

Transportation Committee

For the Metropolitan Council meeting of July 14, 2021

Subject: Trapeze/TransitMaster Sole Source for Bus Hardware Upgrade 21P163

Proposed Action

That the Metropolitan Council authorize, award and execute sole source contract 21P163 with Trapeze Group, in the amount not to exceed \$1,389,999 for Bus Hardware Upgrade.

Summary of Committee Discussion/Questions

Rick Paulson, Project Manager for Metro Transit, presented Business item 2021-154. No questions were asked upon completion of the business item.

Motion by Zeran and seconded by Fredson. CONSENT to Council.

Transportation Committee

Meeting date: June 28, 2021

For the Metropolitan Council meeting of July 14, 2021

Subject: Trapeze/TransitMaster Sole Source for Bus Hardware Upgrade 21P163

District(s), Member(s): All

Policy/Legal Reference: Expenditures for the Procurement of Goods and Services Policy FM 14-2

Staff Prepared/Presented: Wes Kooistra, General Manager, (612) 349-7510
Brian Funk, Acting Deputy General Mgr, COO, (612) 349-7514
David Hanson, Assistant Director, Field Operations, (612) 349-7460
Gary Nyberg, Manager Transit Control Center Technology, (612) 349-7303
Rick Paulson, Project Manager, (612) 349-7346

Division/Department: Metro Transit

Proposed Action

That the Metropolitan Council authorize, award and execute sole source contract 21P163 with Trapeze Group, in the amount not to exceed \$1,389,999 for Bus Hardware Upgrade.

Background.

Current hardware has reached end of life (EOL). Upgrading buses with the compatible generation onboard computers called Intelligent Vehicle Logic Units (IVLU's) allows Transit Control Center (TCC) Supervisors to provide better direction to operators and for operators to have more accurate, organized, and detailed messages and detour information. Also allows Bus Technology Systems group and Radio Communication group easier management of diagnostics, lowering the failure rate of buses and increasing more accurate data for TCC and reporting. These upgrades include,

- Messages that can be better organized/ categorized/ filtered on the bus MDT (mobile display screen the operator interacts with),
- Detour Routing/ Service Adjustment information and optionally Regular Route turn-by-turn navigation,
- Enhanced diagnostics and issue reporting capabilities (TransitMaster and other systems on the bus).

Rationale

The Council is dependent upon a stable secure transit services system in order to conduct our daily business. This hardware upgrade will allow ongoing operational stability while allowing the system to grow that supports mass transit across the region. Upgrading buses with the compatible generation IVLU's allows Transit Control Center Supervisors to provide better direction to operators and for operators to have more accurate, organized, and detailed messages and detour information. Also allows Technology Systems group and Radio Communication group easier management of diagnostics. Lowering the failure rate of buses and increasing more accurate data for TCC and reporting.

Sole source is required due to software and hardware being proprietary and cannot be purchased elsewhere. TransitMaster is a proprietary system provided to the Council by the contractor Trapeze Software Group, Inc.

Thrive Lens Analysis

The transit support services agreement is needed to continue the critical transportation services this software provides across the region. This supports the Thrive outcomes of stewardship and sustainability.

Funding

Local capital funding for this item in Metro Transit Project 68800 TransitMaster Mobile HW Replace/Migration.

Known Support / Opposition

No opposition is known at this time.