

T Transportation Committee

Meeting date: October 24, 2011

Metropolitan Council Meeting: November 9, 2011

ADVISORY INFORMATION

Date:	October 13, 2011
Subject:	Approval for Council Supplied Radio Equipment for New Light Rail Vehicles
District(s), Member(s):	All
Policy/Legal Reference:	Full Funding Grant Agreement
Staff Prepared/Presented:	Brian Lamb, General Manager 612-349-7510 Mark Fuhrmann, Deputy General Mgr. 651-602-1942 Rich Rovang, CCLRT Project Director 651-602-1941
Division/Department:	Metro Transit/ Central Corridor Project Office

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to negotiate and award a contract to E. F. Johnson Technologies for 128 sets of Radio Equipment to be installed in light rail vehicles in an amount not to exceed \$314,380.80.

Background

Siemens Industry Inc. has the contract to build a base order of 41 light rail vehicles (31 Central Corridor Green Line, 10 Blue Line Hiawatha). Options were exercised for 18 additional vehicles (16 Central Corridor Green Line, 2 Blue Line Hiawatha) on September 29, 2011. Each of these vehicles requires 2 sets of radio equipment, one set for each cab. This brings the total radio sets required to 118 with 10 spare sets.

An Invitation for Bids (IFB) for the subject project was issued August 30, 2011, and invitations to obtain bidding documents sent to 28 firms. Four bids were received and evaluated on September 28, 2011. Bids ranged from \$314,380.80 to \$371,752.21. The Project Manager's cost estimate was \$423,168. Staff has determined that E. F. Johnson Technologies is a responsive bidder, and the Project Manager finds them responsible to perform the task. Staff recommends award of this federally funded project to E. F. Johnson Technologies in an amount not to exceed \$314,380.80.

Rationale

As was specified in the Technical Specification for the procurement of Type 1 Hiawatha vehicles and duplicated for the Central Corridor Type 2 vehicles, the 800MHz radio equipment is to be supplied by the Council. This equipment includes; radio transceiver, radio control head, loudspeaker, radio headset jack and radio antenna. The Contract with E.F. Johnson Technologies includes the necessary software and training for the Radio Shop to support, repair and maintain the equipment.

Funding

Funding for the radio equipment to be installed in the 47 Central Corridor Green Line vehicles (79.7% of the total contract) is available within the Central Corridor budget. Funding for the equipment to be installed in the 12 Blue Line (Hiawatha) vehicles (20.3% of the total contract) is available in Project 65111.

Known Support / Opposition

No known opposition