

***Contract Modification with Mott MacDonald
for Series 3 LRV Engineering and
Inspection Services
Motion No. M2026-40***

*System Expansion Committee
10/08/2026*

Why are we here

- This motion increases the contract contingency in the amount of **\$8,700,000** to fund continued Series 3 Light Rail Vehicle project engineering and inspection consultant services contract with Mott MacDonald.
- Authorization of this motion increases the not to exceed contract total to **\$16,528,700** and is **within the existing project approved pre-baseline budget**.

 ***Within SEC Approval Authority.***

Context

- Sound Transit needs to purchase up to 125 Series 3 LRVs for ST3 Link extensions (WSLE, TDLE, EVLE, BLE and SKI).
- Series 3 LRVs are expected to be delivered and accepted between 2033 and 2036 for the base order of 70 LRVs, with the delivery of option cars extending to 2041.
- Series 3 LRV project will be supported by these two primary contracts:
 1. **Engineering Inspection contract (Mott McDonald – this contract)**
 2. **LRV manufacturer (To be considered by the Board in 2027)**

Background

- The SEC approved the three-year base contract with Mott MacDonald in 2023 with six three-year options to support the different phases of the Series 3 LRV project.
- The \$7.117 M base contract was originally scoped to deliver the RFP for publication by March 2025 and complete car builder selection by Q2 2026.
- Multiple additional iterations of draft RFP review and industry interactions were required to (1) align the Series 3 procurement scope with System Plan update, (2) add CBTC scope to Series 3, and (3) incorporate Technical Support and Spare Parts Agreement features. As a result, it required use of previously-authorized contingency and exercise of the first 3-year extension of the term to August 31, 2029

Key Features of this Action

- This contract supplies consultant and inspector resources required to procure, design, manufacture and commission Series 3 LRVs that will support operating all ST3 Link extensions.
- The work that will be performed by the consultant during the next three years will support (1) ST's selection of a car builder through Notice to Proceed (NTP) (2027) and (2) the first two years (2028 & 2029) of Series 3 LRV car builder design phase.
- Once a car builder is selected and their design and manufacturing plans are clearer, the consultant team level of effort for 2028 and 2029 work covered by this motion's funding request will be better informed.

Anticipated Schedule

- Q4 2026: Change Order to Mott MacDonald for support until car builder NTP (funded by this action)
- Q2 2027: Car builder proposal evaluation
- ***Q3 2027: Project baseline (future Board Resolution)***
- Q4 2027: Car builder NTP and contract execution (future Board Motion)
- Q4 2031: Prototype LRV substantial test completion
- Q2 2032: Delivery of 1st Series 3 LRV to Sound Transit
- Q2 2033: 1st Series 3 LRV ready for revenue service

Financial Snapshot

- The authorized pre-baseline project allocation for the Series 3 LRV project is \$33,000,000.
- The allocated budget line item for LRV Engineering Inspection services is \$16,565,000.
- This action would commit \$8,700,000 to this line item and leave a budget balance of \$36,000.

Thank you.



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