



Agenda Report

File #: 2020-883, Version: 1

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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) with the complete agenda package:

N/A