

# Orange County Sanitation District



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## Agenda Report Details (With Text)

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**Title:** AWARD CONTRACT FOR MARINE VESSEL NERISSA ENGINE REBUILD  
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Date	Ver.	Action By	Action	Result
2/19/2020	1	ADMINISTRATION COMMITTEE		

**FROM:** James D. Herberg, General Manager  
Originator: Lan C. Wiborg, Director of Environmental Services

### **SUBJECT:**

### **AWARD CONTRACT FOR MARINE VESSEL NERISSA ENGINE REBUILD**

### **GENERAL MANAGER'S RECOMMENDATION**

#### RECOMMENDATION:

Approve a purchase order contract to Quinn Company to perform a rebuild on *M/V Nerissa's* Caterpillar diesel engines at a cost not to exceed \$130,000.

### **BACKGROUND**

Under its National Pollution Discharge Elimination System (NPDES) permit, the Orange County Sanitation District (Sanitation District) is required to conduct a monitoring program of the ocean waters receiving the discharged treated final effluent. To accomplish this, the Sanitation District owns and operates a monitoring vessel, Marine Vessel *M/V Nerissa*.

*M/V Nerissa* has been in service since November 2004. Her engines currently have over 8,500 hours of operation. A rebuild of the engines is recommended by the manufacturer (Caterpillar) at 8,000 hours. Further, the engines have recently developed oil leaks, in addition to a variety of other minor repair issues. This indicates that an engine rebuild is necessary to keep the engines on the *M/V Nerissa* operational.

The proposed purchase order contract with Quinn Company will ensure that *M/V Nerissa's* engines will be operational for the next five to eight years and all permit-mandated ocean monitoring field sampling requirements will be met.

## RELEVANT STANDARDS

- Comply with environmental permit requirements
- Protect Orange County Sanitation District assets
- Maintain a proactive asset management program
- Ensure the public's money is wisely spent
- Commitment to safety & reducing risk in all operations

## PROBLEM

An operational vessel is necessary to meet the requirements for environmental monitoring of the Sanitation District's ocean discharge of treated wastewater effluent.

## PROPOSED SOLUTION

The rebuild of *M/V Nerissa's* engines will allow the Ocean Monitoring Team to complete all mandated field sampling activities on time, ensuring that all related NPDES permit provisions are met.

## TIMING CONCERNS

*M/V Nerissa's* engines are past due for rebuilding and show signs of significant wear.

## RAMIFICATIONS OF NOT TAKING ACTION

NPDES permit-mandated ocean monitoring requirements may not be met if *M/V Nerissa's* engines fail and field samples are not able to be collected or were delayed.

## PRIOR COMMITTEE/BOARD ACTIONS

N/A

## ADDITIONAL INFORMATION

The bid for this proposed purchase order contract was obtained via a Sourcewell Co-Operative (co-op) agreement. By utilizing this Sourcewell co-op agreement, the Sanitation District will save over 5% of the cost originally bid by Quinn Company directly.

## CEQA

N/A

## FINANCIAL CONSIDERATIONS

This request complies with authority levels of the Sanitation District's Purchasing Ordinance. This item has been budgeted. (2019-2020 Budget Update; Page 43). Project contingency funds will be used for this contract.

**ATTACHMENT**

*The following attachment(s) may be viewed on-line at the OCSD website ([www.ocsd.com](http://www.ocsd.com)) with the complete agenda package:*

N/A