



City Of Lynwood
Public Works Department
Contract ML 18048A
Final Report- Purchase of (3) Heavy Duty Zero
Emission Vehicles

June 9, 2020

Prepared for the Mobile Source Air Pollution Review Committee (MSRC) under the the AB2766 Discretionary Fund Work Program.

Acknowledgements

Mobile Source Air Pollution Reduction Review Committee (MSRC)

MSRC staff for their assistance with questions regarding grant submission

South Coast Air Quality Management District (AQMD)

City of Lynwood, City Council

City of Lynwood, Public Works Department

City of Lynwood, Lynwood N' Perspective News Letter

This report was submitted in fulfillment of ML 18048A purchase of (3) Heavy Duty Zero-Emission Vehicles by the City of Lynwood under the partial sponsorship of the Mobile Air Pollution Reduction Review Committee (MSRC) Project was completed on August 28, 2018.

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 (South Coast AQMD). The mention of commercial products, their sources, or their uses in connection with material reported herein is not to be construed as either an actual or implied endorsement of such products.

Scope, Purpose, Background

On February 6, 2018, City of Lynwood's Public Works staff submitted a staff report on the City's participation in the MSRC Local Government Partnership Program for the purchase of Electric Vehicle (EVs). The City Council approved to utilize AB 2766 funds and the MSRC fund allocation to purchase three new electric vehicles from Zenith Motors - A Zenith Electric Shuttle Van and two Zenith 350 Cargo Vans. The project falls in the area within the eligible project criteria for the MSRC funding: Contract No. ML18048A Contract Amount \$93,500 to purchase three zero-emissions vehicles for the Fiscal Year 2018.

Public Works staff pursued pricing for three Heavy Duty Zero-Emission Vehicles. The City of Lynwood (City) took delivery of one (1) 2018 Zenith Dodge ProMaster Passenger and two (2) 2018 Zenith ProMaster Cargo (EVs) vehicles in August 2018. The City of Lynwood has various charging stations for the electric vehicles located in the Lynwood City Hall parking structure (11330 Bullis Road) and in the Public Works Yard (11750 Alameda St.).

Location	Year	Make	Model	Description	VIN	State Tag #	Garaging Location	Type
Lynwood, City of	2017	Zenith	Passenger Van	Passenger Van	3C6URVUG2HE509495	N/A	11330 Bullis Rd.	Private Passenger
Lynwood, City of	2018	Zenith	Cargo Van	Cargo Van	3C6URVJG1JE141837	N/A	11330 Bullis Rd.	Truck
Lynwood, City of	2018	Zenith	Cargo Van	Cargo Van	3C6URVJG7JE140322	N/A	11750 Alameda St.	Truck

The City is committed to lowering the City's carbon footprint and look into clean air vehicles. The City has taken action to reduce its emissions and become a more sustainable community through the purchase of electric vehicles. Adding, cleaner, and more efficient vehicles to the City's fleet will provide major financial benefit and increase the City's ability to reduce greenhouse emissions.

Barriers Encountered

A barrier faced by the City was the intricate process of registering a modified (EV's) since the vehicles are not originally electric from the dealership. The process involves the submission of a modified vehicle registration application to California DMV. This involved rebranding the vehicle to Zenith since it was modified at their facility for registration submission. Additionally, the vehicles had to go through a rigorous process involving inspections of the vehicles, weighting the vehicles, and then getting approval for the registration. After the approval of the vehicle's registration, the City resume services and assigned the vehicles to Public Works and Recreation and Community Services Department.

Photographs and Outreach

The City's outreach plan includes a press release in the Lynwood N' Perspective Newsletter for the April 2020 issue. The newsletter acknowledges, and display the vehicles purchased with MSRC and AB2766 funding. Additionally, the MSRC logos, as noted in the photographs, are placed on the rear passenger and driver rear end of the vehicle.



The City of Lynwood Proudly Adds Three New Electric Shuttles to its EV's Fleet

The City of Lynwood proudly purchased three new electric 2018 Dodge ProMaster shuttle and cargo vans adding the (EV's) to its fleet. The new electric vehicles (EV's) will have a new home at both the Recreation and Public Works departments. The City of Lynwood continues to push towards reducing greenhouse gas emissions and air pollutants affecting the environment while promoting green alternatives. With the assistance by Clean Transportation Funding from the Mobile Source Air Pollution Reduction Review Committee (MRSC) of a grant of \$93,500, Lynwood was able to purchase and add three 2018 Dodge ProMaster vans to its EV's fleet. The vehicles were awarded to the City of Lynwood through the MSRC Local Government Partnership. Program.



The City of Lynwood has accomplished many green alternatives with the installation of its public EV charging stations and upgrading its city electric vehicles. The City of Lynwood previously installed EV charging stations at the following locations:

- Lynwood City Hall 11320 Bullis Road, Lynwood (4 stations with 2 ports each open to the public)
- Lynwood Public Works Yard 11750 Alameda Street, Lynwood (3 stations with 2 ports each)

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Summary and Conclusions

As previously stated, the vehicles come with tremendous benefits in reducing greenhouse emissions locally while saving on natural resources, and it produces no NOx. The vehicles are a success, due to the ability to transport cargo, and added benefit to the Recreation Department in assisting with community events. The City of Lynwood welcomes with open arms the additions to the City's fleet.