



City of Detroit

EV Charging Stations and Data Sharing Contract Summary

Submitted to:

City of Detroit City Council

Submitted by:

Office of Mobility Innovation (OMI) & General Services Department (GSD)

Date

July 17th, 2023

The City of Detroit (City) realizes that the automobile industry is trending towards plug-in electric vehicles (EVs) in an effort to reduce carbon emissions and mitigate climate change. The City's goal is to have widespread and equitable publicly accessible EV charging infrastructure across Detroit.

The City desires to enter into a revenue generating contract with Detroit-based Red E Charging, LLC, the selected vendor following an open and competitive bid process, which also includes the use of Level 2 charging stations from Dunamis Charge, a local female and Black-owned manufacturer. The Contractor shall design, build, own, operate and maintain publicly accessible self-service EV charging stations in the public right-of-way and on City-owned property throughout the City of Detroit, including furnishing and installing hardware with accompanying software implementation. The Contractor shall be responsible for all costs associated with the deployment of EV charging station infrastructure, shall collect revenue for providing EV charging services to vehicle owners, and shall pay a portion of that revenue to the City under this model. This will all be done at no cost to the City of Detroit. Furthermore, the Contractor and City will share data to ensure successful integration with the City's parking enforcement services, as several of the targeted deployment sites are at paid parking locations.

This contract is designed with three consecutive phases, each as described further below:

- 1) **Site Preparation, Construction, and Installation** – Will commence upon the beginning of the term of the contract and continue for a period not to exceed 12 months.
 - a. Up to 22 sites under construction or completed
 - b. Up to 30 DC fast charging stations and 70 Level 2 EV charging stations
- 2) **EV Charging Station Ramp Up, Testing, and Acceptance** – Will commence upon conclusion of phase #1 and continue for a period of not more than 24 months from beginning of the term of the contract.
 - a. All remaining sites requested by the City of Detroit and agreed upon by the Contractor
 - b. Approximately an additional 10-20 DC fast charging and 100-200 Level 2 charging stations
- 3) **EV Charging Stations Operations Phase** – Will begin at the end of phase #2 and shall continue for the duration of the term of the contract.

The City and the Contractor shall work together to confirm the final number and other important details of EV charging stations to be delivered by the Contractor pursuant to this contract no later than one hundred twenty (120) days after beginning of the contract term. Once those details are confirmed, the City shall deliver a notice to the Contractor confirming the EV charging stations' details in writing.

In addition, the EV charging station network created by this contract will:

- Increase access to EV charging for Detroiters, which can encourage residents to transition to EVs sooner
- Sync up with the City's parking enforcement system so that users can seamlessly pay for parking (as needed) when accessing EV charging stations
- Use EV charging technologies that meet the requirements and specifications of DTE's Charging Forward Business EV Charger Rebate program, including locally manufactured Level 2 charging technologies
- Support local, minority-owned businesses
- Meet or exceed all current federal requirements for EV charging station deployments
- Generate revenue for the City (approx. 10% of total revenue)

The Office of Mobility Innovation and General Services Department are excited to work with Red E Charging, LLC to begin design and construction of this network to support the transition to electrified transportation throughout the City of Detroit.