

Transportation Committee

Meeting date: January 22, 2018

For the Metropolitan Council meeting of January 24, 2018

Subject: Purchase of Eight Electric Transit Buses and Six Chargers

District(s), Member(s): All

Policy/Legal Reference: Project No. TBD

Staff Prepared/Presented: Brian Lamb, General Manager, 612-349-7510
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Division/Department: Metro Transit Bus Maintenance

Proposed Action

That the Metropolitan Council authorizes the purchase of eight (8) electric 60-foot buses and six (6) chargers for use on the C-line Bus Rapid Transit (BRT) corridor, for an amount not to exceed \$12,601,519.68, with expected delivery in 2018/2019. This project will provide expanded and improved transit service on the Penn Avenue Corridor.

Background

To proceed with this procurement, Metro Transit will need an electric bus procurement contract with New Flyer Inc., that allows for the purchase of 8 electric buses and 6 chargers. This will be a sole source procurement due to prior commitment

Rationale

Operating electric BRT buses will provide Metro Transit with the potential to reduce energy consumption, lower lifetime maintenance costs and reduce fleet emissions. Examples of additional benefits of electric transit buses over diesel include: no engine oil changes, no diesel oxidation catalyst and diesel particulate filter cleaning, increased brake life, fewer moving parts and reduced noise emission.

Thrive Lens Analysis

An electric bus and chargers contract advances Thrive through the Lens of promoting regional prosperity for everyone, by continuing to serve residents who depend on transit.

Funding

Metro Transit will need an electric bus procurement contract with New Flyer Incorporated that allows for the purchase of 8 electric buses and 6 chargers. This will be a sole source procurement due to prior commitment related to the 2017 Low/No Emissions FTA discretionary grant award and funds budgeted in the 2018-2023 Capital Improvement Project (CIP).

Known Support / Opposition

There is no known opposition to this purchase.