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DATE: August 17, 2011

TO: Honorable Mayor and City Councilmembers

FROM: Public Works Department

SUBJECT: **PURCHASE ORDER IN THE AMOUNT OF \$107,656 FOR DIESEL ENGINE EMISSION UPGRADES TO SEVEN VEHICLES**

### **SYNOPSIS**

Staff recommends that the City Council approve a purchase order in the amount of \$107,656 to Ironman Parts and Services of Corona, California, for diesel engine emission upgrades to seven City vehicles; and authorize the Financial Services Director, or designee, to execute the purchase order.

### **BACKGROUND**

Revised State of California regulations addressing diesel engine emissions commonly referred to as "Diesel Emissions Control Strategy (DECS)" were approved in 2005. DECS established groups of diesel engines by type, age and available emission control technology into three groups to be retrofitted for compliance by calendar year starting in 2009. Compliance requirements are to retrofit, replace, repower or retire vehicles with engine model years prior to 2007. The City previously retrofitted or retired all applicable vehicles with engine model years prior to 2003 in 2007. This extended the compliance dates for 2003 to 2006 engine model year vehicles. The City achieved the earliest of these compliance deadlines by retiring five vehicles from the fleet prior to December 31, 2009. The City currently has fifteen remaining 2003-2006 vehicles that are due for retrofit or replacement. Seven vehicles must be retrofitted or replaced by December 31, 2011, and the remaining eight must be retrofitted or replaced by December 31, 2012.

Prior to recommending the emission upgrades, Fleet and the department using each vehicle considered whether the vehicle was still needed or if a cheaper alternative was an option, such as replacement or designating it as "low use". For seven vehicles it was decided a retrofit was the best option and for the remaining eight vehicles it was decided a replacement was the best option. An item will be brought back to Council in the future for the replacement vehicles.

The California Health and Safety Code Section 42400 sets penalties for violations of air pollution laws, rules, regulations and permit conditions. The consequences of not performing these emission upgrades could result in a fine from \$1,000 per day per vehicle to \$40,000 per day per vehicle for knowingly violating air pollution laws.

**ANALYSIS**

In May, the City solicited bids from qualified private companies to perform the air emission upgrades. Three companies responded to our request for proposals and Ironman Parts and Services of Corona, California, was the low bidder. The parts and equipment necessary to complete the retrofits are readily available and will require about 90 days to complete.

Exhibit A lists the vehicles to be retrofitted and price per vehicle to retrofit.

**FISCAL IMPACT**

The Fiscal Year 11-12 approved budget for auto equipment (620609831.5705) is \$2,936,675. Therefore, adequate funds are available for the vehicle.

**COMMISSION OR COMMITTEE REPORT**

Does not apply.

**CITY ATTORNEY'S ANALYSIS**

Purchases should be made according to the procedures set forth in chapter 28A of the City Code.

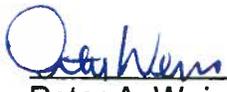
**RECOMMENDATION**

Staff recommends that the City Council approve a purchase order in the amount of \$107,656 to Ironman Parts and Services of Corona, California for diesel engine emission upgrades to seven City vehicles; and authorize the Financial Services Director, or designee, to execute the purchase order.

PREPARED BY:

SUBMITTED BY:

  
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H. Kiel Koger  
Maintenance and Operations Manager

  
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Peter A. Weiss  
City Manager

REVIEWED BY:

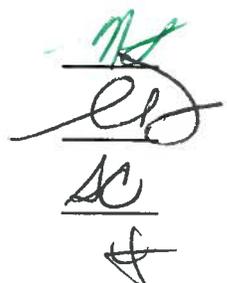
Michelle Skaggs Lawrence, Deputy City Manager

Cari Dale, Water Utilities Director

Deborah Polich, Library Director

Teri Ferro, Financial Services Director

Exhibit A



## Exhibit A

<u>VEHICLE TO BE RETROFITTED</u>	<u>DEPARTMENT</u>	<u>VEHICLE ID #</u>	<u>YEAR</u>	<u>PRICE INSTALLED</u>
Ford F750	Water	W214	2006	\$13,352.00
Ford 2-1/2 Ton	Water	W213	2005	\$13,352.00
Ford F750	Public Works	S97	2006	\$13,352.00
Matthews MSVS	Library	LIB7	2006	\$19,800.00
Ford F750	Public Works	S96	2006	\$13,352.00
Ford (Anti Graffiti)	Public Works	T19	2004	\$13,352.00
Vactor	Sewer	SD660	2006	\$13,352.00

