



Memorandum

MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

Reviewed by

[Signature]
General Manager

Date

9-11-09

DATE: September 11, 2009
 TO: General Manager
 FROM: Equipment Maintenance Manager
 SUBJECT: Request for Proposals for Purchase of a New Water Truck

RECOMMENDATION: That the Board authorize staff to prepare specifications and issue a Request for Proposals (RFP) to purchase a new water truck. Funds in the amount of \$180,000 for this purchase are included in the Capital Outlay portion of the FY 2009/10 budget.

BACKGROUND

The FY 2009/10 budget includes funds for the purchase of a new water truck needed in site operations. District staff has determined that Unit SI15, a 1981 International 3-axle water truck, should be scheduled for replacement during FY 2009/10. Staff is requesting authorization to prepare and distribute specifications to purchase a water truck, which may have a delivery time of six months or greater. With Board authorization to distribute a RFP, staff anticipates bringing recommendations for purchase back to the Board at the October or November 2009 meeting.

A component of AB 32 is the Public Fleet Rule requiring on-road heavy duty diesel powered vehicles, which applies to those operated at the District to meet certain emission standards. This particular vehicle (SI15) falls into Group 1 of the regulation for model years 1960-1987. In the implementation schedule of this rule, the District is required to bring 60% of all Group 1 vehicles to the highest level of diesel particulate control available by December 31, 2009. Since SI15 is the only vehicle the District has that falls into Group 1, retrofit or replacement are the only options to meet the 60% requirement for this group. This option would only take care of the turbine and not the water tank itself.

Staff estimates that in order to retrofit SI15 with the best available particulate control device, which would also require replacement of the engine with a computer controlled engine, could exceed \$65,000.

DISCUSSION

Current District operations utilize water trucks on average of 120 hours per month. A water truck is a critical piece of equipment for the District and is used daily for dust control (required under the Monterey Bay Unified Air Pollution Control District regulations), leachate distribution, providing water for soil preparation, road maintenance, equipment washing, fire control, etc.

Leachate is very corrosive to the tank of a water truck. SI15 is showing signs of tank wall deterioration, which will soon result in seam failures and leaks that will be very difficult to effectively repair leading to increased unreliability. When considering the many years of difficult operating conditions this truck chassis has endured from the terrain of the landfill, combined with the cost of tank replacement and emission retrofits, it is clear that SI15 has reached the end of its useful life.

CONCLUSION

Staff has concluded that SI15, a 1981 International water truck has served the District well for many years and should be scheduled for replacement with a 2010 emission level water truck in the FY 2009/10. Upon Board approval to award the bid, and upon acceptance of the delivery of the new water truck, staff will declare the existing water truck as surplus and sell it to the highest qualified bidder.



Ron Mooneyham