



# FINAL REPORT

February 8, 2021

Contract # ML18154

**City of Hemet**

**Purchase and Install Two Limited Access Level II EV Charging Stations and  
Purchase Two Light-Duty Zero Emission Vehicles**

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

## Final Report

### **Acknowledgements**

The City of Hemet would like to thank the Mobile Source Air Pollution Reduction Review Committee (MSRC) for the opportunity that made the purchase and installation of two (2) limited access electric vehicle charging stations and two (2) light-duty zero emission vehicles possible.

This report is submitted in fulfillment of contract ML18154, for the purchase and installation of a two (2) limited access electric vehicle charging stations and the purchase of two (2) light-duty zero emission vehicles by the City of Hemet under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee. Work was completed as of January 5, 2021.

### **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 here in is not to be construed as either an actual or implied endorsement of such products.

### **Project Description and Work Performance**

In the City of Hemet's efforts to improve the air quality of the City, management decided to begin transitioning some of the City's fleet to lower emission vehicles and to provide the public with access to additional electric vehicle charging stations.

This project involved the purchase of two (2) light duty zero emission electric vehicles and the purchase and installation of two (2) electric vehicle charging stations. The vehicles were purchased from National Auto Fleet Group, 490 Auto Center Drive, Watsonville, CA 95076. MSRC funds were awarded in the amount of \$20,000 and used to offset the cost of purchasing the new light duty zero emission electric vehicles. The electric vehicle charging stations were purchased from Clipper Creek, Inc., 11850 Kemper Rd., Auburn, CA 95603. MSRC funds were awarded in the amount of \$10,000 and used to offset the cost of purchasing and installing the electric vehicle charging stations.

<b>Purchases</b>	<b>Cost</b>
(2) EV Charging Stations/Install	\$18,423.78
(2) Light Duty Electric Vehicles	\$70,755.72
Total	\$89,179.50

The electric vehicles were delivered to the City on September 30, 2020 and placed into service shortly thereafter. One of the electric vehicles replaced a 2006 Ford Focus that was used by the Police Department to transport documents to and from court and the other replaced a 2006 Ford F-150 pick-up truck that was used to transport employees, visit work sites and perform inspections. Both of the old vehicles have been repurposed for another department’s use. The electric charging stations were installed at the City’s public library in May of 2020 and were activated for public use on January 5, 2021.

**Worked Performed**

The process of purchasing the electric vehicles was started in November of 2019. The vehicles were placed in service in September of 2020.

Vehicle Procurement – Electric vehicle specifications were prepared detailing vehicle requirements, performance parameters, technical quality assurance and warranty requirements.

Bid Process – Public Works staff coordinated with the City’s Purchasing Administrator to obtain a bid for purchase of the electric vehicles via National Fleet Auto Group. National Fleet Auto Group establishes and provides nationally leveraged and competitively solicited purchasing contracts under the guidance of the Uniform Municipal Contracting Law.

Selection and Approval – Through the National Fleet Auto Group, City staff obtained a bid from National Auto Fleet Group of Watsonville, California, for the purchase of (2) 2020 electric vehicles. On November 12, 2019 the City Council approved the purchase of the vehicles in the amount of \$70,775.72.00.

Delivery of (2) Electric Vehicles – The electric vehicles were delivered on September 30, 2020 and placed into service shortly thereafter.

Electric Vehicle Charging Station Procurement – Electric vehicle charging station specifications were prepared detailing charging station requirements, performance parameters, technical quality assurance and warranty requirements.

Electric Vehicle Charging Station Installation – Public Works staff determined that it would be appropriate to install (2) charging stations at the Hemet Public Library. Charging stations were ordered through Clipper Creek and delivered in March of 2020. City staff completed the installation of the charging stations in May of 2020.

Activation of Electric Vehicle Charging Stations – The charging stations were activated by the contractor and set up to enable public drivers to pay for charging their vehicles by using an app on their mobile phone.

## Problems Encountered

The delivery of the electric vehicles was originally scheduled for June of 2020, but due to COVID-19, manufacturing was shut down, delaying delivery to September of 2020.

## Emissions Benefit

The two (2) electric vehicles are anticipated to drive a combined 15,520 miles per year and will reduce the pounds of air pollutants per year by 14,129.63 lbs.

Reactive Organic Gases (ROG)	3.85	lbs.
Carbon Monoxide (CO)	72.61	lbs.
Oxides of Nitrogen (NOx)	3.17	lbs.
Greenhouse Gases (CO2)	14,050	lbs.

## Photographs and Outreach

In January of 2021, a press release was submitted to the Press Enterprise to promote the partnership between the City and MSRC to provide information about the two entities co-funding the purchase of the (2) electric vehicles and (2) charging stations. Informational flyers about this purchase and the benefits of alternative fuel vehicles was also posted on the City's website (<https://www.hemetca.gov/>), City's FaceBook page (<https://www.facebook.com/cityofhemet/>) and the City's Twitter account (<https://twitter.com/hemetgov>).

In addition, a decal of the MSRC logo was placed on both electric vehicles and will remain on the vehicles as long as the vehicles are owned by the City.



## **Summary and Conclusion**

The City of Hemet was able to utilize the funding from the Mobile Source Air Pollution Review Committee to purchase (2) light duty zero emission electric vehicles and (2) electric vehicle charging stations. This purchase has helped the City achieve its goal of improving the air quality of the City and providing the public with access to additional electric vehicle charging stations.

The City of Hemet is invested in the continuing efforts to improve the air quality in the South Coast Air Basin. As such, the City is appreciative of the on-going investments made by the Mobile Source Air Pollution Review Committee and the South Coast Air Quality Management District that contribute to funding the purchase of zero emission vehicles and electric vehicle charging stations.