Final Report for Contract # ML18028
City of Artesia
Electric Vehicle and Bus Charging Facility Project

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

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Executive Summary
The Local Government Partnership Program allowed the City of Artesia to construct an electric vehicle and bus charging facility that will allow it to provide air pollution-free public transit, and accelerate the conversion of the City's fleet to all electric vehicles. The City used traditional and new media methods to advertise the project.

Background
The City of Artesia (the City) executed a contract with the South Coast Air Quality Management District (The District) to purchase and install one Level III/Fast Charger and one Level II type EV charger, and construct a secured charging facility at 18750 Clarkdale Avenue in the City on June 28, 2018, under the Local Government Partnership Program (the Program)

Results
The City executed a professional services agreement for facility design related to the electric in December 2018. The City and its engineering consultant began coordinating with Southern California Edison (SCE) to plan for the facility's infrastructure.

On May 13, 2019, the Council approved the City Manager to purchase a Level III/Fast charger. The Level III charger will be used to charge the City's electric transit bus. On June 10, 2019, the Council awarded a contract to construct the secured charging facility, which includes the installation and procurement of a Level II type EV charger. Construction began on October 8, 2019.

Construction concluded on December 9, 2019, and the electric transit bus was delivered to the City's new secure charging facility.

Total project cost was $250,412.85.

Conclusion
The Program provided the City the necessary infrastructure to support electric vehicles. The City was awarded a federal grant to help pay for an electric transit bus, but it did not cover infrastructure costs. The Program made it possible to address this important need, and allowed the City to proceed with purchasing an electric transit bus in December 2018. The City is currently working with a municipal transit provider to begin service by summer 2020.

installing a dual pedestal Level II type EV charger and expansion-ready infrastructure will now allow the City to proceed with plans to purchase electric vehicles and begin replacing conventional fuel vehicles in the fleet to all electric.

The City encountered few barriers to the project and were resolved with the assistance of all of the parties involved directly with constructing the facility.

Currently, the City is negotiating an operations and maintenance agreement with a local transit provider. Service is tentatively scheduled to start summer 2020.

Publicity
The City issued a press release on April 2, 2018, and posted it on its website regarding the award. Social media posts were made about the facility's construction and the installed chargers (see attached photos). Lastly, the City intended to have a public ribbon-cutting ceremony and to release a press release about its

completion. However, the statewide shutdown due to the COVID-19 outbreak has temporarily postponed it.

Acknowledgements
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