

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



239

FROM: Waste Management Department

SUBMITTAL DATE:
August 25, 2003

SUBJECT: The Construction of Liner System at Canyon 4, Phase 2 Expansion at the Badlands Sanitary Landfill - Contract Order No. 3.

RECOMMENDED MOTION: That the Board approve Contract Change Order No. 3 (C.C.O.3) to the contract for the Construction of the Liner System at Canyon 4, Phase 2 (C4P2) Expansion at the Badlands Sanitary Landfill, and authorize the Chairman to execute it.

BACKGROUND: On September 10, 2002, the Board awarded L.D. Anderson, Inc. (Contractor) the contract to construct the liner system for the C4P2 Expansion project at the Badlands Sanitary Landfill. On December 10, 2002, the Board approved Contract Change Order No. 1 (C.C.O.1) authorizing an additional quantity for refuse excavation and extra work required to comply with the California Regional Water Quality Control Board (CRWQCB) - Santa Ana Region Cease and Desist Order. On April 1, 2003, the Board approved the Contract Change Order No. 2 (C.C.O.2) increasing the amount of the contract as a result of unanticipated liner repairs associated with work allowed under C.C.O.1 and authorizing early compensation for the cost of High Density Polyethylene (HDPE) Liner material. (Cont'd)

COUNTY COUNSEL
 AUG 28 2003
 BY: *[Signature]*
 Departmental Concurrence

[Signature]

 Joseph R. McCann, General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 439,439	In Current Year Budget:	YES
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	NO
	Annual Net County Cost:	\$ 0	For Fiscal Year:	03/04

SOURCE OF FUNDS: Waste Management Department Disposal Fee Revenues	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input checked="" type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

[Signature]

County Executive Office Signature

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

Prev. Agn. Ref.: 12.2(9/10/02) | District: 5 | Agenda Number:
 12.2(12/10/02) 12.1(4/1/03)

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

12.5

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This Contract Change Order No. 3 allows the Department to increase the engineered fill and the lined area with related work as described in the C.C.O.3. Excavation material was initially planned to be stockpiled in this area. However, by converting it into engineered fill and lining this area, the Department will experience an increase in landfill capacity at the competitive unit costs originally bid, effectively eliminating this item of work from future expansion projects. The subtotal cost for this additional work is \$224,969.

In addition, the Department has agreed to use Gunitite and 32 oz/yd² geotextile on 1:1 slopes to address out-of-scope subgrade preparation concerns raised by the Regional Water Quality Control Board-Santa Ana Region (RWQCB-SAR) and concurred with by the Department's third party QA/QC consultant. The Department views this solution to a difficult regulatory compliance issue as a potential long-term benefit, should 1:1 slopes be considered for future expansions, as a standardized design for such steep slopes is not available within the industry. Standardization of lining on such steep side slopes could also further provide increased capacity within existing landfill permits for use on future expansion projects. The subtotal cost for this additional work is \$214,470.

The total additional cost for this work is estimated to be \$439,439 resulting in a total contract cost of \$5,585,678. The Contractor will be allowed an additional 60 days to perform these tasks.

This project is budgeted in Fund 40200, Department ID No. 4500100000, Program 99924, Class 4277, Account 524820.

SG:sg:tpb