



Legislation Text

File #: 23-162, **Version:** 1

STRATEGIC PRIORITY: Transportation & Infrastructure
AGENDA DATE: June 28, 2023
COUNCIL DISTRICT(S): All
DEPARTMENT: Department of Equipment and Fleet Management
EXECUTIVE: Dr. Robert Perez

SUBJECT

Authorize a ten-year cooperative purchasing agreement for the purchase of electric vehicle charging infrastructure and charging management software with Ford Motor Company through the Florida Sheriff's Association Cooperative Agreement - Not to exceed \$12,325,026.00 - Financing: Equipment and Fleet Management Fund (subject to annual appropriations)

BACKGROUND

In May 2021, the City Council authorized a contract award to the National Renewable Energy Laboratory (NREL) to conduct a Fleet Electrification Feasibility Study in support of the Comprehensive Environmental Climate Action Plan (CECAP). The study was completed in May 2022 and later briefed to the Environmental Commission, Environmental and Sustainability Committee and the City Council.

With the City Council adoption of the FY 2023 Budget, the Department of Equipment and Fleet Management (EFM) was provided funding to purchase electric vehicles (EV), EV infrastructure and software. Also, EFM has applied for several grants with Texas Commission on Environmental Quality and will continue to seek grant awards and other funding resources to offset the cost of electrifying the fleet. The costs of the electric vehicle supply equipment will be capitalized with the purchase of electric vehicles and funded by existing fleet replacement dollars. The charge management software will allow the City to collect data, implement controls on fuel consumption, monitor usage and more efficiently operate the electric vehicle fleet.

In alignment with CECAP and the NREL Fleet Electrification Feasibility Study, EFM has ordered 96 electric vehicles since August 2022. EFM will continue to convert the fleet through validation analysis. This analysis confirms that an EV will meet the work requirements for staff along with validate that the install of charging infrastructure is feasible. EFM is partnering with the Building Services Department to utilize resources already under contract to perform the installation services for charging infrastructure. Also, EFM will work with City departments to provide the necessary training and education to vehicle operators so the transition to EV is seamless.

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

The Environmental Commission was briefed regarding this matter on June 8, 2022.

The Environmental and Sustainability Committee was briefed regarding this matter on August 1, 2022.

The City Council was briefed on the “Update of Fleet Initiatives” on November 2, 2022.

FISCAL INFORMATION

| Fund | FY 2023 | FY 2024 | Future Years |
|-------------------------------------|--------------|----------------|-----------------|
| Equipment and Fleet Management Fund | \$581,027.00 | \$1,232,502.60 | \$10,511,496.40 |

OWNER

Ford Motor Company

1 American Road
Dearborn, MI

James Farley, CEO
William Clay Ford, Executive Chair