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EMAIL info@cswd.net
TEL (802) 872-8100

www.cswd.net

To: Executive Board of Commissioners
From: Josh Estey, Director of Compliance and Hazardous Waste,
Kayli Barber, Construction Project Manager
Date: January 12, 2024
Re: Procure 2024 EV Truck for Replacement of the Hazardous Waste Rover

Background

The Rover, CSWD's mobile household hazardous waste collection truck, is due for replacement. Currently, the truck is a 1999 International 4700 Diesel that averages 8-9 MPG. This is considered a weight class 6 Vehicle. In support of the State's climate action plan, CSWD is looking for opportunities to reduce greenhouse gas emissions from their transportation fleet, limit the use of substances that contribute to climate change, and promote best management practices towards gas emission reduction. In addition, purchase of an EV truck would downsize costs (oil changes/maintenance) associated with a larger weight class 6 diesel truck to a weight class 2 electric truck. The new truck will provide lower total emissions of greenhouse gases, criteria pollutants, and hazardous air contaminants. The other intention with the purchase of this vehicle is to offer it as a pool vehicle for other District staff when not being used for Rover events, Local Color deliveries, or plowing activities, furthering GHG reductions.

Research of suitable Electric Vehicles for the Rover Program

To replace the current Rover, research was conducted to determine trucks that would suit District needs. There are five electric pick-up trucks on the market that are suitable for use as a Rover in terms of power and Range (all over 240-mile range fully charged). The least expensive model is the Ford F-150 Lightning with a base MSRP of \$54,995.

Tax Credit for Electric Vehicles

The 2024 Ford F-150 is eligible for a \$7,500 tax credit. Because CSWD is tax-exempt, we will investigate our option of receiving the tax credit as a rebate or as a credit on the sale of the vehicle.

Utilizing State Contract to Procure EV Truck

The State of Vermont has several contracts that have gone through vendor vetting and negotiation of price and are listed on multiple award schedules. Many of the State Contracts have a provision built into the contract which allows for Political Subdivisions, higher education institutions and municipalities to utilize this contract. McGee Ford of Montpelier has a contract with the state and a competitive list price for the Ford F-150. District staff are proposing to use this state contract in lieu of going through our own RFB process. The state contract will be further vetted to ensure it meets the current standard of the district RFB process.

Additional Costs

District staff are awaiting a quote from a licensed electrician to install a level two EV charger at the Environmental Depot. Staff have also had conversations with representatives from the City of South Burlington to discuss the installation of chargers at 19 Gregory Drive. Those conversations are ongoing, and we've learned that the City plans to install chargers at this location at some point in the near future.

We will also be negotiating with the vendor for an extended service warranty to provide a level of comfort with this new to CSWD technology. We anticipate a slight learning curve and want adequate service backup should it be needed.

Funds have been previously earmarked in the FY23 Capital Budget for a Rover replacement with an estimated cost of \$115,000.

Be it resolved that the Executive Board of Commissioners authorizes the Executive Director to utilize the State of Vermont's contract with McGee Ford of Montpelier, VT to purchase a model year 2024 Ford F-150 Lightning for a price not to exceed \$75,000 and to contract with a licensed electrician to install a fixed level two EV charging station, with a total project cost not to exceed \$100,000.