

## Transportation Committee

Meeting date: June 28, 2021

For the Metropolitan Council meeting of July 14, 2021

<b>Subject:</b> Positive Train Control (PTC) Software Support, Amendment #3 Contract 17M165
<b>District(s), Member(s):</b> All
<b>Policy/Legal Reference:</b> FM 14-2 - Expenditures for the Procurement of Goods and Services Policy
<b>Staff Prepared/Presented:</b> Anthony Hebert, Director Commuter Rail (612-349-7083)
<b>Division/Department:</b> Metro Transit/Commuter Rail

### Proposed Action

That the Metropolitan Council authorizes the Regional Administrator to execute a sole source Amendment #3 to Contract 17M165 with Wabtec Railway Electronics, Inc. (WRE) for maintenance and support of Positive Train Control software for a total contract amount not to exceed of \$684,147.07.

### Background

Metropolitan Council first entered into a contract (14P056) with WRE on December 18, 2015 for equipment, installation, and application of engineering of a Positive Train Control (PTC) system on commuter rail revenue equipment.

PTC is a federal mandate because of the Rail Safety Improvement Act of 2008 whereby all Class 1 railroads must be PTC equipped and operational by 12/31/2015. In November of 2015 Congress passed an extension to the federal mandate pushing back the mandate until 12/31/2018 with a possible extension to 2020. Northstar Commuter Rail was fully equipped with PTC and operational in 2017.

PTC or positive train control is a communication / base train control technology that includes equipment on the trains and along the railroad right of way or wayside.

This equipment which works together, is used to prevent.

- Train to train collision
- Overspeed derailments
- Speeding into established work zones limits
- Movement of a train through a red signal or improperly positioned main line switch.

A separate contract (17M165) was signed on March 3, 2018 adding ongoing maintenance and support services for the I-ETMS On-Board Support System for the PTC system. The Time of Performance provision (VII, 7.01) options up to four (4) additional one-year periods. Two amendments have been

approved. Amendment No. 3 will add two additional years and \$245,726.43 to the Contract. This Amendment will bring the Contract total to \$684,147.07.

### **Rationale**

The requested action will authorize the Regional Administrator to execute a contract amendment extension with WRE to continue software support for Commuter Rail's Positive Train Control System.

### **Thrive Lens Analysis**

This purchase enables the continuation of safe operation of the PTC system to allow commuter rail transportation for residents throughout the metro area linking them to jobs, education, shopping, and events.

### **Funding**

Funding for this item is in the Commute Rail operating budget.

### **Known Support / Opposition**

None.