



TO: Board of Contracts and Awards
FROM: Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer /KDK
Chris E. Larson, P.E., Engineering Division Manager, Public Works
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, Charles Blankenship, Finance/Purchasing and Dan Soderlind, P.E., Engineering Division
SUBJECT: Increase to Puyallup River Bridge F16A and F16B Design Contract No. 4600003988 – November 18, 2014
DATE: October 20, 2014

SUMMARY:

The Public Works Department recommends City Council increase Contract No. 4600003988 with David Evans and Associates, Inc. (DEA), by \$198,715, sales tax not applicable, for the design and preparation of plans, specifications and estimates for the Puyallup River Bridge F16A & F16B Replacement project. This increase will bring the contract to a cumulative amount of \$3,660,999, sales tax not applicable. This will be the sixth supplement to this contract.

STRATEGIC POLICY PRIORITY:

- Plan for and improve public infrastructure that meets the transportation needs of all Tacoma residents and visitors.

The replacement of these two bridge segments is the first phase of replacing this structure to keep the transportation corridor open and operating for all users of the transportation system.

BACKGROUND:

The Puyallup River Bridge has significant deterioration and is in need of replacement. DEA has provided the professional design services needed to replace bridge segments F16A and F16B. The design is complete, but the project has been on hold for over a year due to right-of-way negotiations. These right-of-way negotiations have recently become active and Tacoma will need further professional services to support this process. This supplement will increase the existing contract with DEA to provide these services.

ISSUE: The Puyallup River Bridge has significant deterioration that requires replacement. Approving this supplement will provide the necessary services that are required to advertise bids for the replacement of this bridge.

ALTERNATIVES: The alternative to continuing this contract with DEA includes the hiring of a new consultant. This would be very costly and inefficient as DEA has provided all of the design documents for this project. A new design consultant would have to produce much of the already available documents needed for this project. The “do nothing” alternative would end the project and Tacoma would have to repay \$3.5 million in federal grants.

CONTRACT HISTORY: The original contract for \$1,155,582.00, was approved by City Council Resolution No. 36296 on August 31, 2004. The original contract provided for the design to replace bridge segment F16B. Supplement No. 1 provided for several exhibits that were omitted in the original contract; the contract dollar amount remained the same. Supplement No. 2 was approved by Resolution No. 36607 on August 9, 2005, to increase the contract by \$370,785. Supplement No. 2 provided for the design of a second bridge segment (F16A). Supplement No. 3 extended the completion date; the contract dollar amount remained the same. Supplement No. 4 was approved by Resolution No. 38046 on



June 8, 2010, to increase the contract by \$1,366,849. The funds for Supplement No. 4 were necessary to design the change from a simple truss bridge to the more complicated cable stayed option. This cable stayed option was negotiated with BNSF railroad and will allow a future double stack rail line under the new bridge. Supplement No. 5 was approved by Resolution No. 38409 on January 17, 2012, to increase the contract by \$569,068, for a cumulative total of \$3,462,284, which is the current contract amount. The increase by supplement No. 5 was due to changes in the seismic code, increased sidewalk width and bridge length.

SUSTAINABILITY: The replacement of the Puyallup River Bridge on this same alignment is a sustainable action. In lieu of choosing a different alignment that would require the purchase of right-of-way and relocation of existing properties this project utilizes the existing alignment to preserve this transportation corridor. The bridge will include a shared use path to promote pedestrian and bicycle use.

SBE/LEAP COMPLIANCE: Not applicable.

RECOMMENDATION:

The Public Works Department recommends City Council increase Contract No. 4600003988 with DEA, by \$198,715, sales tax not applicable, for the design and preparation of plans, specifications and estimates for the Puyallup River Bridge F16A & F16B Replacement project. This increase will bring the contract to a cumulative amount of \$3,660,999, sales tax not applicable. This will be the sixth supplement to this contract.

FINANCE PURCHASING

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FISCAL IMPACT:

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Transportation Capital Fund 1060	PWK-00274	5600000	\$198,715
TOTAL			\$198,715

* General Fund: Include Department

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
State Grant (Dept. of Commerce)	PWK-00274	4334360	\$198,715
TOTAL			\$198,715

POTENTIAL POSITION IMPACT: N/A

POSITION TITLE	PERMANENT/ PROJECT TEMPORARY POSITION	FTE IMPACT	POSITION END DATE
N/A			
TOTAL			

This section should only be completed if a subsequent request will be made to increase or decrease the current position count.

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: N/A

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes.

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

Explain how expenditures are to be covered and if budget modifications are required.

PUYALLUP RIVER BRIDGE

F16A

F16B

F16

F16C

F16E

F16D

F16A & F16B Segments to be replaced

