



City of Tacoma

Resolution No.:

Meeting Date: March 5, 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
Christa Lee, P.E., Principal Civil Engineer, Science and Engineering

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

SUBJECT: Puyallup Avenue Wastewater and Stormwater Trunk Main Replacement Project
Owner's Advisor Services – Contract No. CW2263809 – March 5, 2024

DATE: February 5, 2024

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GMS

RECOMMENDATION SUMMARY:

The Environmental Services Department (ES) recommends a contract be awarded to Brown and Caldwell, Tacoma, WA, in the amount of \$687,561, plus applicable taxes, budgeted from the ES Stormwater Fund 4301 and ES Wastewater Fund 4300, for Owner's Advisor Services associated with the Puyallup Avenue Wastewater and Stormwater Trunk Main Replacement Project.

STRATEGIC POLICY PRIORITY:

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

This project improves the natural and built environment and provides a safer city with healthy residents by significantly reducing stormwater flooding in the vicinity of Pacific Avenue and South 26th Street and replacing large diameter storm and wastewater sewer trunk mains that are reaching the end of their service life.

BACKGROUND:

This contract will provide Owner's Advisory Services to assist ES in executing the Puyallup Avenue Wastewater and Stormwater Trunk Main Replacement Project. ES will utilize a Progressive Design Build delivery method and Brown & Caldwell will provide Owner's Advisor Engineering Services in three distinct phases:

Phase 0 – Procurement Phase

Develop detailed procurement/delivery strategy and schedule that address specific project and ES needs, including ES's preferred risk allocation. Prepare procurement documents (Request for Qualifications [RFQ] and Request for Proposals [RFP]) and assist in the review of Statements of Qualifications and Proposals. Coordinate with ES's legal advisor regarding technical contract requirements and assist in contract negotiations with the selected Design Builder (Contractor/Design Engineer).

Phase 1 – Design Oversight and Pricing Negotiations Support

Support and supplement ES reviews of the Design-Builder's preliminary design and other submittals to identify technical issues and for conformance with preconstruction requirements. Address contract compliance questions and assist ES with negotiation of the Design Build contract for construction of the project.



Phase 2 – Final Design and Construction Oversight Support

Support ES reviews of the Design-Builder’s final design and construction submittals. Address contract compliance questions and assist with negotiations of contract amendments and change orders.

ISSUE: During intense rain events, significant flooding can occur in vicinity of Pacific Avenue and South 26th Street. This flooding can result in severe property damage and disruption to traffic. Rehabilitation of 1,200 linear feet of an unused 60-inch diameter stormwater main in this area will increase the current system capacity and reduce the likelihood of future flooding. This project will also replace approximately 1,500 linear feet of 24- to 66-inch diameter wastewater pipes (serving the majority of South Tacoma) and replace approximately 2,000 linear feet of 24- to 84-inch diameter storm sewer pipes. Both the wastewater and storm sewer pipes are reaching the end of their design life and at risk of failure.

This project will be substantial in value (planning level estimate is approximately \$60 million in total project costs) and will encompass several unique and challenging risks associated with its construction. To better manage overall project risk, ES is utilizing a Progressive Design-Build project delivery method consistent with RCW 39.10. This will help ensure ES can partner with a Progressive Design-Build team which is most qualified to deliver an overall project design and construction that will represent the best value to the City.

ALTERNATIVES: One alternative is taking no action and accepting the risk of significant stormwater flooding in Pacific Avenue and the broader vicinity. With no action, ES will also be accepting the risk of future pipe failures in the aging large diameter wastewater mains which can result in untreated wastewater overflowing into the Puget Sound or private property.

A second alternative is to not hire an Owner’s Advisor and deliver this project utilizing the more traditional design/bid/build process. This option presents significant risk to ES if the project were to encounter unforeseen underground conflicts, changes in conditions during construction, can ultimately lead to higher construction costs, and does not allow for the collaborative effort between the ES’s project management team and the selected combined engineering/construction team that is critical for the successful delivery with a project of this magnitude.

COMPETITIVE SOLICITATION:

The City solicited engineering and architectural services which was used to develop the citywide Architectural and Engineering (A&E) Roster. Three consulting firms were selected from the A&E Roster and subsequently evaluated and interviewed to find the most qualified consultant for this project. This evaluation process resulted in Brown and Caldwell as the most qualified.

<u>Respondent</u>	<u>Location</u>	<u>Score</u>
Brown and Caldwell	Tacoma, WA	1
Parametrix, Inc.	Puyallup, WA	2
Jacobs Engineering Group, Inc.	Bellevue, WA	3



CONTRACT HISTORY: New contract.

SUSTAINABILITY: The construction of additional stormwater capacity to avoid future flooding and the replacement of aging wastewater mains to avoid wastewater overflows represents the best solution with respect to the potential impact on human health and the environment.

EQUITY IN CONTRACTING (EIC) COMPLIANCE: **Not applicable - Service contract - EIC Regulations are not yet established**

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
ES Stormwater Fund 4301	ENV-03034-02-05	5310100	\$412,536
ES Wastewater Fund 4300	ENV-04026-02-05	5310100	\$275,025
TOTAL			Up to \$687,561

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
ES Stormwater Fund 4301	529700	6310010	(\$412,536)
ES Wastewater Fund 4300	524700	6310010	(\$275,025)
TOTAL			Up to (\$687,561)

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$687,561

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? YES

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