



**Contract and Award Letter
Purchase Resolution – Exhibit “A”**

TO: Board of Contracts and Awards
FROM: Geoffrey M. Smyth, P.E., Interim Director of Environmental Services Initial
GMS
 Jordan Ennis, P.E., Engineer, Science and Engineering Division
COPY: City Council, City Manager, City Clerk, EIC Coordinator, LEAP Coordinator, and
 Stan Rowden II, Senior Buyer, Finance/Procurement
SUBJECT: North End Treatment Plant Trickling Filter Project Architectural and Engineering
 (A&E) Roster Services – Contract No. CW2254273
 – March 25, 2025, City Council
DATE: February 24, 2025

RECOMMENDATION SUMMARY: The Environmental Services (ES) Department requests approval to increase Contract No. CW2254273, with Brown and Caldwell, Tacoma, WA, by \$764,185, for a revised cumulative total of \$3,368,194, plus applicable taxes. This project is budgeted from the ES Wastewater Fund 4300 for additional engineering design services 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 enhances the natural and built environment and promotes 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 permitting regulations. The NETP is critical in protecting the overall water quality of Commencement Bay and the Puget Sound.

BACKGROUND: ES requests an increase to the engineering design services contract for the NETP Trickling Filter Project due to scope modifications that require additional design time and consultant effort.

ISSUE: The purpose of this project is to construct a new trickling filter which is an essential component of the NETP’s wastewater treatment process, providing the second stage of contaminant removal that allows the NETP to reliably meet its National Pollutant Discharge Elimination System (NPDES) permit regulations. As design progresses and various alternatives are explored, the design firm and ES recommend the following changes in scope to maximize efficiencies during construction and provide the best value to the ratepayers for this project: performing a value engineering study, including a retaining wall to relocate new utilities and avoid conflicts with existing yard piping, adding a structural assessment for the influent channel and solids holding tank, adding a coating of the trickling filter influent pump wet well, replacing contact basin gates and skimmers, replacing and relocating the existing air compressor, replacing the Parshall Flume, increasing roadway and stormwater improvements in the right-of-way, increasing environmental mitigation due to close proximity to Mason Creek, and performing additional project management and construction services due to the extended duration and project changes.

ALTERNATIVES: ES could defer the additional scope items, but this would result in higher costs and increased disruption to facility operations in future projects.



COMPETITIVE ANALYSIS: A separate design and construction contract was considered for these additional tasks. However, incorporating the value engineering study results into the current design expedites delivery, enhances construction efficiency, and reduces costs by consolidating work, ensuring the best value for ratepayers.

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 contract was subsequently increased to an amount of \$2,604,009 due to addition of scope for the design of the disinfection system upgrade. This proposed increase would result in a new contract amount of \$3,368,194.

SUSTAINABILITY: The performance of the NETP has a direct impact on the water quality of Commencement Bay. In addition, Brown and Caldwell, Inc. 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	\$764,185
TOTAL			Up to \$764,185

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater Fund	524700	6310010	(\$764,185)
TOTAL			Up to (\$764,185)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$764,185, 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