

**City of Chino Hills
Public Works Department**

**AB 2766 Discretionary Fund
Contract ML 18071**

**Final Report
Purchase of Two Electric Vehicles**

January 6, 2020

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

Acknowledgements

Mobile Source Air Pollution Reduction Review Committee (MSRC)

South Coast Air Quality Management District (SCAQMD)

City of Chino Hills, City Council

Benjamin Montgomery, City Manager, City of Chino Hills

Daniel Bobadilla, Director of Public Works, City of Chino Hills

Sean O'Connor, Project Manager, City of Chino Hills

This report was submitted in fulfillment of Contract ML 18071, purchase of two electric vehicles and two install electric charging stations by the City of Chino Hills under the partial sponsorship of the Mobile Air Pollution Reduction Review Committee (MSRC). Project was completed October 7, 2019.

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 the material report herein is not to be construed as either an actual or implied endorsement of such products.

Contractor: City of Chino Hills
Contract Number: ML 18071
Contract Amount: \$30,000
Title: Purchase of Two Electric Vehicles

Discussion

At the March 13, 2018 Chino Hills City Council meeting, Public Works Staff presented the Jumpstart Program using a power point provided by the MSRC. The City Council approved a resolution for the approval of utilizing Assembly Bill 2766 Motor Vehicle Subvention Program funding (AB 2766 Funding) and MSRC Clean Transportation Funding for the purchase of two electric vehicles (EV's) and power chargers. The program partnership contract #ML18071 was approved by SCAQMD on September 7, 2018. This project is completed and the EV's are now in service to the City.

Staff sought pricing for two electric vehicles and discovered they were competitively bid through the National Joint Powers Alliance (NJPA), of which the City is a member. This procurement was exempt from bidding through this Cooperative Purchasing Agreement pursuant to the City's Procurement Policies and Procedures Manual. The City took delivery on two (2) 2020 Chevrolet Bolts on March 8, 2019. These EV's replaced a 1998 Ford Taurus and 2002 Toyota Prius.

The charging stations for these vehicles are located at the parking structure at City Hall and the Public Works Facility located in the City of Chino. Public Works Staff installed a Level II EV station at the Corporate Yard and a Level I EV station at the parking garage. There is signage at each EV station site notifying users to contact the Public Works Department should any problems arise while using these charging stations.

The City of Chino Hills is committed to clean energy vehicles and has EV pay stations located at City Hall and the Community Center. Additionally, there is a CNG station with four-vehicle connections located at the Public Works Facility.

Barriers Encountered:

The initial plan was to have dual port Level II stations installed at the Government Center Garage and the Public Works Corporate Yard. However, the cost to install an additional SCE meter and service line to the parking garage would cost over \$25,000. Consequently, City Staff installed a Level I EV single port charger as there is only one EV now parked at this facility. Additionally, Staff installed a Level II charging station at the Public Works Facility that may be removed from the exterior of the building within

the next three years. This is due to the anticipated installation of new charging station infrastructure in the future. Consequently, the City will not be requesting reimbursement from MSRC for the charging stations initially requested for this project.

The reimbursement request to MSRC for the two EV's totals \$20,000. The City of Chino Hills is funding the remaining balance of \$55,563.52 through AB 2766 Funds. The total project cost amounts to \$75,563.52 and not \$102,000 as originally outlined in the contract.

Photographs and Outreach

The City of Chino Hills issued a press release to the local newspapers acknowledging that these two vehicles were purchased with MSRC funding and AB 2766 Funding. The MSRC logos are displayed on the hatch of both of these vehicles and information signs are posted at both charging stations.



Summary and Conclusions

These vehicles save natural resources and produce no NOx. The project was a success as the older gas powered vehicles were replaced with EV's that are a welcome addition to the City's fleet.