



CONTRACT # ML06069

**PURCHASE OF ONE (1), TYPE 7 CUTAWAY BUS
EQUIPPED WITH DEDICATED LPG ENGINE**

**CITY OF PALOS VERDES ESTATES
IN PARTNERSHIP WITH
PALOS VERDES PENINSULA TRANSIT AUTHORITY**

JULY 28, 2008

**PREPARED FOR THE MOBILE SOURCE AIR
POLLUTION REVIEW COMMITTEE (MSRC)
UNDER AB 2766 DISCRETIONARY FUND
WORK PROGRAM**

ML06069

July 28, 2008

This report is submitted in fulfillment of ML06069 for the purchase of one (1), type 7 Cutaway bus equipped with dedicated LPG (liquid propane gas) engine; a joint project of the City of Palos Verdes Estates and the Palos Verdes Peninsula Transit Authority under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed June 9, 2008.

SCOPE

To purchase one (1) type 7 Cutaway bus equipped with LPG engine.

PURPOSE

To support a goal of emissions reduction through use of alternate fuel vehicles in order to achieve cleaner air and a healthier environment.

BACKGROUND

The City of Palos Verdes Estates (Contractor) is a member of a Joint Powers Authority (JPA) with other peninsula cities and Los Angeles County, which operates the Palos Verdes Peninsula Transit Authority (PVPTA) to provide public transportation services on the Palos Verdes Peninsula.

Assembly Bill 2766 provides that a component of the Vehicle Registration fee be allocated by the AQMD to cities and counties to implement and monitor programs to reduce air pollution from vehicles. The Mobile Source Air Pollution Reduction Review Committee (MSRC), through a grant application process, administers 30% of AB 2766 funds with 70% distributed to cities on a population formula. The funds are to be used for clean air programs.

The City of Palos Verdes Estates, as a recipient of AB 2766 funds, made application to the MSRC under the FY 2005-06 Phase II Local Government Match Program in the amount of \$25,000 on behalf of the City and the PVPTA, for the Authority's purchase of one type & Cutaway bud equipped with a dedicated LPG engine.

The MSRC accepted the City's grant application for \$25,000 to be used to offset the cost of the purchase. The City applied \$25,000 of its AB 2766 funds and the PVPTA was to pay the balance of \$84,982. The total approved project was in the amount of \$134,982.

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 source or their uses in connection with material reported herein is not to be construed as either an actual or implied endorsement of such products.

SUMMARY

On October 5, 2006, the City of Palos Verdes Estates submitted an application for the FY 05-06 MSRC Matching Funds Program in the amount of \$25,000. Under the program, the City would use \$25,000 of its local AB 2766 funds and the MSRC matching grant to assist the Palos Verdes Peninsula Transit Authority with its purchase of a type 7 Cutaway bus with LPG engine to be used for para-transit services of the Authority.

On September 28, 2007, the City was notified by the MSRC of the project approval. After execution of the contract documents, the following timeline of the project occurred:

Vehicle was ordered through Creative Bus Sales, Inc of Chino CA under State of California Solicitation Specification #54309 and State of California Contract # 1-05-23-16.

April 8, 2008 – Palos Verdes Peninsula Transit Authority takes delivery of the bus, which was ordered

April 8-28 – the vehicle was prepared for service

May 1 – vehicle placed in service

June 9, 2008 – Palos Verdes Peninsula Transit Authority completed Public Outreach Program through Better World Group, which involved press release on purchase of new vehicle, financed in part through the MSRC Local Government Match Program. A copy of the Public Outreach Program was submitted by the Transit Authority to MSRC in conformance with grant program requirements

CONCLUSION

The purchase of one LPG transit bus with an estimated 26,000 miles of annual operation yields total annual emission reductions of:

Oxides of Nitrogen (Nox) 98.50 pounds

The purchase and operation of this vehicle is one more example of the City's commitment to a clean environment. The reduction in emissions is one more step in providing a cleaner environment for the Palos Verdes Peninsula community.

The purchased vehicle funded under this contract is obligated to accrue at least 85% of its annual mileage or engine hours of operation within the geographical boundaries of the SCAQMD for a period of no less than five (5) years from the date the vehicle enters into service. This obligation shall survive the expiration of the contract and continue in full force and effect until the geographic restriction period has been satisfied.

Included in this report for project contract ML06069 are photographs of the vehicles with the MSRC logos affixed in a prominent location on the vehicle.