Exception: Direct Negotiation Waiver

LOCAL EMPLOYMENT AND APPRENTICESHIP TRAINING PROGRAM (LEAP) COMPLIANCE: **Not applicable**

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	ENV-04016-08-05	5330100	\$356,088
TOTAL			Up to \$356,088

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	524700	6310010	(\$356,088)
TOTAL			Up to (\$356,088)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$356,088, 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