

# Award of Contract for EMU Technical Support and Spare Supply Services

JPB Board Meeting  
December 5, 2024



# Proposed Action

- Award single source contract to Stadler US Inc.
  - Not-to-exceed \$71,640,363
  - Five-year term
- Contract scope
  - EMU maintenance technical support
  - EMU systems set up and management
  - EMU materials and spare supply services
- Budget was accounted for within the current FY25 operating budget and in strategic financial plan (SFP)\*

\*SFP to be updated in January 2025



# Context

# Need

- Key focus: Ensure reliable service and equipment longevity for 23 EMU trainsets (all on property by 2027)
- PCEP / Operations identified EMU maintenance program need
- Assessment
  - Current In-house capability insufficient
  - Require additional expertise for interim period of time to set up robust systems and train staff
  - Build in-house experience over time
  - COTs brake system overhaul expertise

# Solution

- Focus
  - Obtain EMU expertise to ensure appropriate maintenance program
  - Achieve cost certainty
- Obtain EMU manufacturer services
  - Supplement in-house labor with technical experts who will also provide training
  - Obtain proprietary systems for material and spare parts management
  - Ensure direct access to materials and spare parts
  - Pursue fixed-price service
- Target sufficient in-house capability by year 5

# Contract Proposal

# Scope of Service

- Expertise & Training
  - Provide dedicated 24/7 on-site technical support
  - Develop training program for JPB and TASI
  - Implement Rail Data Services (RDS) for all EMU diagnostics
  - Implement Stadler Rail Maintenance System (SRMS) as the asset management system
- Materials
  - Supply materials required for scheduled and corrective maintenance
  - Supply materials required for overhauls
  - Perform material and spare parts management

# Stadler & TASI Work Tasks

## Stadler

- Material and spare supply inventory and management
- Maintenance planning and data analyses
- Procure all material
- Help Desk technical support
- Train TASI preventive and corrective maintenance
- Overhaul Brake System COTs
- Implement SRMS & RDS

## TASI

- Daily Inspection
- 92-Day Inspection
- Preventive and scheduled maintenance
- Perform repairs
- End user of SRMS and RDS
- Additional training



# Proposed TSSSA Price

Scope Component	Price
Labor	\$12,824,119
Scheduled and Preventive Maintenance Materials	\$24,170,148
License Fee (up to 250 users)	\$2,544,108
Overhaul Materials/Spares/Brake System (capital)	\$32,101,988
<b>CONTRACT TOTAL</b>	<b>\$71,640,363</b>

# Single Source Justification

# Single Source Justification

- Stadler US Inc. is Caltrain EMU manufacturer and supplier
- Stadler has requisite experience and skills to provide technical support, spare supply, and material management services
- Stadler has uniquely experienced to train TASI to provide future maintenance
- Stadler has needed proprietary software and information, specifically its Stadler Rail Maintenance System (SRMS) and Rail Data Services (RDS)
- Stadler is uniquely qualified to integrate these services to ensure EMU system integrity and reliability
- Stadler is the only vendor with technical qualification and FRA compliance
- Independent Cost Estimate (ICE) is required for Single Source Justification

# Additional Rationale

- No other viable competitor
- Given need for Stadler unique qualifications, potential under pricing from other vendors would not be acceptable
- Price certainty would be achieved and would not impact the 10-year Financial Plan projection
- Avoids 6 months time plus labor and materials costs associated with procurement process

# Budget Impact

- FY25-26 budget will not be impacted. Adequate costs were assumed in the approved budget.
- Conducted independent cost estimates
- Benefits to fixed cost
- The 10-year Strategic Financial Plan (SFP) projection included O&M and labor costs. SFP will be updated in January 2025.
- Annual performance review will be conducted during Contract Term

# Staff Recommendation

- **Award** a single-source contract to Stadler US Inc. to provide Technical and Supply Spare Service for a not-to-exceed total contract amount of \$71,640,363 for a five-year term.
- **Authorize** the Executive Director or designee to execute a contract with Stadler US Inc. in full conformity with the terms and conditions set forth in the negotiated agreement, and in a form approved by legal counsel.

FOR MORE INFORMATION

[WWW.CALTRAIN.COM](http://WWW.CALTRAIN.COM)

