



# Memorandum

## MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

Reviewed by WmM Date 9.11.08  
General Manager

DATE: September 11, 2008  
TO: General Manager  
FROM: Equipment Maintenance Manager  
SUBJECT: Request for Proposals for Purchase of New Wheel Loader

**RECOMMENDATION:** That the Board authorize staff to prepare specifications and issue a request for proposals to purchase a new Wheel Loader with sand and roll out bucket attachments. Funds for this purchase are included in the Capital Outlay portion of the FY 2008/09 budget.

### BACKGROUND

The FY 2008/09 budget includes the purchase of a new medium size wheel loader needed in the site operations. District staff determined that the MR15, a 2000 John Deere 544 wheel loader, and the MR16 a 2000 John Deere 744 wheel loader, should both be scheduled for replacement by one medium-sized wheel loader during FY 2008/09. Staff would like to proceed to prepare and distribute specifications to purchase this equipment. The anticipated delivery schedule is between 120 and 180 days. Upon Board authorization, staff anticipates bringing a recommendation for purchase back to the Board at the November 2008 meeting.

A component of AB 32 is the proposed regulation requiring off-road vehicles operated at the District to meet certain emission standards. This purchase is part of the strategy assembled by staff to meet CARB compliance requirements starting in 2010 and continuing thru 2020. This strategy, combined with a change in the sand pit operations, led to a decision by staff to not expensively repair the transmission on the MR16 purchased in October of 2000 with 15,239 hours of operation. Staff concluded that it would not be cost effective to make such a repair and do the necessary retrofits to meet emission requirements compared to the price of a new machine. The MR15, also purchased in October 2000 with 18,916 hours of operation, has had no major component replacement or repairs to date. The MR15 has been very productive, and cost effective to operate. However the time has come to replace it with a newer unit that meets current emission requirements.

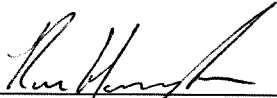
### DISCUSSION

Current District operations utilize the wheel loaders on average over 1000 hours per month each. Reliable usage expectations of a wheel loader in the waste industry without a mid-life re-power/re-build are 15,000 to 18,000 hours. MR16, the large wheel loader, is in desperate need of replacement as it will only operate for 20 minutes until the transmission overheats making it virtually useless. MR15, the small wheel loader, continues to operate; however, due to the hours of usage, failure is imminent. Given the patterns of use by the District, and the high numbers of hours both units operate, it is staff's conclusion that both of these loaders are at the end of their useful life.

Given the current fiscal condition of the District, and the changes in operating conditions benefitted by the contracting out of the sand pit operation, staff has made a decision to replace these two units with one medium sized loader. Upon purchase and delivery of the new medium size wheel loader, staff will declare the existing two wheel loaders as surplus and attempt to sell the machines to the highest qualified bidder.

**CONCLUSION**

District staff has concluded that MR15, a 2000 John Deere 544 wheel loader and MR16 a 2000 John Deere 744 wheel loader, should both be scheduled for replacement by one medium-sized wheel loader during FY 2008/09.

  
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Ron Mooneyham