



**TO:** Board of Contracts and Awards

**FROM:** Kurtis D. Kingsolver, P.E., Public Works Director/City Engineer  
 Michael P. Slevin III, P.E., Environmental Services Director  
 Justin E. Davis, Facilities Management Division Manager, Public Works  
 Paul Hanna, Fleet Services Manager, Public Works

**COPY:** City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and  
 Jessica Tonka, Finance/Purchasing

**SUBJECT:** Purchase Two John Deere Hybrid Loaders, Washington State Contract 01217 –  
 April 16, 2019

**DATE:** March 26, 2019

*WPS  
MPS*

**RECOMMENDATION SUMMARY:**

The Public Works Department, on behalf of the Environmental Services Department, recommends a contract be awarded to Pape Machinery, Inc., Tacoma, WA, for the purchase of two John Deere hybrid loaders, in the amount of \$560,000, plus applicable taxes.

**STRATEGIC POLICY PRIORITY:**

- Foster neighborhood, community, and economic development vitality and sustainability.
- Encourage and promote an efficient and effective government, which is fiscally sustainable and guided by engaged residents.

These hybrid loaders will replace two loaders that are past their replacement cycles. The new loaders are more fuel efficient, producing fewer emissions, while delivering the required level of service and meeting the goal of the City’s Climate Action Plan to reduce greenhouse gas emissions.

**BACKGROUND:**

**ISSUE:** The loaders will be used to transport and load product at the TAGRO facility located at the Central Wastewater Treatment Plant. The loaders will replace W7821 and W7833, 2004 and 2008 John Deere loaders that are no longer cost effective to maintain and keep in service. W7821 and W7833 will be sold as surplus.

**ALTERNATIVES:** If this purchase is not approved, existing equipment will be subject to higher usage which will result in increased overall operating, maintenance, and repair costs as well as higher air emissions when compared to operating the proposed newer equipment. This could also affect service levels and operations at the Central Wastewater Treatment Plant and TAGRO facility.

**COMPETITIVE SOLICITATION:**

Washington State Contract 01217 was competitively solicited and includes the equipment to be purchased. The current contract term is valid through August 4, 2021. Through an interlocal cooperative purchasing agreement the City of Tacoma will purchase the vehicles at the prices, terms, and conditions of the State contract. The ability to participate in cooperative purchasing through the State contract provides the City increased savings by pooling resources to leverage the market through volume discounts.

**CONTRACT HISTORY:** New contract.



**SUSTAINABILITY:** This purchase will replace two loaders that have exceeded their replacement cycle with loaders that have higher fuel efficiency and generate fewer emissions. The new loaders will have tier 4 diesel engines that are compliant with current regulations and produce fewer emissions than both of the old loaders. The new loaders include a hybrid option with a published 25 percent reduction in fuel consumption and 50 percent reduction in noise when compared to their non-hybrid counterpart.

**SBE/LEAP COMPLIANCE:** Not applicable.

**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4300 ES Wastewater	ENV-00099-09-01	5641500	\$560,000
<b>TOTAL</b>			<b>\$560,000</b>

\* General Fund: Include Department

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
Wastewater Revenues	Various	Various	\$560,000
<b>TOTAL</b>			<b>\$560,000</b>

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$560,000**

**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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