

Business Item

Transportation Committee



Committee Meeting Date: June 26, 2023

For the Metropolitan Council: July 12, 2023

Business Item: 2023-117

Northstar SCADA and PACIS System into Light Rail Systems

District(s), Member(s):	All
Policy/Legal Reference:	FM 14-2 Expenditures for the Procurement of Goods, Services, and Real Estate Policy
Staff Prepared/Presented:	Michael Guse, Project Manager Rail Technical Operations, 612-341-5759
Division/Department:	Metro Transit, Light Rail Transportation

Proposed Action

That the Council authorize its Regional Administrator to negotiate and execute a sole source agreement with Wabtec to program Northstar SCADA and PACIS into the existing Light Rail systems in an amount not to exceed \$800,000.

Background

Northstar and Light Rail systems use Supervisor Control and Data Acquisition (SCADA) and Public Address and Customer Information Systems (PACIS). When both systems began their operations the monitoring of each was in separate locations. In 2012, all rail operations monitoring transferred to the Rail Control Center.

The primary location for these workstations are at the RCC, the Emergency Backup Center (EBC), and one work station in Big Lake at the Northstar facility. The LRT system monitors station platforms, electrical, signal systems and it also controls train movements. Whereas the Northstar system monitors Northstar stations, the BNSF Railway controls NorthStar train movements.

When the systems are merged, we will be able to access they system from any of the fourteen desks in the RCC and EBC.

Rationale

The execution of a professional services contract exceeding \$500,000 requires Council approval.

Thrive Lens Analysis

This contract will advance the Thrive Outcomes of Prosperity, Equity, and Sustainability through investment in high-quality transportation options that make the region more economically competitive through increased workers' access to employment, and support to employers by increasing available workforce with affordable, convenient transportation; distributing transit resources throughout the region and improving access to jobs, educational opportunities, and health services to diverse communities; and ensuring the region's existing transit resources are maintained in a state of good repair, thereby providing efficient and reliable service.

Funding

Funding for this project has already been secured through the Capital Improvement Project process. Project # 68514 Nstar Station PA/ARINC SCADA system upgrade and # 68410 Northstar RCC Software systems upgrade.

Small Business Inclusion

This project is being procured through a sole source agreement. Therefore, the Office of Equity and Equal Opportunity did not assign a Disadvantaged Business Enterprise (DBE) goal.

