




TO: Board of Contracts and Awards
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer 
 Dan Soderlind, P.E., Project Manager, Public Works Engineering
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and
 Doreen Klaaskate, Finance/Purchasing
SUBJECT: Citywide Bridge Load Ratings
 A&E Roster, Request for Qualifications Specification No. CT12-0001F – August 1, 2017
DATE: July 14, 2017

SUMMARY:

The Public Works Department recommends a contract be awarded to Sargent Engineers, Inc., Olympia, WA, in the amount of \$504,329, plus applicable sales tax, budgeted from the Public Works Street Fund 1065, for professional services related to load ratings for all Tacoma bridges.

STRATEGIC POLICY PRIORITY:

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

This contract will keep all City of Tacoma bridges up-to-date with current federal laws regarding bridge load ratings.

BACKGROUND:

The Federal Highway Administration (FHWA) issued a new requirement in 2014 for bridge owners to calculate additional load ratings for all bridges. A load rating is an engineered calculation that applies the legal weight generated from a specific vehicle to ensure that an existing bridge structure will safely support the vehicle. This mandate was generated by the common industry standard of installing additional axles on trucks for the purpose of increasing the vehicle’s maximum load capacity. The FHWA divides bridges into two groups. Group 1 bridges, with span lengths less than 200 feet, require a new load rating by the end of 2017. Group 2 bridges, with span lengths greater than 200 feet, may be delayed until the end of 2022.

ISSUE: This is a federal requirement for all bridge owners. No federal or state funding has been identified to comply with this new regulation.

ALTERNATIVES: Failure to comply with the new regulation may result in the loss of federal funds on City of Tacoma transportation projects.

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 consultant firms with applicable services and experience were selected from the A&E Roster and subsequently evaluated to find the most qualified consultant for this project. This evaluation process resulted in Sargent Engineers, Inc., as the most qualified.

<u>Respondent</u>	<u>Location (city and state)</u>	<u>Rank</u>
Sargent Engineers, Inc.	Olympia, WA	1
KPFF Engineers	Seattle, WA	2
TranTech Engineers, LLC	Bellevue, WA	3



CONTRACT HISTORY: New contract.

SUSTAINABILITY: Maintaining Tacoma’s bridge system to meet all current standards provides for an efficient and safe transportation network for all users.

SBE/LEAP COMPLIANCE: Not applicable.

RECOMMENDATION:

The Public Works Department recommends a contract be awarded to Sargent Engineers, Inc., Olympia, WA, in the amount of \$504,329, plus applicable sales tax, budgeted from the Public Works Street Fund 1065, for professional services related to load ratings for all Tacoma bridges.

FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
1065_CONTR - PW Street Fund	662342	5330100	\$504,329
TOTAL			\$504,329

* General Fund: Include Department

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Motor Vehicle Fuel Tax (MVFT)	662342	6311067	\$504,329
TOTAL			\$504,329

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$504,329

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes.

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

FINANCE PURCHASING

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