



VIRGINIA RAILWAY EXPRESS
OPERATIONS BOARD

Agenda Item 9-A
Action Item

To: Chair Bohmke and the VRE Operations Board

From: Rich Dalton

Date: February 16, 2024

Re: Authorization to Execute a Sole Source Contract for Locomotive Data Recording System-Video Upgrades

Recommendation:

The VRE Operations Board is asked to authorize the Chief Executive Officer to execute a Sole Source Contract with Wabtec Railway Electronics for Locomotive Data Recording System-Video (LDRS-V) Upgrades in the amount of \$795,288, plus a 10 percent contingency of \$79,529, for a total amount not to exceed \$874,817.

Summary:

The current video data recording systems onboard VRE's fleet of locomotives and cab cars are reaching the end of their useful life. Additional video storage capacity, faster processors, and the latest cybersecurity enhancements are needed to ensure VRE's fleet of locomotives and cab cars meet future performance requirements and mandates under the Fixing America's Surface Transportation (FAST) Act.

Background:

In 2016, VRE purchased LDRS-Vs for its fleet of locomotives and cab cars. This system captures both inward and outward facing video data, event recorder data, and contains a crash hardened memory. Video storage capacity, processing speeds, cybersecurity enhancements, and camera quality have improved significantly in the industry since 2016 thus necessitating upgrades to the system.

Wabtec Railway Electronics is the Original Equipment Manufacturer (OEM) for the LDRS-Vs currently installed on VRE's fleet of locomotives and cab cars. Since this technology is



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Transportation Commission
2300 Wilson Blvd., Suite 230
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703-524-3322



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Transportation Commission
14700 Potomac Mills Road
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proprietary to Wabtec, no other supplier or contractor is able to provide the upgrades needed to improve system functionality.

This non-competitive purchase is in accordance with the following Section of the VRE Public Procurement Policy and Procedures Manual:

6.8.2.1 The item is available only from one responsible source because: (a) It involves a unique or innovative concept or capability not available from another source. Unique or innovative concept means a new, novel, or changed concept, approach, or method that is the product of original thinking, the details of which are kept confidential or are patented or copyrighted and is available to the recipient only from one source and has not in the past been available to the recipient from another source.

A sole source determination has been made in accordance with state and federal requirements, and VRE Procurement Policies, and public notice will be provided.

Fiscal Impact:

Funding for the LDRS-V Upgrades to LDRS-V+ will be provided through Federal formula funds (Section 5337–State of Good Repair) and associated local match.

**Virginia Railway Express
Operations Board Resolution**

9A-02-2024

**Authorization to Execute a Sole Source Contract for Locomotive
Data Recording System-Video Upgrades**

WHEREAS, Locomotive Data Recording System-Video are required under the Fixing America's Surface Transportation Act; and,

WHEREAS, additional video storage capacity, faster processors, and the latest cyber security enhancements are needed to ensure VRE's fleet of locomotives and cab cars meet future performance requirements and mandates; and,

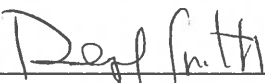
WHEREAS, Wabtec Railway Electronics is the original equipment manufacturer for the Locomotive Data Recording System-Video; and,

WHEREAS, Wabtec Railway Electronics is the only supplier that can provide the necessary system upgrades because of the proprietary nature of the technology; and,

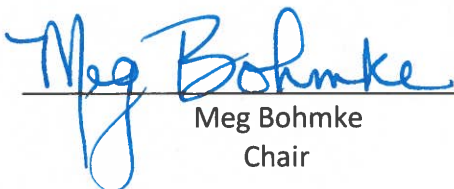
WHEREAS, in accordance with state and federal requirements, and VRE Procurement Policies, a determination has been made, and public notice thereof will be provided, that because Wabtec Railway Electronics is the only supplier/contractor able to upgrade our current system from Locomotive Data Recording System-Video to Locomotive Data Recording System-Video+, this qualifies as a sole source procurement;

NOW, THEREFORE, BE IT RESOLVED THAT, the VRE Operations Board does hereby authorize the Chief Executive Officer to execute a Sole Source Contract with Wabtec Railway Electronics for Locomotive Data Recording System-Video Upgrades, in the amount of \$795,288, plus a 10 percent contingency of \$79,529, for a total amount not to exceed \$874,817.

Approved this 16th day of February 2024



Ralph Smith
Secretary



Meg Bohmke
Chair