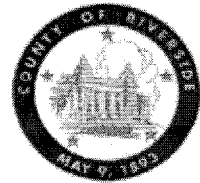


**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

357



FROM: Waste Management Department

SUBMITTAL DATE:
September 20, 2007

SUBJECT: The Construction of Liner System Phase 2, Stage 3 Expansion at the Lamb Canyon Sanitary Landfill – Contract Change Order No. 3

RECOMMENDED MOTION: That the Board of Supervisors:

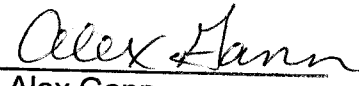
1. Approve Contract Change Order No. 3 (CCO No.3) to the contract for the Construction of Liner System for Phase 2, Stage 3 Expansion at the Lamb Canyon Sanitary Landfill; and authorize the Chairman to execute it on behalf of the Department .
2. Authorize the reduction of the project retention funds from 10 to 5 percent.

BACKGROUND: On June 12, 2007, the Board approved Contract Change Order No. 2 for the excavation and relocation of sludge material from five (5) inactive septic/grease ponds. The work was authorized on a time and materials basis and had an estimated cost of \$155,000.00 based on an estimated amount of material to be moved. (Cont'd)


Hans W. Kernkamp, General Manager-Chief Engineer

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 111,052.49	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:	2008

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

C.E.O. RECOMMENDATION: APPROVE
BY: 
Alex Gann
County Executive Office Signature

Dep't Recomm.: Consent Policy

Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: 10/17/06 (12.1), 12/5/06 (12.1), 3/13/07 (12.3), 6/12/07 (12.2) | **District:** 5 | **Agenda Number:**

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

12.1

FORM APPROVED COUNTY COUNSEL
BY:  9/25/07
DATE
NEAL R. KIPNIS
Departmental Concurrence

The actual quantity of excavated sludge material exceeded the estimate due in part to the grease ponds being substantially deeper than historical records of already excavated ponds indicated. The limits of the deposited sludge material and corresponding volumes could not have been determined without excavating the entire quantity. This increase in excavation quantity resulted in a total cost of \$244,966.98, which is an increase of \$89,966.98 from the initial estimated amount.

This Change Order also includes the purchase of the remaining geosynthetic liner materials from Road Builders, Inc. (Contractor) which will be used to repair any damage to the existing liner system in the future. Department staff has identified several advantages to acquiring the remaining liner material. These include 1) no additional testing cost: this material will not require further QA/QC conformance testing for meeting regulatory requirements because it has already been tested and approved during this project. If the Department purchased new materials, they would have to be tested and approved prior to use; 2) quick response time for repairing liner damages because the material will be on site; and 3) reduced material cost: comparing the cost to purchase new material with the contract cost (eliminating the installation cost which was included in the initial contract unit prices for the relevant bid items) corresponds with a reduce rate. Also, the Department will not have to pay delivery charges (which it would have to pay to purchase new material). The Department has negotiated with the Contractor reduced unit prices for each type of liner material. Based on these reduced unit prices, the total cost for this material amounts to \$21,085.51, which is a fair and reasonable cost for the quantity of material.

Lastly, as provided in the Contract Document (General Provisions Section 7.5) and given the final status of the project, the Contractor has requested, and the Department agrees, that it is appropriate to reduce the retention funds from 10 percent to 5 percent of the total amount paid to date and for all future progress payments. This request was made because the original contracted work has been satisfactorily completed on schedule and within budget, and the regulatory agencies have already approved the constructed liner system. The only remaining work for the final completion of this project is the excavation of an additional 500,000 cubic yards of material for the future Phase 2, Stage 4 expansion area (this work is progressing satisfactorily and was added to the original scope via Contract Change Order No. 1 that was approved by the Board on March 13, 2007). This request, if authorized, does not impact the total cost for the project.

The total change order is in the amount of \$111,052.49 (\$89,966.98 for clean closure of septic ponds, and \$21,085.51 for the purchase of excess geosynthetic liner materials). If approved, CCO No. 3 increases the total contract amount from \$12,966,944 to \$13,077,996.49. The Department recommends approval of CCO No. 3.

Budget for this additional work will be provided from Fund 40200, Department ID - 450010000

Attachment: Contract Change Order No. 3

FM/JG:fm/jg
PD#57287v1