

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

920



**FROM:** Waste Management Department

**SUBMITTAL DATE:**  
October 16, 2006

**SUBJECT:** Construction of 2006 Winterization Improvements at the Badlands Landfill

**RECOMMENDED MOTION:** The Board:

1. Approve the contract documents for the 2006 Winterization Improvements at the Badlands Landfill; and
2. Authorize the General Manager-Chief Engineer to advertise for bids for the 2006 Winterization Improvements.

**BACKGROUND:** The projects covered by this contract are certain construction work affecting the site drainage at Badlands and the removal of excess dirt material in anticipation of the Badlands Landfill expansion project. (cont'd)

Hans W. Kernkamp, General Manager-Chief Engineer

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 350,000	In Current Year Budget:	YES
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	NO
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2006/07

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

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

**County Executive Office Signature** *Alex Lann*

Policy  
 Policy  
 Consent  
 Consent  
 Dept't Recomm.:  
 Per Exec. Ofc.:

**Prev. Agn. Ref.:** NONE | **District:** 5 | **Agenda Number:**

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

**12 . 1**

The contract represents an integral part of the Riverside County Waste Management Department's (Department) efforts to reduce the introduction of pollutants which affect the quality of storm water discharges associated with landfill operations at the Badlands Landfill and expand the site. As part of the National Pollutant Discharge and Elimination System (NPDES) statewide general permit to regulate industrial storm water discharges, the Department has a Storm Water Pollution Prevention Plan (SWPPP) for the Badlands Landfill. Under this SWPPP, the Department is responsible for the installation and maintenance of Best Management Practices (BMPs) including drainage structures that collect and channel runoff from the landfill. In past years, the Department has employed several more temporary BMPs (such as sandbags and straw bale barriers) and has constructed a sedimentation basin to comply with NPDES requirements.

Based on the performance of the existing BMPs, and in response to regulatory inspections, the Department believes more permanent structures are needed to adequately and properly provide for effective drainage and erosion control at the Badlands Landfill. The Department's 2006 BMP Winterization Plan is prepared in response to the dynamic nature of the landfill site requiring the Department to evaluate compliance and implement measures to address changing site conditions. The installation of asphalt concrete pavement, shotcrete drainage structures, and grouted rip-rap is part of this plan. In addition to being necessary to comply with NPDES requirements, these more permanent structures should reduce the frequency and severity of erosion problems and reduce labor and equipment costs associated with erosion repairs and regular site maintenance.

The Department has included an optional Off-Site Material Haul bid item to remove and haul soil material from the Badlands Landfill. This material will need to be removed for landfill expansion projects anticipated in the current budget year. Current local market demand for available clean fill material may result in payment to the Department for removal of this material or a reduced charge for its removal, based on the Department's prior experience with off-site material hauls. Material removal now will expedite completion of the future expansion projects and thereby influence the costs of that work. The Department would like to reserve the right to award the work for dirt removal depending on the results of the bids. This work will be reviewed separately from the SWPPP work outlined above and will be excluded from the criteria used to determine the lowest responsible and qualified bidder for the SWPPP projects.

In August 2006 the Department hired an NPDES consultant to review the Department's SWPPP. The consultant returned his recommendations which included capital improvements to the Badlands Landfill infrastructure beyond that which was originally budgeted in the fiscal 06/07 budget. The Department has included a request for a budget adjustment for this project with its first quarter budget analysis in the amount of \$500,000. The Department recommends that the Board approve the contract documents for the Construction of 2006 Winterization Improvements at the Badlands Landfill, and authorize the General Manager-Chief Engineer to advertise for bids.

AMC/AE:amc/ae

PD# 48122-v2

Attachments: Contract Documents for the Construction of 2006 Winterization Improvements at the Badlands Landfill