

RESOLUTION NO. R2015-06

Creates a Light Rail Vehicle Wash Heater System Project and Establishes a Lifetime and Annual Budget

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Operations and Administration Committee	06/04/2015	Recommend to Board	Bonnie Todd, Executive Director of Operations
Board	06/25/2015	Final Action	Brian Scott, Acting Manager, Business Operations

PROPOSED ACTION

Amends the Adopted 2015 Budget to create the Light Rail Vehicle Wash Heater System Project by (1) establishing a Project Lifetime Budget in the amount of \$300,000 and (2) establishing a 2015 Annual Project Budget of \$300,000.

KEY FEATURES SUMMARY

- The resolution establishes the 2015 lifetime and annual budget for the Light Rail Vehicle (LRV) Heating System. The project will improve the existing wash bay located at Sound Transit's Operations and Maintenance Facility (OMF).
- An LRV wash bay heater system will ensure the wash bay is operational during winter months, preventing pipes from freezing and breaking and eliminating the possibility of unsafe working conditions for staff.
- A budget amendment of \$300,000 is being requested to cover the costs of engineering, design, and construction for this project.
- Sound Transit will use in-house DECM staff to perform design and engineering and an existing Job Order Contract with Centennial Contractors Enterprises, Inc. for construction and installation. The project is expected to start as soon as the budget is approved and to be completed before the winter season.
- This project is exempt from the Phase Gate process because it modifies an existing Agency asset which is the wash bay located at the Link OMF.

BACKGROUND

Light rail vehicles are highly visible at stations, traveling through neighborhoods and traveling over and parallel to the freeway. Vehicles need to be kept clean year round for both customer satisfaction and to maintain a positive public presence.

Currently, the light rail vehicle wash bay located at the Link Operations and Maintenance Facility becomes inoperable when outside temperatures fall below freezing. Freezing temperatures often cause ruptured wash bay pipes and create icy, unsafe working conditions for workers and backups in the LRV cleaning process. Within a given winter, the wash bay may freeze in excess of twenty days. The installation of wash bay heaters will eliminate incremental expenses associated with damage caused by freezing temperatures and ensure a reliable cleaning schedule for light rail vehicles during the winter months.

The opening of University Link, will increase the need for reliable light rail vehicle washing and vehicle availability.

The installation of a heating system includes overhead radiant heaters, water line heat tracing, and a small unit heater in the wash bay. Some plumbing reconfiguration will be needed to ensure better drainage. The heating system will be installed in the vehicle wash bay area and the adjoining vehicle preparation area, where LRVs are inspected and their interior is cleaned prior to washing.

The wash bay heating system is being designed in-house by Design, Engineering, and Construction Management staff. The construction installation will be performed through the Job Order Contract (JOC) with Centennial Contractors Enterprises, Inc. The JOC was approved by the Board under Motion No. M2013-23.

FISCAL INFORMATION

This action creates the LRV Vehicle Wash Heater System project and establishes the initial budget. This proposed Lifetime and annual budget of \$300,000 provides adequate funding to scope, design and build the project. This project is expected to be completed and ready for the winter season of 2015.

The action is fully funded within existing agency resources.

LRV Vehicle Wash Heater System	2015 Annual Budget			Lifetime Budget		
	Adopted 2015 Project Budget	This Action	Revised Project Budget	Adopted 2015 Project Budget	This Action	Revised Project Budget
Agency Administration		\$103	\$103		\$103	\$103
Preliminary Engineering						\$
Final Design						\$
Right of Way						\$
Construction		\$197	\$197		\$197	\$197
Construction Services						\$
Third Party Agreements						\$
Vehicles						\$
Contingency						\$
Total	\$	\$300	\$300	\$	\$300	\$300

Notes:
 Amounts are expressed in Year of Expenditure \$000.
 This is a new project.

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

For Centennial Contractors Enterprises, Inc., the following goals were set and the successful Bidder/Proposer has committed to the following Small Business:

Small Business Goals

Sound Transit Goal: 20%
 Commitment: 20%

Small Business opportunities will be determined with each individual work order.

Apprentice Utilization Commitment

Apprentice Utilization Goal: 20%

PUBLIC INVOLVEMENT

Not applicable to this action

TIME CONSTRAINTS

A one month delay would not create a significant impact to the project schedule.

PRIOR BOARD/COMMITTEE ACTIONS

Resolution No. R2014-36: Adopted an annual budget for the period from January 1 through December 31, 2015.

Motion No. M2013-23: (1) Authorized the chief executive officer to execute a two-year contract with one one-year option to extend with Centennial Contractors Enterprises, Inc. for Job Order Contracting Construction Services for a total authorized contract amount not to exceed \$8,000,000, and (2) authorized the chief executive officer to execute individual work orders in amounts up to \$350,000 each.

ENVIRONMENTAL REVIEW

JI 3/13/2015

LEGAL REVIEW

LA 1 May 2015

RESOLUTION NO. R2015-06

A RESOLUTION of the Board of the Central Puget Sound Regional Transit Authority amending the Adopted 2015 Budget to create the Light Rail Vehicle Wash Heater System Project by (1) establishing a Project Lifetime Budget in the amount of \$300,000 and (2) establishing a 2015 Annual Project Budget of \$300,000.

WHEREAS, the Central Puget Sound Regional Transit Authority, commonly known as Sound Transit, was formed under RCW Chapters 81.104 and 81.112 for the Pierce, King, and Snohomish Counties region by action of their respective county councils pursuant to RCW 81.112.030; and

WHEREAS, Sound Transit is authorized to plan, construct, and permanently operate a high-capacity system of transportation infrastructure and services to meet regional public transportation needs in the Central Puget Sound region; and

WHEREAS, in general elections held within the Central Puget Sound Regional Transit Authority district on November 5, 1996 and November 4, 2008, voters approved local funding to implement a regional high-capacity transportation system for the Central Puget Sound region; and

WHEREAS, Sound Transit has an existing wash bay located at Sound Transit's Operations and Maintenance Facility (OMF) in order to keep vehicles clean year round for both customer satisfaction and to maintain a positive public presence; and

WHEREAS, the light rail vehicle wash bay located at the OMF becomes inoperable when outside temperatures fall below freezing often causing ruptured wash bay pipes and creating icy, unsafe working conditions for workers and backups in the LRV cleaning process; and

WHEREAS, an LRV wash bay heater system will ensure the wash bay is operational during winter months, preventing pipes from freezing and breaking and eliminating the possibility of unsafe working conditions for staff; and

WHEREAS, a budget amendment of \$300,000 is being requested to cover the costs of engineering, design, and construction for this project; and

WHEREAS, Sound Transit will use in-house DECM staff to perform design and engineering and an existing Job Order Contract with Centennial Contractors Enterprises, Inc. for construction and installation; and

WHEREAS, this project is exempt from the Phase Gate process because it modifies an existing Agency asset which is the wash bay located at the Link OMF.

NOW, THEREFORE, BE IT RESOLVED by the Board of the Central Puget Sound Regional Transit Authority that the following actions be approved:

Section 1: The Adopted 2015 Budget is amended to create the Light Rail Vehicle Wash Heater System Project by (1) establishing a Project Lifetime Budget in the amount of \$300,000 and (2) establishing a 2015 Annual Project Budget of \$300,000.

ADOPTED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on June 25, 2015.



Dow Constantine
Board Chair

ATTEST:


Kathryn Flores
Board Administrator