



**TO:** T.C. Broadnax, City Manager  
**FROM:** Dale W. King, Superintendent, Tacoma Rail *DWK*  
William A. Gaines, Director Tacoma Public Utilities *WAG*  
**COPY:** City Council and City Clerk  
**SUBJECT:** Acceptance of Washington State Department of Ecology Clean Diesel Grant No. G1400624 – July 22, 2014  
**DATE:** June 27, 2014

**SUMMARY:**

Tacoma Rail requests City Council approval to enter into a Grant Agreement with the Washington State Department of Ecology for partial funding of the replacement of one switcher locomotive.

**STRATEGIC POLICY PRIORITY:**

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

This project reduces diesel emissions generated in the Port of Tacoma area.

**BACKGROUND:**

Tacoma Rail was awarded a \$200,000.00 Clean Diesel Grant numbered G1400624 by the Washington State Department of Ecology, as supplementary funding toward the replacement of one uncertified EPA Tier-0 locomotive with a certified EPA Tier-3 equipped with Automatic Engine Start/Stop (AESS) functionality to eliminate unnecessary idle and reduce diesel emissions.

Combined with the U. S. Environmental Protection Agency grant numbered 83561701 for an amount not-to-exceed \$601,949.00, based on the DERA application project amount of \$1,504,873.00, Tacoma Rail’s anticipated matching contribution will be approximately \$702,924.00 toward completion of the project.

**ISSUE:**

The Port of Tacoma is situated within the Wapato Hills/Puyallup River Valley non-attainment area for fine particulate matter. This project will aid in reducing greenhouse gas and diesel emission fine particulates in the Port/Tideflats area, and is consistent with the Port of Tacoma’s 2012 – 2020 Strategic Plan and Northwest Ports Clean Air Strategy goals, as well as City of Tacoma and Tacoma Public Utilities environmental stewardship objectives.

**ALTERNATIVES:**

An alternative would be to only replace the locomotive engine. However, using the existing locomotive as a core for a replacement is preferable, as it will result in a locomotive equipped with new components which meet all current standards with a 40+ year life cycle.

**RECOMMENDATION:**

Tacoma Rail recommends City Council approve acceptance of the Washington State Department of Ecology Clean Diesel Grant numbered G1400624 intended as supplemental funding toward replacement of one switcher locomotive.



**FISCAL IMPACT:**

**EXPENDITURES:**

FUND NUMBER & FUND NAME *	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
4500 – Tacoma Rail	RAL-00065		\$1,504,873.00
<b>TOTAL</b>			<b>\$1,504,873.00</b>

\* General Fund: Include Department

**REVENUES:**

FUNDING SOURCE	COST OBJECT (CC/WBS/ORDER)	COST ELEMENT	TOTAL AMOUNT
State of WA Dept. of Ecology	RAL-00065		\$200,000.00
Port of Tacoma IIA – EPA Grant No. 83561701	RAL-00065		\$601,949.00
Tacoma Rail	RAL-00065		\$702,924.00
<b>TOTAL</b>			<b>\$1,504,873.00</b>

**POTENTIAL POSITION IMPACT:**

POSITION TITLE	PERMANENT/ PROJECT TEMPORARY POSITION	FTE IMPACT	POSITION END DATE
<b>TOTAL</b>			

*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: \$1,504,873.00**

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