



**TO:** Board of Contracts and Awards  
**FROM:** Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer *KDK*  
Dan Soderlind, P.E., Public Works Engineering  
**COPY:** City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and  
Doreen Klaaskate, Finance/Purchasing  
**SUBJECT:** Puyallup River Bridge Bearing Upgrades  
Request for Bids Specification No. PW17-0326F – December 4, 2018  
**DATE:** November 15, 2018

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**RECOMMENDATION SUMMARY:**

The Public Works Department recommends a contract be awarded to Rognlins Inc, Aberdeen, WA, for new bearings on the Puyallup River Bridge, in the amount of \$793,400.00, plus a contingency of \$80,000.00, for a cumulative total of \$873,400.00, plus any applicable taxes.

**STRATEGIC POLICY PRIORITY:**

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

This project will replace the original 1927 bridge bearings that are beyond their service life.

**BACKGROUND:**

The Puyallup River Bridge extends from Portland Avenue, crosses the Puyallup River, and connects to Milwaukee Way. This project will replace the moveable bearings supporting the bridge. The bearings are located on the steel truss spanning the Puyallup River and on the steel truss section spanning the Union Pacific Railroad. The bearings are part of the original 1927 construction and are in need of replacement.

**ISSUE:** The purpose of this project is to remove and replace the original bridge bearings for the Puyallup River Bridge. These bearings support the bridge and allow for lateral movement due to thermal expansion and contraction. The bearings have deteriorated over time and are in need of replacement. A total of eight moveable bearings will be replaced by this project.

**ALTERNATIVES:** The alternative to replacing these bearings is to close the bridge. These bearings are a part of the structural system supporting the bridge and if not replaced in a timely manner would eventually require bridge closure. The closure of this bridge would impact the surrounding region by increasing traffic on alternate routes.

**COMPETITIVE SOLICITATION:**

Request for Bids Specification No. PW17-0326F was opened October 30, 2018. No companies were invited to bid in addition to normal advertising of the project. Six submittals were received.

Rognlins Inc submitted a bid that resulted in the lowest evaluated submittal after consideration of Small Business Enterprise (SBE) participation goals.



The table below reflects the amount of the total award.

<u>Respondent</u>	<u>Location</u> <i>(city and state)</i>	<u>Submittal</u> <u>Amount</u>	<u>Evaluated</u> <u>Submittal</u>
<b>Rognlins Inc</b>	<b>Aberdeen, WA</b>	<b>\$793,400.00</b>	<b>\$793,400.00</b>
Massana Construction Inc	Tyrone, GA	\$885,588.00	\$885,588.00
WHH Nisqually Federal Services, LLC	Olympia, WA	\$899,899.00	\$899,899.00
Conway Construction Company	Vancouver, WA	\$1,086,600.00	\$1,086,600.00
Combined Construction Inc	Mukilteo, WA	\$1,192,550.00	\$1,192,550.00
Quigg Bros Inc	Aberdeen, WA	\$1,278,000.00	\$1,278,000.00

Pre-bid Estimate: \$925,000.00.

The recommended award is 16 percent below the pre-bid estimate.

Based on the estimated working days staff believes this project will result in 1,120 labor hours.

CONTRACT HISTORY: New contract.

SUSTAINABILITY: The replacement of these bridge bearings is a sustainable action in that without this work the bridge would eventually require closure. The detour route around this bridge and subsequent increase in congestion would increase greenhouse gases from vehicles.

SBE/LEAP COMPLIANCE: The recommended contractor is in compliance with the SBE regulation requirements per memorandum dated November 6, 2018. The SBE goal for this project is two percent. The SBE participation level of the recommended contractor is zero percent. Rognlins Inc is in compliance with the SBE regulation requirements. The Local Employment and Apprenticeship Training Program (LEAP) goal is 15 percent.

**FISCAL IMPACT:**

EXPENDITURES:

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Transportation Capital Fund 1060	PWK-01014-EX	53310100	\$873,400.00
<b>TOTAL</b>			<b>\$873,400.00</b>

REVENUES:

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
2010 LTGO Bond E	PWK-01014-FS-AD-01	6310010	\$683,235.00
Motor Vehicle Fuel Tax	PWK-01014-FS-AD-02	6311067	\$190,165.00
<b>TOTAL</b>			<b>\$873,400.00</b>

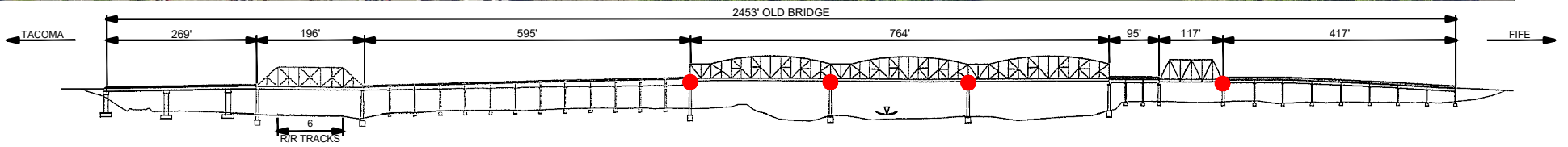
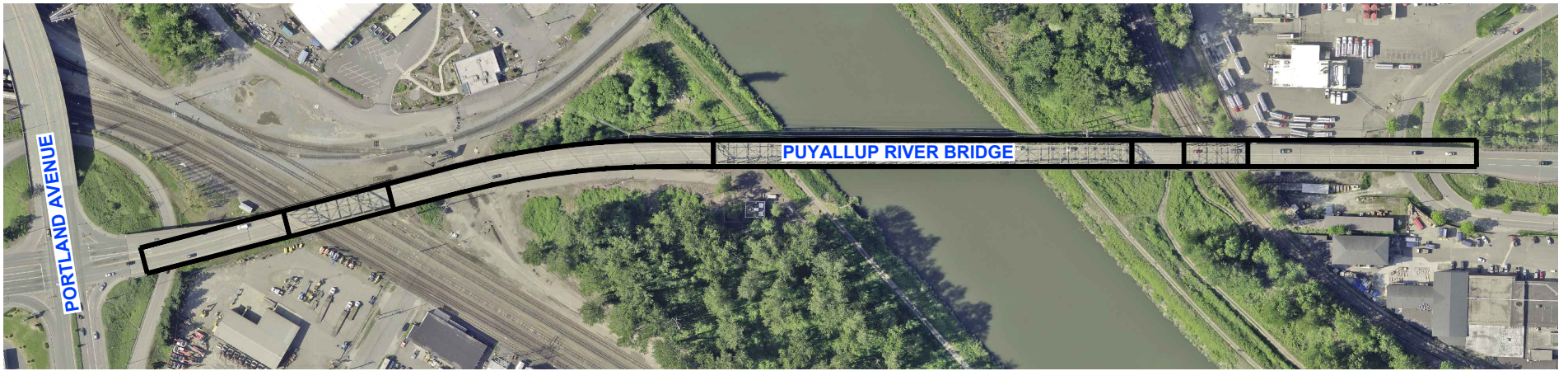


**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$873,400.00**

**ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes**

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

PUYALLUP RIVER BRIDGE BEARING UPGRADES



● NEW BEARING LOCATIONS