



FINAL REPORT FOR AB 2766 DISCRETIONARY FUND

CONTRACT ML 18136

CITY OF ORANGE

June 8, 2022

Prepared for the Mobile Source Air Pollution Review Committee (MSRC) under the
AB 2766 Discretionary Fund Work Program.

Acknowledgements

The City of Orange would like to thank the following entities:

Clean Transportation Funding from MSRC

MSRC Staff for their assistance answering questions and providing grant procedures

South Coast Air Quality Management District

City of Orange Public Works Department
Maintenance and Fleet Divisions

MEMA Municipal Equipment Maintenance Association

Government Fleet Magazine

This report was submitted in fulfillment of ML 18136 and Zero Emission Electric Vehicle Project by City of Orange under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of November 30, 2020.

Disclaimer

The statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or the South Coast Air Quality Management District (SCAQMD). The mention of commercial products, their sources or their uses in connection with material reported is not to be construed as either an actual or implied endorsement of such products.

Project Description & Work Performed

The City of Orange is replacing existing City vehicles with ultra-low or zero emission vehicles. At a minimum, new City vehicles shall be low emission vehicles as defined by the California Air Resource Board with vehicle types that are currently available in the marketplace. The scope of work included the purchase of four (4) 2018 Ford Focus to replace three (3) existing gas fueled vehicles that exceed their normal service life and required replacement. The fourth EV has been added to the fleet for our Police Department, used for our Crime Prevention Division.

Unit / Department	Vehicle	Model Year	Delivered	Vendor	Inv #	Inv Date	PO#	PO Date	In Service Date
1793 - Police Dept	Chevrolet Bolt	2019	12/5/2018	Selman Chevrolet Co.	190739	11/27/2018	110983	9/24/2018	12/10/2018
1804 - Fire Dept	Chevrolet Bolt	2019	12/5/2018	Selman Chevrolet Co.	190762	11/27/2018	110983	9/21/2018	12/13/2018
1832 - Police Traffic	Chevrolet Bolt	2020	1/8/2020	Selman Chevrolet Co.	200643	1/8/2020			1/9/2020



Orange Police Department
1107 N. Batavia St.
Unit # 1793
In Service 12-10-18



Orange Fire Department
176 S. Grand St.
Unit # 1804
In Service 12-13-18

Orange Police Department
1107 N. Batavia St.
Unit #1832 (65-Traffic)
In Service 1-9-20



Problems Encountered

Ford Motor Company discontinued the EV Focus for model year 2018. We therefore switched to the Chevrolet Bolts pictured above. The purchase of the fourth vehicle and two Level II EVSE Charging Stations are temporary on hold due to the current economic climate.

Emissions Benefits

The City of Orange's commitment to reducing its carbon footprint as well as fiscally healthy community by protecting air, water and energy resources from pollution and overuse.

Photographs & Outreach

The outreach plan was implemented through the City of Orange's Facebook page.



City of Orange California - Municipal Government

22 hrs · 🌐

A Greener Fleet

The City of Orange is always looking for ways to be environmentally responsible while still being good stewards of the public's tax dollars. In a City that encompasses over 25 square miles, the vehicles used by our City workers rack-up a lot of use. Recently, when we needed to replace some of them, we turned to alternative energy vehicles as a way to reduce our energy usage and carbon footprint.

Three all-electric Chevy Bolts have replaced traditional internal combustion vehicles in the Public Works fleet. These new cars emit no pollution, and are 100% clean air vehicles. There is no need to take these to the gas station, they recharge at stations that have been installed at City Hall and other City owned facilities.

Our Public Works Department recently retired two large-haul vehicles and replaced them with CNG powered trucks. The new dump truck and sewer equipment truck will be providing service to our residents and businesses for many years to come. Compressed Natural Gas, or CNG as it is more commonly known, releases less pollution than gasoline, including significantly less CO₂, carbon monoxide, sulfur oxides, and other harmful chemicals.

All five vehicles were funded via clean air grants from multiple agencies.

Summary and Conclusion

Provide for a safe community – Provide staffing and resources to deliver services that ensure public safety.

Provide and maintain infrastructure necessary to ensure public safety

Be a fiscally healthy community – Expend fiscal resources responsibly.

Protect air, water and energy resources from pollution and overuse.

Work toward replacing existing City vehicles with ultra-low or zero emission vehicles. At a minimum, new City vehicles shall be low emission vehicles as defined by the California Air Resources Board, except if certain vehicle types are not available in the marketplace. Public safety vehicles are exempted from this requirement.

Infrastructure goal: Ensure adequate maintenance of public rights-of-way to enhance public safety and improve circulation.

Public Safety Element Goal: Provide public safety services of the highest quality.



CITY OF ORANGE

FLEET SERVICES

PUBLIC WORKS DEPARTMENT

MAINTENANCE DIVISION

(714) 532-6480

FAX: (714) 532-6444

Letter of Certification

Re: Contract No. AB 2766 – ML 18136

This letter certifies that the City of Orange has received Four of Four (Chevy Bolts) listed below and placed them into regular service. The vehicles have been partially funded through the above-mentioned AB2766 Discretionary Fund Contract.

Unit / Department	Vehicle	Model Year	Delivered	Vendor	Inv#	Inv Date	PO#	PO Date	In Service Date
1793 - Police Dept	Chevrolet Bolt	2019	12/5/2018	Selman Chevrolet Co.	190739	11/27/2018	110983	9/24/2018	12/10/2018
1804 - Fire Dept	Chevrolet Bolt	2019	12/5/2018	Selman Chevrolet Co.	190762	11/27/2018	110983	9/21/2018	12/13/2018
1832 - Police Traffic	Chevrolet Bolt	2020	1/8/2020	Selman Chevrolet Co.	200643	1/8/2020	112311	10/8/2019	1/9/2020
2119-DPW Facilities	Chevrolet Bolt	2020	11/5/2020	National Auto Fleet Grp	WC8067	11/3/2020	113420	8/24/2020	11/30/2020

Matthew Lorenzen
Sr. Contract Administrator
714-532-6488

Please submit all invoices for vehicle reimbursement.

