

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

413



FROM: Waste Management Department

SUBMITTAL DATE:
April 4, 2012

SUBJECT: Purchase of One (1) Ultra Low Emissions Landfill Gas Flare and Blower Skid Package

RECOMMENDED MOTION: That the Board of Supervisors authorize the purchasing agent to award the purchase of one (1) Ultra Low Emissions Landfill Gas Flare System to other than low bidder.


BACKGROUND: The Purchasing Department issued a formal Request for Quotation, RFQ #WMARC-175, for an Ultra Low Emission Flare System for the Badlands Landfill on behalf of the Waste Management Department (WMD) on October 25, 2011. Two bids were received on November 15, 2011 from LFG Technologies, Inc., and John Zinc Company, LLC in the amounts of \$491,590 and \$582,600, respectively. The apparent low bidder, LFG Technologies, Inc., was rejected for being non-responsive to Exhibit A, Section 2.3.d. and Exhibit B, Conditions 22 and 27 of the RFQ. (continued)


Hans Kernkamp, General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. Total Cost:	\$582,600	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ N/A	Budget Adjustment:	No
	Annual Net County Cost:	\$ N/A	For Fiscal Year:	2011/2012
SOURCE OF FUNDS: Waste Management Department Enterprise Fund				Positions To Be Deleted Per A-30 <input type="checkbox"/>
				Requires 4/5 Vote <input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY: 
Alex Gann

County Executive Office Signature

- Consent
- Policy
- Consent
- Policy

Dept Recomm.:
Per Exec. Ofc.:

Prev. Agn. Ref.: N/A

District: 5/5

Agenda Number:

12.2

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Emission testing data provided by LFG Technologies Inc., for their proposed flare system would not comply with the permit limits set by the South Coast Air Quality Management District (SCAQMD) for Best Available Control Technology (BACT). The flare system proposed by the John Zinc Company LLC has been tested, and is listed by the SCAQMD as BACT. LFG Technologies system for NOx emissions averaged 0.038 lb/MMBtu, while the John Zinc systems show averages of 0.01 and 0.014 lb/ MMBtu. The maximum NOx limit in our permit to construct is 0.025 lb/MMBtu.

Other Vendors that could provide this item: None

Price Reasonableness: The Badlands facility operates under a Title V permit, enforced by the SCAQMD, which requires the facility to comply with the most stringent emission standards that can only be achieved using equipment utilizing BACT. Substantial monetary penalties would be incurred if either a system that can't meet the BACT emission thresholds is installed and fails to pass an initial emission test, or if the installation of a flare that meets the permit requirements is delayed such that the facility experiences surface emissions or landfill gas migration that violates state regulations and conditions of the Title V facility permit. The cost difference of \$91,010 between the two flares is reasonable in order to comply with emission standards and avoid monetary fines.