



Legislation Text

File #: 21-1912, **Version:** 1

Resolution to Approve the Purchase of One Rear Loading Electric Refuse Truck from Bell Equipment Company (Sourcewell - \$601,205.00)

The attached resolution authorizes the purchase of one 2022 Peterbilt 520 EV truck chassis with a Heil Durapack 5000 25-yard rear loading packer body at a total cost of \$601,205.00 from Bell Equipment Company for use by the Public Services Area, Public Works Unit.

Heil Corporation was awarded Contract Number 091219-THC by the Sourcewell cooperative purchasing program for refuse trucks and Bell Equipment Company of Lake Orion, MI, is the dealer of record for Heil Corporation in the State of Michigan.

The proposed purchase will be the City's second all-electric refuse truck, enhancing the City's commitment to carbon reduction. The purchase is consistent with many of the City's established sustainability efforts including the Green Fleets Policy and the A² ZERO Plan.

The Peterbilt EV chassis is designed for 10 hours of refuse collection and has a full battery recharge time of 4-8 hours depending on the size of the DCFC (direct current fast charger) being installed. Like other electric vehicles, the truck generates no emissions, minimal noise, and operational and maintenance cost are expected to be significantly reduced from the diesel chassis version of this truck. Peterbilt also has an existing service infrastructure for their trucks in SE Michigan. The truck will require the purchase and installation of a DCFC charger at the Wheeler Service Center which is not part of this resolution.

This electric rear loading refuse truck will replace an existing diesel powered refuse truck from the City's fleet of refuse trucks.

Bell Equipment Company complies with the requirements of the City's Conflict of Interest and Non-Discrimination ordinances.

Budget/Fiscal Impact: Funding for this purchase is available in the FY22 Fleet Services Fund operations and maintenance budget. The City has recently accepted a Fuel Transformation Program grant from the State of Michigan Department of Environment, Great Lakes, and Energy in the amount of \$406,811.00 which will be applied towards the purchase of this vehicle. Replacement funds collected for the refuse truck being removed from service will be used towards the balance of this purchase.

The truck will be added to the Fleet Fund for future replacement purposes with a cost of approximately \$93,500.00 annually charged to the Solid Waste Fund operations and maintenance budget based on the seven-year depreciation schedule for refuse trucks.

Green Fleet Policy: At their November 3, 2021 meeting, the Green Fleet Committee approved the need for the purchase of this vehicle, that the proposed purchase is consistent with the Green Fleet

Policy, and recommended the approval of this resolution. The Sustainability and Innovations Manager has concurred with the actions of the Committee.

Prepared by: Molly Maciejewski, Public Works Unit Manager
Matthew J. Kulhanek, Fleet & Facilities Unit Manager

Reviewed by: John Fournier, Assistant City Administrator

Approved by: Milton Dohoney Jr., Interim City Administrator

Whereas, The Fleet & Facilities Unit needs to purchase a new refuse truck for the City's Fleet;

Whereas, The City has accepted grant funding from the Michigan Department of Environment, Great Lakes, and Energy through the Fuel Transformation Program to replace a diesel powered vehicle with an all-electric refuse truck;

Whereas, Competitive bids were received by the Sourcewell cooperative purchasing program;

Whereas, Heil Corporation received the contract for refuse trucks and Bell Equipment Company of Lake Orion, MI, is the dealer of record for Heil Corporation in the State of Michigan;

Whereas, Bell Equipment Company complies with the requirements of the City's Conflict of Interest and Non-Discrimination Ordinances; and

Whereas, Adequate funds for the purchase of this vehicle in the amount of \$601,205.00 are available in the FY2022 Fleet Fund Operations and Maintenance budget;

RESOLVED, That City Council approve the issuance of a purchase order to Bell Equipment Company in the amount of \$601,205.00 for the purchase of one 2022 Peterbilt 520 EV all electric truck chassis with a Heil Durapack 5000 25 yard rear loading packer body;

RESOLVED, That funds for the purchase of this vehicle are to be available without regard to fiscal year; and

RESOLVED, That the City Administrator be authorized to take the necessary actions to implement this resolution.