

Award of Contract for EMU Technical Support and Spare Supply Services

TOPS Committee
Agenda Item 6
NOVEMBER 20, 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 December

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

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 6

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 schedule maintenance
- 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
CONTRACT TOTAL	\$71,640,363

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

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 December.

Staff Recommendation

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- **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

