

***Award a PADS &
ROCS Improvement
Contract to
Wabtec***

**JPB Finance Committee
February 23, 2026**



Staff Request

- **Award a sole source Contract to Wabtec** for the PADS & ROCS Improvement for a total not-to-exceed of **\$856,789**, and for a sixteen-month term.
- **Authorize the Executive Director** or designee to **execute the contract with Wabtec** in full conformity with the terms and conditions of the negotiated agreement, and in a form approved by legal counsel.

Background

- In 2019, the JPB entered into a sole source agreement with ARINC, Inc. (Contract No. 19-J-T-110) to provide maintenance and support services for the ROCS and PADS systems.
- Effective June 9, 2022, ARINC's Surface Transportation business was acquired by Wabtec Transportation System, LLC. JPB consented to the assignment to continue the Services through August 31, 2025.
- Wabtec holds proprietary ownership and licensing rights for the ROCS, PADS, and SCADA systems.

Sole Source Justification

- Staff determined that a sole source contract award is justified:
 - Wabtec is the only vendor with proprietary rights and technical capability to support and maintain Caltrain's current Train Control Systems: ROCS, PADS, and SCADA
 - These systems were developed by ARINC, which was acquired by Wabtec in 2022
 - Wabtec possesses exclusive access to the software source code, design specifications, and diagnostic tools required to maintain these systems
 - Engaging a different vendor would pose significant operational and safety risks due to lack of access to proprietary system architecture

Scope of Work

To improve customer experience, train dispatch operations, and operations planning by upgrading existing Predictive Arrival and Departure System (PADS) passenger information system and Rail Operations Control System (ROCS) computer-aided dispatch system.

- Update ROCS interface to the field to accept newly available status data
- Update ROCS software to process new data for use by PADS, Dispatch graphical user interface, and reports
- Update PADS software to:
 - Utilize newly available field data to enhance the train prediction algorithm
 - Enhance station messaging during train arrival, boarding, and departure
 - Improve single-tracking station message handling
 - Provide industry standard and MTC511 compliant GTFS real-time data feed

Performance Improvement

- These upgrades provide various performance improvements:
 - Enhance train real-time prediction algorithm and station messaging during train arrival and boarding to improve customer experience
 - Improve station messaging during atypical operations such as single-tracking
 - Achieve partner agency real-time data compliance for modern social media and trip planning tools
 - More accurate on-time performance reporting for Dispatch Operations & Planning
 - Leverage equipment status data to potentially improve maintenance response and planning
 - Incremental update to PADS extends its useful life
 - Makes new field data available for other systems and future expansion

Wabtec Proposal Price Analysis

SCOPE OF SERVICE	PRICE - Five Year Term
Total Wabtec Contract	\$ 856,798

- Staff conducted a price analysis and determined Wabtec's prices are fair and reasonable.

Budget Impact

- The Project budget has sufficient amount to cover this proposed contract cost.

Proposed Motion

- 1. Award a sole source Contract to Wabtec** for the PADS & ROCS Improvement for a total not-to-exceed, for a sixteen-month term. of \$856,798
- 2. Authorize the Executive Director** or designee to **execute a Contract with Wabtec** in full conformity with the terms and conditions of the negotiated agreement, and in a form approved by legal counsel.

Questions

FOR MORE INFORMATION

WWW.CALTRAIN.COM

