



TO: Board of Contracts and Awards
FROM: Michael P. Slevin III, P.E., Director, Environmental Services *Jo Erump*
Geoffrey M. Smyth, P.E., Division Manager, Science & Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator,
Kristy Beardemphl, P.E., and Jessica Tonka, Finance/Purchasing
SUBJECT: Jefferson and Hood Street Surface Water Interceptor Project – Owner’s Advisor Services,
Request for Qualification Specification No. CT12-0001F – February 21, 2017
DATE: February 6, 2017

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Brown and Caldwell, Inc., Tacoma, WA, in the amount not to exceed \$340,678, budgeted from the ES Surface Water Fund, for engineering Owner’s Advisor Services associated with the Jefferson and Hood Street Surface Water Interceptor Project through December 31, 2019.

STRATEGIC POLICY PRIORITY:

- Foster a vibrant and diverse economy with good jobs for all Tacoma residents.
- Assure outstanding stewardship of the natural and built environment.

The proposed project will help provide the surface water capacity necessary to support future growth in the downtown Tacoma area and also help address exiting surface water capacity restrictions the can lead to flooding.

BACKGROUND:

The proposed contract will provide engineering services to assist the City in its development and implementation of a Progressive Design-Build procurement process for the Jefferson and Hood Street Surface Water Interceptor Project. The work will include identification of engineering project constraints and alternatives; geotechnical field investigations; environmental permitting assistance; development and implementation of technical request for qualification and request for proposal documents; and proposal evaluation and negotiation support. This will allow the City to procure the services of a Progressive Design-Build team to complete the design and construct the project.

ISSUE: Currently during intense rain events flooding can occur in various areas of downtown Tacoma, including along Pacific Avenue. This flooding can result in property damage and disruption of traffic. Providing additional capacity to the City’s surface water system in this area in the form of a new 60-inch diameter interceptor pipe will help address the current capacity limitations and also allow for future growth in the downtown area.

This project will be substantial in value (planning level estimate is approximately \$10.5 million in total project costs) and will encompass a number of unique and challenging risks associated with its construction. To better manage overall project risk the City is utilizing a Progressive Design-Build project delivery method consistent with RCW 39.10. This will help ensure the City 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: The alternative is taking no action and accepting the risk of continued surface water flooding and potential additional challenges related to surface water from future development in the



downtown Tacoma area. If additional surface water capacity is not constructed, these risks will only continue to increase over time.

COMPETITIVE SOLICITATION: The City of Tacoma solicited engineering and architectural services under Request for Qualifications Specification No. CT12-0001F, dated December 5, 2011, 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 to find the most qualified consultant for this project. This evaluation process resulted Brown and Caldwell, Inc. as the most qualified.

<u>Respondent</u>	<u>Location (city and state)</u>	<u>Rank</u>
Brown and Caldwell, Inc.	Tacoma, WA	1
CH2M HILL, Inc.	Bellevue, WA	2
Carollo Engineers, Washington, P.C.	Seattle, WA	3

CONTRACT HISTORY: New contract.

SUSTAINABILITY: The construction of additional surface water capacity to help avoid future flooding represents best solution with respect to potential impact on human health and the environment.

SBE/LEAP COMPLIANCE: Not applicable.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Brown and Caldwell, Inc., Tacoma, WA, in the amount not to exceed \$340,678, budgeted from the ES Surface Water Fund, for engineering Owner’s Advisor Services associated with the Jefferson and Hood Street Surface Water Interceptor Project through December 31, 2019.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4301- ES Surface Water Utility Fund	ENV-03029-20	5330100	\$340,678
TOTAL			\$340,678

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4301- ES Surface Water Utility Fund	521900	Various Rates	\$340,678
TOTAL			\$340,678

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: Not to exceed \$340,678

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes