



Agenda Date: 1/9/2007  
Agenda Placement: 6K

## NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

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**TO:** Board of Supervisors  
**FROM:** Michael Stoltz for Robert Peterson - Director  
Public Works  
**REPORT BY:** Nancy Owyong, Staff Services Analyst I, 253-4603  
**SUBJECT:** Agreement with General Equipment

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### **RECOMMENDATION**

Director of Public Works requests approval of and authorization for the Chair to sign an agreement with General Equipment for a maximum of \$144,613, for the term January 9, 2007 through June 30, 2007, to retrofit the County's on-road, heavy-duty diesel vehicles to comply with the California Air Resources Board mandated Diesel Risk Reduction Plan.

### **EXECUTIVE SUMMARY**

California Air Resources Board (ARB) has adopted regulations requiring on-road, heavy-duty diesel vehicles owned by public agencies or utilities to meet new diesel emission control standards. The County has 16 heavy-duty diesel vehicles that will be required to meet the new standards. Public Works has determined that the most cost effective method for achieving this goal is to retrofit the exhaust systems with a diesel emission control system. Approval of this agreement will allow General Equipment to install a diesel emission control system on 10 of the the County's 16 heavy-duty diesel vehicles this fiscal year.

### **FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Equipment Pool
Is it Mandatory or Discretionary?	Mandatory
Is the general fund affected?	No
Future fiscal impact:	The County will still need to retrofit or replace the remaining 6 heavy-duty diesel vehicles.

Consequences if not approved: Failure to comply with the ARB's Diesel Risk Reduction Plan could result in fines of up to \$10,000 per day per vehicle.

Additional Information: None

### **ENVIRONMENTAL IMPACT**

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

### **BACKGROUND AND DISCUSSION**

In 1998, the ARB identified diesel particulate matter as a toxic air contaminant. ARB developed a plan to reduce diesel particulate matter emissions in California by 75% by 2010 and 85% by 2020. The Diesel Risk Reduction Plan requires heavy-duty diesel vehicles owned by public agencies or utilities to reduce diesel emissions through the use of best available control technology. Different options have been established for meeting the requirement to use best available control technology. The options range from retrofitting with exhaust emission control systems; replacing existing engines with newer technology diesel engines; and using alternative fuel or gasoline engine.

ARB has developed an implementation schedule beginning December 31, 2006, with all vehicles required to be in compliance by December 31, 2011. Napa County can extend the compliance deadline by applying to the Executive Officer for consideration as a fleet located in a designated "low-population county". Status as a "low-population county" would extend the compliance deadline by five years, until December 31, 2016. Because of the cost and environmental benefits of achieving compliance as soon as possible extending the deadline is not being recommended by the Public Works Department.

Public Works has researched the various technologies and has determined that retrofitting the vehicles with a particulate waste filter system is the most economical method to comply with the regulation. Sixteen County-owned vehicles have been identified that need to meet the new standards. Public Works plans to retrofit ten heavy-duty vehicles during this fiscal year. Public Works has also verified that none of the vehicles planned for retrofitting this fiscal year should be replaced either within the December 31, 2011 or 2016 extension deadline. Of the remaining six vehicles, Public Works plans to retrofit one remaining vehicle, and the other five will be replaced with vehicles that meet the ARB requirements before the December 31, 2011 deadline.

The County will apply for status as a "low-population county", not to extend the deadline, but in order to be eligible for grants that will be made available for retrofitting off-road heavy-duty diesel vehicles. ARB is in the process of developing control measures to reduce diesel emissions from in-use, off-road vehicles.

Public Works received three bids and General Equipment was selected on the basis of its qualifications in addition to being the lowest bidder.

### **SUPPORTING DOCUMENTS**

None

CEO Recommendation: Approve

Reviewed By: Andrew Carey