To: Chairman Smedberg and the VRE Operations Board

From: Doug Allen

Date: July 21, 2017

Re: Authorization to Issue an Invitation for Bids for the Repair and Overhaul of Passenger Car Wheelchair Lift Systems

Recommendation:

The VRE Operations Board is asked to authorize the Chief Executive Officer to issue an Invitation for Bids (IFB) for Repair and Overhaul of Passenger Car Wheelchair Lift Systems for a period of a base year and 4 option years.

Background:

Each VRE Gallery IV passenger car is equipped with two Wheelchair Lift systems; one lift is located on each side of the car within the vestibule step arrangement. Each lift is designed to provide access for people confined to a wheelchair or people who have difficulty climbing steps.

The wheelchair lift carriage assembly has moving parts, friction guides, gears, switches, high pressure hydraulic lines, hydraulic rams and various other parts that deteriorate with age. The wheelchair lift pump boxes and control panels also contains switches, hydraulic pumps and hoses, that also deteriorate with age. A failure of any of these components can render the lift inoperable and possibly cause delays to the equipped train or additional trains later in the schedule.

The oldest of the Gallery IV cars, at ten years, are the cab cars, which are also equipped with the most frequently used wheelchair lifts. The lifts on these cars experience the most frequent failures due to the aging components and require repair and overhaul to ensure optimal operation.
Invitation for Bids is the preferred and normal method of procurement suitable when seeking bids to provide goods and services at a firm-fixed price. This method is utilized when there is a complete, adequate, precise specification or purchase description. Award is made based on price alone without discussions or negotiations with the Bidders.

The scope of work for the IFB includes disassembly, inspection repair, overhaul and testing of the wheelchair lift assemblies, pump boxes and control panels. The mechanical contractor will remove and replace the Wheelchair Lift Systems as part of the on-going life cycle maintenance strategy.

Upon receipt of the bids, staff will return to the Board to request authorization to award the contract.

**Fiscal Impact:**

This project is included in the CIP for Equipment Asset Management Program for FY 2018 funded through an annual allocation of FTA 5337 (State of Good Repair) grants.
Virginia Railway Express
Operations Board

Resolution
8B-07-2017

Authorization to Issue an Invitation for Bids for the Repair and Overhaul of Passenger Car Wheelchair Lift Systems

WHEREAS, passenger cars are equipped with wheelchair lift systems to provide access for people confined to a wheelchair or people who have difficulty climbing steps; and,

WHEREAS, the oldest wheelchair lift systems in the fleet are nearing ten years of age and show signs of deteriorating components and experience more frequent failures; and,

WHEREAS, the repair and overhaul the wheelchair lift systems in FY 2018 aligns with the lifecycle maintenance plan established for passenger cars;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to issue an Invitation for Bids for the Repair and Overhaul of Wheelchair Lift Systems.

Approved this 21st day of July 2017

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Paul Smedberg
Chairman

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Katie Cristol
Secretary