

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

955



**FROM:** Waste Management Department

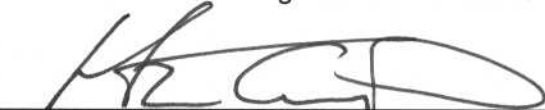
**SUBMITTAL DATE:**  
May 15, 2006

**SUBJECT:** Construction of Multi-level Landfill Gas Detection Probes at Edom Hill Landfill

**RECOMMENDED MOTION:** 1) Approve Contract Documents for the Construction of Multi-level Landfill Gas Detection Probes at Edom Hill Landfill. 2) Authorize the Waste Management Department to advertise for bids.

**BACKGROUND:** The California Code of Regulations (CCR) Title 27, Section 20920 requires that multi-level landfill gas detection probes be installed during closure of a landfill and monitored during the post closure maintenance period. The Edom Hill Landfill stopped accepting refuse in November 2004. The Waste Management Department (Department) is currently preparing contract documents for closure construction. In past closures of other Department landfills, multi-level probes have been installed at the end of closure. This was done so that the probes would not accidentally be destroyed during earth moving construction. However, in this case, multi-level probes will be installed around the perimeter of the landfill before any major earthwork has started. The multi-level probes will be installed in areas where there is expected to be no earthwork during closure construction. The probes are being installed at the beginning of closure to monitor the change of migrating landfill gas, if any, as the final cover soil is added to the landfill footprint area. The probe data will be used to determine if a landfill gas collection system and control device needs to be installed at the site. The Engineer's estimate for this project is \$121,030.

MH/AE:mh/ae  
PD# 41833

  
Hans Kernkamp, General Manager-Chief Engineer

**FINANCIAL DATA**

Current F.Y. Total Cost:	\$ -0-	In Current Year Budget:	Yes
Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
Annual Net County Cost:	\$ NA	For Fiscal Year:	FY2006/07

<b>SOURCE OF FUNDS:</b> Waste Management Department Enterprise Funds	<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**

**County Executive Office Signature**



Policy  Policy

Consent  Consent

Dep't Recomm.:  
Per Exec. Ofc.:

**Prev. Agn. Ref.:** \_\_\_\_\_ **District:** 4 **Agenda Number:** \_\_\_\_\_

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

12.2

FORM APPROVED  
COUNTY COUNSEL

MAY 1 2 2006

Departmental Concurrence

RECEIVED WASTE MANAGEMENT DEPARTMENT