

Series 3 LRV Contract Award

Engineering and Inspection Services

M2023-64

System Expansion Committee

08/10/23

Why we are here

- Seek approval to award a three-year contract (with six three-year options to extend) to Mott MacDonald to provide engineering and inspection consultant services for the Series 3 Light Rail Vehicle project

Background - Series 3 LRV Project

The scope of the Series 3 LRV project will include all steps necessary to specify, procure, manufacture, commission, and accept new vehicles over 13 years (2023 – 2036), with an option to extend the base LRV order beyond this 13-year period by executing options for additional vehicles as outlined in the contract.



Series 1 LRV



Series 2 LRV

Today's Action – M2023-64

- Authorizes the execution of a three-year contract, (with six three-year options to extend) with Mott MacDonald to provide engineering and inspection consultant services for the Series 3 Light Rail Vehicle project in the amount of \$7,117,000, with a 10% contingency of \$711,700, for a total authorized contract amount not to exceed \$7,828,700.

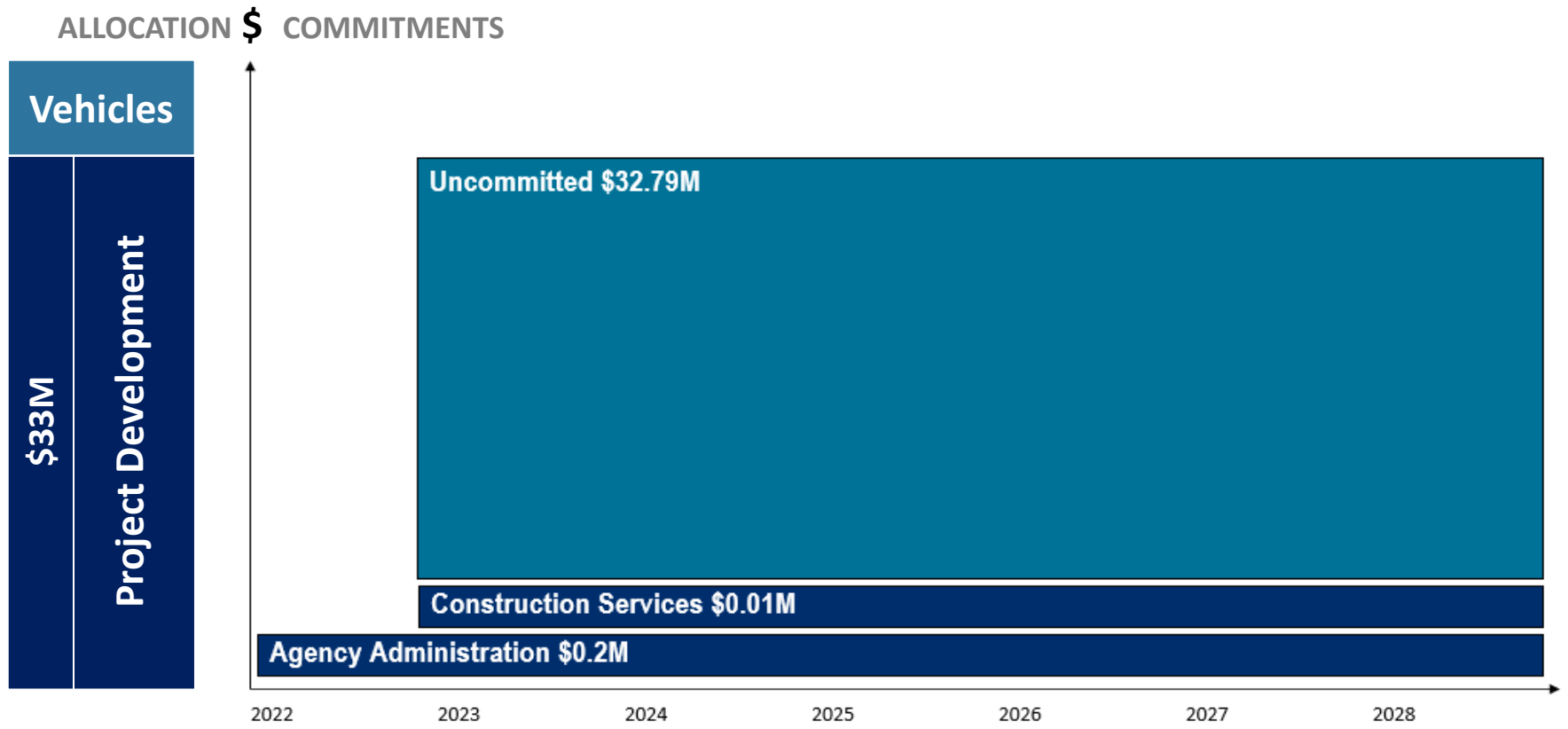
Key Features of this Action

- The amount requested will fund the base three-year contract and will cover the scope to provide support for the procurement phase of the Series 3 LRV project which includes support to:
 1. Prepare contract documents and technical specifications for the LRV procurement
 2. Prepare reports, schedules, and cost estimates for evaluating proposals
 3. Select a car builder for a base order of 106 LRVs.
- Once the car builder is selected, the team will revisit the board to receive approval for the engineering and inspection services to support the design, manufacturing, and commissioning phases of the Series 3 LRV project.

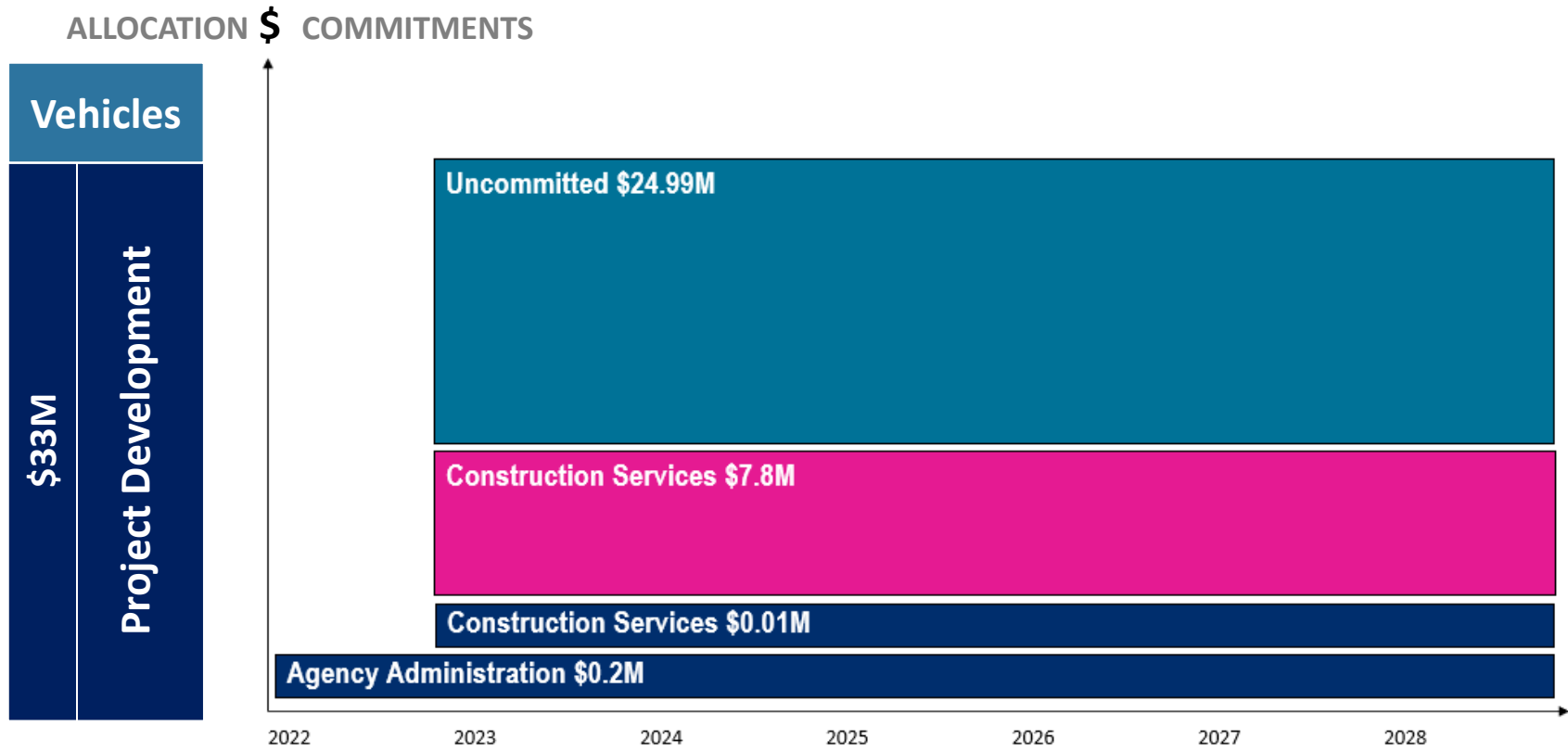
Affordability

- The current cost estimate for the Series 3 LRV project is \$2.023 billion in 2023\$ and is affordable within the Agency's Financial Plan.
- Staff are managing the project toward a 2036 delivery of the base LRV order. This delivery date adds 1-year to the Initial Target Schedules based on industry feedback that includes 6 months of float.
- This action is consistent with the schedule and financial plan adopted by the Board in Resolution No. R2021-05, and does not impact the affordability of any other system expansion project.

Series 3 LRV: Authorized Project Allocation \$33M



Series 3 LRV: Board Approves Engineering and Inspection Services \$7.8M



Thank you.



 [soundtransit.org](https://www.soundtransit.org)

