

Transportation Committee

Meeting date: January 13, 2014

For the Metropolitan Council meeting of January 22, 2014

Subject: Authorize a contract change order with Siemens for procuring Automatic Passenger Counter Equipment on an additional 30 Light Rail Vehicles

District(s), Member(s): All

Policy/Legal Reference: Low Floor Light Rail Vehicle Contract 09P157

Staff Prepared/Presented: Brian Lamb, General Manager, 651-349-7510

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Division/Department: Metro Transit/ Central Corridor Project Office

Proposed Action

That the Metropolitan Council authorize a change order with Siemens in an amount of \$695,851 to the Low Floor Light Rail Vehicle (LRV) contract to provide for the procurement of automatic passenger counter equipment (APC) on an additional 30 LRV's.

Background

The Technical Specification for the Type 2 light rail vehicles requires that all vehicles be wired for automatic passenger counter equipment. Currently 29 of the 59 LRV's have APC equipment installed. This change order will provide equipment for the balance of the 30 Type 2 LRV's being manufactured by Siemens.

Rationale

APC equipment on LRV's provides detailed information on the passenger boarding and alighting counts at each station on each trip. Sensors at each door detect people as the walk in and out of the train and then transfer the data to a central system for tabulation and reporting. This information is essential for reviewing and adjusting service frequency to meet passenger demand, ensuring adequate train capacity during peak periods, planning for special event service and staffing, collecting and validating ridership information, developing facility maintenance and security plans, and planning for bus service connections to the rail lines. Currently, similar information is collected manually and only in partial samples on an infrequent basis. Installing APC's on LRV's will improve the quality and quantity of information collected at a lower operating cost.

Funding

Funding is available for the procurement of APC equipment on an additional 30 LRV's in Council Approved Capital Budget, Metro Transit Project 65317 titled "LRV Automated Passenger Counters (LRV/APC)". This funding does not come from the CCLRT Full Funding Grant.

Known Support / Opposition

No known opposition.