

# CITY OF LONG BEACH

## DEPARTMENT OF PUBLIC WORKS

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November 16, 2004

HONORABLE MAYOR AND CITY COUNCIL  
City of Long Beach  
California

SUBJECT: Resolution to Enter Into Cooperative Purchasing Agreement with the City of Riverside to Purchase Diesel Particulate Trap Filter Retrofit Kits (Citywide)

### DISCUSSION

The California Air Resources Board (CARB) has identified diesel particulate as a toxic air contaminant linked to a wide variety of toxic, cancer, and non-cancer health impacts. In response, CARB adopted Article 4, Diesel Particulate Matter Control Measures, within Chapter 3, Division 3, Title 13 of the California Code of Regulations, to reduce the public's exposure to diesel exhaust particulate. The regulation requires owners of commercial and residential solid waste collection vehicles to either repower vehicles to specific emissions control strategies; repower vehicles with new alternative fuel engines, i.e., natural gas, propane, hydrogen, electricity, fuel cell; or apply the highest-level particulate control emissions strategy verified by CARB for a specific engine. Implementation begins in 2004 through 2011 and targets 1960 through 2006 model year engine vehicles with a gross vehicle weight rating over 14,000 pounds.

The Fleet Services Bureau studied the regulation and determined that installing particulate trap filters on vehicles is the most cost effective method of satisfying CARB regulations for the City's waste collection vehicles. The City is required to install at least four particulate trap filters by December 31, 2004, to comply with the first year requirements of the regulation. During the study it was discovered that the City of Riverside completed a competitive bid process for particulate trap filter retrofit kits and awarded a contract to Valley Detroit Diesel Allison, Inc., now known as Valley Powers Systems, Inc., that meets the requirements of the City. The Department of Public Works, Fleet Services Bureau, wishes to enter a cooperative purchasing agreement with the City of Riverside to purchase and install up to 30 particulate trap kits. This purchase will satisfy the City's 2004 and 2005 requirements with an option to renew the contract for an additional year to satisfy 2006 requirements. The City Charter permits the purchase of services, supplies, materials, equipment and labor with other governmental agencies by purchasing under their contracts when authorized by a Resolution of the City Council.

Of the City's 103 solid waste collection trucks, 66 fall into CARB schedule Group 1 requirements. Three of the trucks identified are CNG and are exempt, which reduces the 1988-2002 group total to 63. Group 1 implementation is as follows:

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Group	Engine Model Years	% of Group to Implement Best Available Control Technology	# of Diesel Retrofit Traps Required by Calendar Year	Compliance Deadline
1	1988 – 2002	10	4	December 31, 2004
		25	10	December 31, 2005
		50	16	December 31, 2006
		100	33	December 31, 2007

This matter was reviewed by the Senior Deputy City Attorney Donna F. Gwin and Budget Management Officer David Wodynski on November 8, 2004.

#### TIMING CONSIDERATIONS

City Council action is requested at the November 16, 2004 City Council meeting to ensure that a contract is available and in place to complete retrofit installations by the December 31, 2004 deadline.

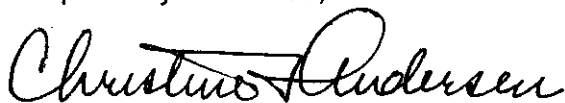
#### FISCAL IMPACT

The cost, in the amount not to exceed \$227,733, is budgeted in the Fleet Fund (IS 386) in the Public Works Department (PW).

#### IT IS RECOMMENDED THAT THE CITY COUNCIL:

- 1) Adopt the attached Resolution authorizing the City Manager to execute a contract with Valley Powers Systems, Inc., formerly known as Valley Detroit Diesel Allison, Inc., to purchase and install up to 30 diesel particulate trap filter retrofit kits pursuant to RFQ No. MB 1001 and Contract #G031891 between the vendor and the City of Riverside; and
- 2) Authorize the City Manager to extend the agreement for one year under the same terms and conditions as are afforded to the City of Riverside, California, in an amount not to exceed \$227,733.

Respectfully submitted,



CHRISTINE F. ANDERSEN  
DIRECTOR OF PUBLIC WORKS

APPROVED:

CFA:MAB:DGM  
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GERALD R. MILLER  
CITY MANAGER