

Committee Report

Transportation Committee



Committee Meeting Date: December 9, 2024

For the Metropolitan Council: December 11, 2024

Business Item: 2024-338 SW

TSP Mobile Hardware Upgrade, Contract 24P288

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to negotiate and execute a sole source contract 24P288 with ACT Traffic Solutions to provide and install vehicle computer units (VCUs) and bus antennas used for transit signal priority (TSP) for bus upgrades in an amount not to exceed \$697,300.

Summary of Transportation Committee Discussion/Questions

Metro Transit ITS Engineer Claire Curd and Acting Manager of Bus Transportation Systems Juan Villanueva presented this item. The committee had no further questions.

Motion by Morales, seconded by Carter, Tyronne. Motion carried. Hearing no objection, Chair Barber stated the item may proceed Consent to Council.



Business Item

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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:	Lesley Kandaras, General Manager, (612) 349-7513 Brian Funk, Deputy General Manager, COO, (612) 349-7514 Juan Villanueva, Acting Mgr., Bus Technology Systems, (612) 349-7574 Claire Curd, Project Manager, (612) 349-7171
Division/Department:	Metro Transit

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to negotiate and execute a sole source contract 24P288 with ACT Traffic Solutions to provide and install vehicle computer units (VCUs) and bus antennas used for transit signal priority (TSP) for bus upgrades in an amount not to exceed \$697,300.

Background

Metro Transit's current hardware is not capable of performing desired TSP operations on several existing and future local and bus rapid transit routes with TSP capabilities, including intended queue jump operations on Route 4 and B Line. Upgrading buses with the compatible generation of onboard VCUs allows the TSP system to operate with its full desired functionality.

This upgrade will ensure current, up-to-date hardware will continuously operate with stability in the field and meet local governments' requirements for devices placed in traffic signal cabinets. Further, as the TSP system grows, the upgrade will allow accommodation to increased intersections throughout the metro area with TSP implementations.

The Council is dependent upon a stable, secure, transit-services system in order to conduct its daily business. The EMTRAC system utilizes secure wireless communications to enable buses to request priority through signalized intersections.

The EMTRAC hardware is part of a proprietary system provided to the Council by ACT Traffic Solutions. A sole source is required so that the TSP system continues to work with the Council's existing hardware.

Rationale

The execution of a goods and service contract exceeding \$500,000 requires Council approval.

Thrive Lens Analysis

This contract will advance the Thrive outcomes of Stewardship and Sustainability by supporting the critical transportation services provided across the region.

Funding

Local capital funding for this item is in Metro Transit Project 68321, TSP Mobile Hardware – State of Good Repair Program.

Small Business Inclusion

This contract is being procured through a sole source. Therefore, the Office of Equity and Equal Opportunity did not assign a Metropolitan Council Underutilized Business goal.

