

# Caltrain Modernization Program

Major Projects (AMP)  
Committee  
December 20, 2023

Major Projects (AMP) Committee



# HATCH-LTK CONTRACT AMENDMENT

## Caltrain Staff request JPB's Approval

- An amendment to the Contract for On-Call Owner's Representative Electric Multiple Unit (EMU) Rail Vehicle Support Service for the CalMod Program with LTK Engineering Services, Inc. (doing business as Hatch LTK) to: (a) extend the contract term through December 31, 2028; and (b) increase the contract total not-to-exceed amount by \$17,087,788 from \$36,845,000 to \$53,932,788,
- This extension is within the existing budget for the Peninsula Corridor Electrification Project (PCEP), and option purchases for additional EMUs and the pilot Battery EMU (BEMU).
- CalMod Change Management Board has approved this contract amendment

# HATCH-LTK CONTRACT AMENDMENT

## BACKGROUND

- Pursuant to Resolution No. 2014-13, after a competitive procurement process, the Board awarded a contract to Hatch LTK. for a six-year base term in an amount of \$24,240,000, with (1) up to two 2-year option terms for a total not-to-exceed amount of \$8,969,000; and (2) another option for Hatch LTK to study and design the Centralized Equipment Maintenance and Operations Facility (CEMOF) and other operations and maintenance facility modifications necessary to support EMU vehicles, and to provide preliminary design for electrification of the maintenance yard, for a not-to-exceed amount of \$3,636,000.

# HATCH-LTK CONTRACT AMENDMENT

## BACKGROUND

- Pursuant to Resolution No. 2018 – 58, the Board authorized the exercise of an option to Caltrain’s contract with Stadler US, Inc. for the EMU vehicles to purchase an additional 37 cars in 2018, during the first option period of the contract with Stadler. The additional cars ordered in 2018 consisted of three seven-car EMU trainsets and sixteen additional cars to expand the original order of sixteen six-car trainsets to seven car trainsets.
- Pursuant to Resolution No. 2023 – 53, the Board authorized exercise of the contract options to authorize purchase of four additional EMU trainsets. Caltrain also exercised an option under the contract with Stadler to purchase one BEMU as a pilot project to achieve zero emission operations from Taimen to Gilroy in 2028. In total, the purchase of additional EMUs. expanded Caltrain’s EMU fleet base order from 96 cars to 161 cars (23 seven (7)-car trainsets).

# HATCH-LTK CONTRACT AMENDMENT

## HATCH-LTK SCOPE OF SERVICE

- Hatch LTK has specialized expertise to provide technical oversight, design reviews and EMU procurement planning services for the JPB's procurement and maintenance of EMU vehicles for the CalMod Program.
- JPB's project manager and technical expert on all EMU vehicle procurement, design, manufacturing, delivery, testing, commissioning, safety, warranty, and related systems integration matters
- Supporting delivery and execution for the CalMod Program including two EMU option car procurement
- In addition, Hatch LTK is the Owner's Representative and will provide technical and project management oversight for the Battery EMU demonstration train design, manufactory, delivery, testing and commissioning

# HATCH-LTK CONTRACT AMENDMENT

## HATCH-LTK SCOPE OF SERVICE

In order to accommodate PCEP's current program schedule, two EMU Options and BEMU delivery, a contract term extension from March 5, 2024, through December 31, 2028, is now needed to provide the necessary time required to ensure:

- All 16 (14+2) EMU 7- car trainsets are delivered and commissioned for the electrified service by September of 2024 and the remaining nine trainsets will be in service in order to support 116 trips per day for future electrified service.
- That one BEMU will be designed, manufactured, tested, and commissioned for Caltrain Service from Taimen to Gilroy by 2028.

# HATCH-LTK CONTRACT AMENDMENT

## HATCH –LTK CONSULTANT SERVICE COST – MARCH 2024 – DECEMBER 2028

	Labor	Travel	ODCs	Total	Contingency Labor Only (10%)	Total HATCH/LTK Contract Capacity Increase
EMU: Base plus Option 1 (19 cars)	\$ 3,745,324	\$ 864,134	\$ 46,520	\$ 4,655,978		
EMU: Option 2 (4-cars)	\$ 4,910,464	\$ 864,134	\$ 46,520	\$ 5,821,118	\$ 491,046.39	
BEMU	\$ 5,300,115	\$ 243,000	\$ 46,520	\$ 5,589,635	\$ 530,011.49	
<b>Total</b>	<b>\$ 13,955,903</b>	<b>\$ 1,971,268</b>	<b>\$ 139,559</b>	<b>\$ 16,066,730</b>	<b>\$ 1,021,058</b>	<b>\$ 17,087,788</b>

# HATCH-LTK CONTRACT AMENDMENT

HATCH –LTK TOTAL CONTRACT CAPACITY – MARCH 2014 – DECEMBER 2028

Total HATCH-LTK Contract Capacity	
2014 - 6 Years Base	\$ 24,240,000
2014 - Two Year Options	\$ 8,969,000
2014 - CEMOF	\$ 3,636,000
2014 - Total 2014 Board Approved Capacity	\$ 36,845,000
2023 - New Requested HATCH/LTK	\$ 17,087,788
Total Contract Capacity	\$ 53,932,788



# Q&A

- **Questions / Comments?**

FOR MORE INFORMATION

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