



ITEM ID: 2023-352-0

TRANSMITTAL DATE: November 9, 2023

MEETING DATE: November 17, 2023

TO: Board of Directors

FROM: Arnold Hackett, Chief Financial Officer

SUBJECT: Contract No. EP235-24 - Bombardier Passenger Railcar HVAC Overhaul - Recommendation to Award - Locomotive Climate Solutions, LLC

Issue

The Authority's Bombardier passenger rail car fleet is in need of overhaul and rebuild work for the Heating, Ventilating, and Air Conditioning (HVAC) units in order to ensure uninterrupted service and a safe and comfortable environment for Metrolink passengers.

Recommendation

It is recommended that the Board authorize the CEO to award Contract No. EP235-24 to Locomotive Climate Solutions, LLC (LCS) for the Bombardier Passenger Railcar HVAC Overhaul project. The requested total not-to-exceed contract funding authorization of \$2,003,331.12 is comprised of \$1,246,609.12 for the overhaul of a base order of 87 HVAC Units, and \$756,722.00 for the overhaul of an option order of up to 50 HVAC units. The term of this contract is effective upon issuance of Notice to Proceed (NTP) and continues through acceptance of all HVAC units and completion of the warranty period, including satisfactory resolution of all warranty claims. The award is subject to resolution of any timely filed protests.

Strategic Commitment

This report aligns with the following Strategic Business Plan Commitment of:

- **Safety is Foundational:** We will stay on the leading edge by deploying new technologies and processes to enhance the safety and security of our riders, our fellow employees, and the communities we serve; and

- **Customers are our Business:** We respect and value our customers, putting them at the heart of all we do, and work hard to attract and retain new customers by understanding their needs and finding new and innovative ways to delight them. The HVAC overhaul services to be performed under this contract will ensure a safe and comfortable rail car environment for Metrolink passengers.

Background

Maintaining a reliable HVAC system for Metrolink trains is crucial for passenger comfort and safety in the Southern California climate. This overhaul of Bombardier Rail Car HVAC units should significantly improve the fleet's reliability and overall passenger experience. In response to the Federal Government Environmental Protection Agency's phase-out plan, a critical aspect of this project also involves the replacement of the current HVAC refrigerant R22 into a more readily available alternative R407C.

Discussion

On July 21, 2023, the Authority issued Request for Proposals (RFP) No. SP235-24 for Bombardier Passenger Railcar HVAC Overhaul services. The RFP was posted on the Authority's online procurement portal and notifications were sent to 940 registered firms. The Authority also advertised the RFP in publications in the five member counties and in diversity newspapers. Thirty-six prospective bidders viewed the RFP on the procurement portal. Ten prospective proposers attended the virtual Pre-Proposal Conference held on August 8, 2023. The Authority received and answered 61 questions. The RFP included the following Evaluation Criteria:

- A. Past Experience, Qualification of Proposer: 10%
- B. Contractor Capability – Rebuild and Overhaul: 25%
- C. Quality and Reliability – Configuration Management and Testing: 20%
- D. Deliverables – Documents and Special Tools: 10%
- E. Warranty and post-warranty: 5%
- F. Price: 30%

The Authority received three proposals by the submission due date of September 20, 2023, all of which were deemed responsive to the procurement requirements.

A Technical Evaluation Committee comprised of internal subject matter experts evaluated and scored the three Technical Proposals according to the five technical evaluation criteria listed above (A-E). The cost proposals were then scored based on the calculation formula published in the RFP. The final scores for the three proposers are as follows:

	Alstom Transportation, Inc.	Locomotive Climate Solutions, LLC	RAM Industrial Services, LLC
Technical Score	57.25	52.25	57.25
Price Score	14.54	30.00	17.38
Total Score	71.79	82.25	74.63

Locomotive Climate Solutions, LLC was found to be the highest ranked proposer when combining technical and cost factors, with a total score of 82.25. Locomotive Climate Solutions, LLC's price proposal of \$2,038,322.21, which covers the cost of the base order of 87 HVAC units and option order of up to 50 HVAC units, was \$502,374.72 (19.80%) below the Authority's Independent Cost Estimate (ICE) of \$2,540,696.93, which was prepared prior to proposals being submitted. However, after negotiations, LCS revised its price proposal to \$2,003,331.21, with no change to the Scope of Work (SOW), which is \$537,365.81 (21.20%) below the Authority's ICE.

ICE	\$2,540,696.93
Initial Proposed Price	\$2,038,322.21
Final Negotiated Price	\$2,003,331.21

Staff has deemed LCS' Final Negotiated Price to be fair and reasonable. Staff has also confirmed that LCS is a responsible supplier, based on the successful delivery of another Authority project and on references received from other entities including North County Transit District (CA), Denton County Transportation Authority (TX), TEXRail (TX), and Tri-Rail (FL).

Budget Impact

The amounts for the base order (\$1,246,609.12) and option order (\$756,722.00) for which contract authority is requested, are included in the FY22 Rehabilitation Budget.

Next Steps

Upon Board approval of the award, staff will execute a contract with LCS and issue a Notice to Proceed (NTP) for the base order which is currently expected to be completed in the 3rd Quarter of 2027.

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Approved by: Arnold Hackett, Chief Financial Officer

Attachment(s)

[Presentation - EP235-24 HVAC Overhaul](#)