

Final Report
ML 06057
City of Rancho Cucamonga

**CONTRACT NO. ML06057
PURCHASE FOUR COMPRESSED NATURAL GAS
VEHICLES
CITY OF RANCHO CUCAMONGA
August 2009**



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

Acknowledgements

This report was submitted in fulfillment of Contract ML 06057 to purchase four compressed natural gas vehicles by the City of Rancho Cucamonga under the partial sponsorships of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of August 30, 2009.

Disclaimer

The statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution 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 and Work Performed

The City of Rancho Cucamonga submitted a Local Government Match Program grant proposal through MSRC to purchase four heavy-duty compressed natural gas (CNG) powered vehicles on July 6, 2006. The City requested grant funding of \$100,000. The Mobile Source Air Pollution Reduction Review Committee (MSRC) approved the request and granted funding through Contract ML06057. The scope of this contract was originally for two street sweepers, one dump truck and one tree truck.

A request to change scope was submitted to MSRC on March 30, 2007 to substitute the purchased of a tree truck with a CNG street sweeper. The executed copies of the revised contract agreement were delivered to the City of Rancho Cucamonga on April 30, 2007.

The City Council approved the purchased of one high dump CNG powered regenerative air street sweeper and two high dump CNG powered mechanical broom Street Sweepers from the lowest bidder, Schwarze Industries of Huntsville, Alabama in June 2008. All three vehicles were received by the Fleet Division on November 1, 2008 and since then have been put into service.

One CNG powered roll-off truck was approved by the City Council On October 1, 2008 to be purchased from the lowest bidder, Carmenita Truck Center. The City of Rancho Cucamonga Fleet division received the fourth and last vehicle on August 13, 2009.

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Problem Encountered

In August 2007, the Council awarded the purchase of one CNG powered roll-off truck to Peck Road Truck Center of Whittier. Peck later notified staff that the company filed for bankruptcy and was not able to deliver the vehicle awarded.

The purchase and delivery of one roll-off truck was delayed by approximately twelve months. Staff had to go back out to bid and rescinded the award from Peck Road Truck Center. In October 2008, the City Council approved the purchase of one roll-off truck from the lowest bidder, Carmenita Truck Center.

Emissions Benefits

Compressed Natural Gas (CNG) helps reduce the emissions of pollutants into the atmosphere. The City has been actively retiring its fleet of diesel-powered street sweepers and replacing them with CNG models since 2007. Each sweeper replaced with a CNG model provides at least 25% reduction in greenhouse gas emissions over diesel. The use of low-emission alternative fuel vehicles is an effective strategy to reduce mobile source emissions.

Photographs and Outreach

An article was placed in the spring 2008 City Quarterly Newsletter - "The Grapevine" which goes to approximately 50,000 households in the area. All four vehicles have the MSRC decals on them as well as decals indicating the vehicles are fueled by Compressed Natural Gas.

Please see attached for photographs.

Summary and Conclusions

The Grant funding from Mobile Source Air Pollution Reduction Review Committee provides an opportunity for municipalities to replace their diesel-fuel heavy duty vehicles with alternative fuel replacements by offsetting the added cost of purchasing a CNG vehicle and .

The City of Rancho Cucamonga submitted a grant and received \$100,000 to purchase four CNG vehicles. This grant not only benefits City of Rancho Cucamonga residents, but also those residents and business persons traveling through our City.

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Attachment:



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