

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

539



**FROM:** Waste Management Department

**SUBMITTAL DATE:**  
December 10, 2007

**SUBJECT:** Approval to Advertise for Construction of Landfill Gas Collection System at the Edom Hill Sanitary Landfill

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve the contract documents for Construction of Landfill Gas Collection System at the Edom Hill Landfill; and
2. Authorize the Waste Management Department (Department) to advertise for bids.

**BACKGROUND:** As part of the Department's ongoing compliance with air quality regulations, a landfill gas collection system and flaring station needs to be installed at the Edom Hill Sanitary Landfill. The landfill closed in late 2004 and is currently undergoing closure construction. The final step of closure, before entering into a minimum 30 year post-closure period, will be to install a gas collection system and flaring station. As part of closure construction, several feet of soil has been added to the surface of the landfill to create a barrier against the infiltration of water into the refuse. The addition of this cover soil has forced some of the landfill gas to migrate laterally. Landfill gas has now been detected in some perimeter detection probes. (cont'd)

*[Handwritten Signature]*

Hans W. Kernkamp, General Manager-Chief Engineer

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 457,732	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:	2007/2008

<b>SOURCE OF FUNDS:</b> Waste Management Remediation Fund	<b>Positions To Be Deleted Per A-30</b>	<input type="checkbox"/>
	<b>Requires 4/5 Vote</b>	<input type="checkbox"/>

**C.E.O. RECOMMENDATION:**

**APPROVE**

BY: *Michael R. Shetler*  
Michael R. Shetler *for ALEX GANN*

**County Executive Office Signature**

**Prev. Agn. Ref.:**

**District:** 4

**Agenda Number:**

**ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD**

**12.1**

FORM APPROVED COUNTY COUNSEL  
BY: *[Signature]* DATE  
NEAL R. KIRNIS  
Departmental Concurrence

Dept's Recomm.:  Consent  Policy  
Per Exec. Ofc.:  Consent  Policy

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As required by the South Coast Air Quality Management District and the California Integrated Waste Management Board regulations, when landfill gas is detected in perimeter probes above acceptable levels, a gas collection system must be installed to control the migration of landfill gas. The Department anticipated this scenario before closure construction started and budgeted accordingly for the gas collection system and flare station.

The contract documents are for the construction of Landfill Gas Collection System at Edom Hill Landfill. The Engineer's estimate for the construction of the landfill gas collection system is \$457,732.

HWK:ad:mdh

Enclosure: Contract Documents

PD# 58212v1