

**MOTION NO. M2017-131**
**Procurement and Installation of a Light Rail Vehicle Lift at the Link Operations and Maintenance Facility**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>
Operations and Administration Committee	11/2/2017	Final Action	Bonnie Todd, Executive Director for Operations <b>Paul Denison, Director for Light Rail Operations</b>

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a contract with Macton Corporation to procure and install a second lift in the Link Operations and Maintenance Facility in the amount of \$630,000, with a 10% contingency of \$63,000, for a total authorized contract or agreement amount not to exceed \$693,000 plus applicable taxes, contingent upon resolution of any protest received.

**KEY FEATURES SUMMARY**

- A second light rail vehicle lift is needed at the Link Operations and Maintenance Facility (OMF) to accommodate peak vehicle requirements for additional ST2 service and the corresponding increased maintenance required resulting from higher than anticipated ridership, and vehicle usage.
- One vehicle lift is insufficient for current and future maintenance needs, including the mid-life overhaul for the fleet beginning in 2018.
- The scope of work includes the design, installation, testing and commissioning of an above ground lift including all control systems, wiring, and turn tables.
- The manufacturer will provide all the warranties, training and spare parts associated with this supply and install contract.
- Applicable taxes are currently estimated to be \$69,993.

**BACKGROUND**

Sound Transit currently has a fleet of 62 light rail vehicles. Thirty-one were originally procured for Sound Move in 2003, with an option for 31 more. In 2005, four were procured for the extension to Sea-Tac Airport, and 27 were procured in 2008 to support the Sound Move University Link extension, the ST2 Angle Lake extension, and future ST2 service adds.

One vehicle maintenance lift was installed when the OMF was built in 2007. A second lift is needed for vehicle maintenance, both scheduled and unscheduled. The additional lift will support the mid-life overhaul for the fleet beginning in 2018.

Macton Corporation is expected to complete the lift design and fabrication of the lift by second quarter 2018. Sound Transit, in collaboration with Macton Corporation and Sound Transit consultant, will design the foundation and required utilities. Sound Transit will procure a separate construction contract to construct the foundation and supply the electrical panels. If the construction contract exceeds the CEO's authority, staff will return at a future date to request Board approval. The construction work is expected to be completed by third quarter 2018. After construction, Macton Corporation will install, test, and commission the lift. Link light rail anticipates being able to use the lift by fourth quarter 2018.

**PROCUREMENT INFORMATION**

An Invitation for Bid (IFB) was issued on July 13, 2017. Two bids were received. The bid from Macton Corporation was determined to be the lowest responsive and responsible bid. Therefore, contract award is recommended to Macton Corporation.

**FISCAL INFORMATION**

The authorized project allocation to date for the Link Operations & Maintenance Facility light rail vehicle (LRV) Lift is \$4,898,160. Within that amount \$3,684,240 has been allocated for the construction phase. The proposed action would commit \$762,993 to this phase, leaving a remaining uncommitted budget balance of \$2,919,661.

This action is within the authorized project allocation to date and sufficient monies remain after approval of this action to fund the remaining work in the construction phase.

**Link Operations & Maintenance Facility LRV Lift**

(in thousands)

	Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$499	\$248	\$	\$248	\$251
Preliminary Engineering	260	272		272	-12
Final Design	250	304		304	-54
Right of Way					
Construction	3,684	2	763	765	2,920
Construction Services	205				205
Third Party Agreements					
Vehicles					
Contingency					
<b>Total Current Budget</b>	<b>\$4,898</b>	<b>\$826</b>	<b>\$763</b>	<b>\$1,589</b>	<b>\$3,309</b>

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Macton Corporation				
Contract Amount	\$	\$	\$630	\$630
Contingency			63	63
Current Tax Estimate			70	70
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$763</b>	<b>\$763</b>
Percent Contingency	0%	0%	10%	10%

**Notes:**

Amounts are expressed in Year of Expenditure

Board Approvals = Committed To-Date + Contingency as of September 2017, and includes pending Board actions.

For detailed project information, see page 74 of the Adopted 2017 Transit Improvement Plan.

**SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION**

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Small Business and DBE goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

Sound Transit determined that there were few Small Business and DBE subcontracting opportunities based upon the work described in this contract, so Small Business/DBE goals were not established.

**PUBLIC INVOLVEMENT**

Not applicable to this action.

**TIME CONSTRAINTS**

A one-month delay would affect the agency's ability to meet the August 2018 milestone completion date; however, a Limited Notice to Proceed to the vendor could be issued by the end of November to avoid design delays.

**ENVIRONMENTAL REVIEW**

KH 10/25/17

**LEGAL REVIEW**

AJP 10/27/17



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A motion of the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Macton Corporation to procure and install a second lift in the Link Operations and Maintenance Facility in the amount of \$630,000, with a 10% contingency of \$63,000, for a total authorized contract or agreement amount not to exceed \$693,000 plus applicable taxes, contingent upon resolution of any protest received.

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**MOTION:**

It is hereby moved by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Macton Corporation to procure and install a second lift in the Link Operations and Maintenance Facility in the amount of \$630,000, with a 10% contingency of \$63,000, for a total authorized contract or agreement amount not to exceed \$693,000 plus applicable taxes, contingent upon resolution of any protest received.

APPROVED by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 2, 2017.



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Paul Roberts  
Operations and Administration Committee Chair

ATTEST:



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Kathryn Flores  
Board Administrator