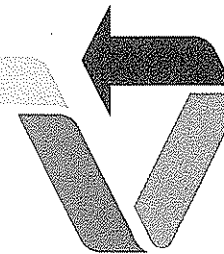


# VENTURA REGIONAL SANITATION DISTRICT

1001 PARTRIDGE DRIVE, SUITE 150 ■ VENTURA, CA 93003-0704



A Public  
Waste  
Management  
Agency

January 21, 2011

Board of Directors  
Ventura Regional Sanitation District  
Ventura, California

## **TOLAND LANDFILL PHASE 3B LINER CONSTRUCTION UPDATE AND CHANGE ORDER NO. 3 TO VRSD CONTRACT NO. 10-004 WITH SUKUT CONSTRUCTION, INC.**

### **Background**

VRSD Contract No. 10-004 was awarded to Sukut Construction, Inc. (Contractor) for construction of the Toland Landfill Phase 3B Liner on May 6, 2010, for a not-to-exceed amount of \$4,816,935. The Notice to Proceed was issued on March 18 and work was initiated on June 1, 2010. Change Order No. 1 was approved on October 7, 2010, for \$83,037.50. Change Order No. 2 was approved on November 18, 2010 for \$59,510.24. Staff is recommending Change Order No. 3 for a net zero change in cost. The total contract will remain at \$4,959,482.74, as it was at the end of Change Order No. 2.

Sukut Construction, Inc. (Contractor) has completed the Part 1 area of the Phase 3B Liner. It was approved for use by the Regional Water Board and VRSD operations began filling refuse in the area on December 6, 2010. Sukut completed their drainage related work for the season, and has demobilized from site until Part 2 work restarts after the rainy season. Mass excavation of the Part 2 area is essentially complete, with only a thin layer of soil left over the final excavation limits left to protect the area while it exposed during the the rainy season. The skin will be removed and lined to complete the project this summer. We forecast completion of Part 2 by September 2011, likely earlier.

Change Order No. 3 is summarized below. Please refer to the attached Change Order for more detail. Attachments to the Change Order provide further information and may be reviewed by contacting the Clerk of the Board.

Item 1: Adjustment of Existing Bid Item Quantities.	(\$74,526.00)
Item 2: Change Road from Asphalt-Concrete to Concrete in Steep Areas.	\$0.00
Item 3: Additional Part 1 V-Ditches.	\$26,000.00
Item 4: Stabilizing Part 2 NE Sandy Slope Cut and Miscellaneous Work.	<u>\$48,526.00</u>

Change Order No. 3 Total: \$0.00

Ventura County • **CITIES:** Camarillo • Fillmore • Ojai • Oxnard • Port Hueneme • San Buenaventura • Santa Paula • Thousand Oaks

**SPECIAL DISTRICTS:** Camarillo Sanitary • Camrosa Water • Channel Islands Beach Community Services • Montalvo Municipal Improvement •

Ojai Valley Sanitary • Saticoy Sanitary • Triunfo Sanitation • Ventura County Waterworks Nos. 1 and 16

The table below summarizes the contract and change orders to date.

DATE	REFERENCE	PURPOSE	AMOUNT
5/06/10	Contract 10-004	Initial award of contract – Board approved.	\$4,816,935.00
5/18/10	Notice to Proceed	Authorization to commence work.	n/a
10/7/10	Change Order No. 1	Additional alluvial removal and slide mitigation, K-rail relocation, gas and leachate pipe location, slope overbuild trim, additional unsuitable removals, reduction in refuse excavation and composite liner quantities, time extension, additional hydroseeding, debris/wet removals, repioneering access, N. bench tie-in.	\$83,037.50
11/18/10	Change Order No. 2	Increase hydroseeding, adjust quantities to reflect changing field conditions, sub-drain installation in over-excavation area, refuse limit as-built surveying/documentation/ subgrade, restaking and grading, damaged tires in debris areas cut.	\$59,510.24
2/17/11	Change Order No. 3	Adjust of existing bid item quantities, change steep road from AC to concrete, additional part 1 v-ditches, stabilize part 2 NE sandy slope cut and miscellaneous work.	\$0.00
	<b>TOTAL:</b>		\$4,959,482.74

Legal Counsel has reviewed and approved the proposed change order as to legal form. If you have any questions or need additional information, please contact me at 658-4639.

**Fiscal Impact**

Appropriate monies are budgeted in the Fiscal Year 2010-2011 budget and are being budgeted for the Fiscal Year 2011-2012 budget.

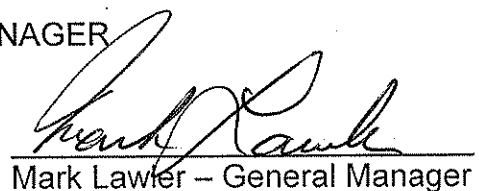
**Recommendation**

It is recommended the Board authorize the Chairman to sign Change Order No. 3 to VRSD Contract No. 10-004, Sukut Construction, Inc., for the Toland Landfill Phase 3B Liner Construction Project, a net zero cost change order, which maintain the contract price at \$4,959,482.74.



GREG GRANT, P.E. – SOLID WASTE DIVISION MANAGER  
 Enc.

APPROVED FOR FEBRUARY 17, 2011 AGENDA



Mark Lawler – General Manager

## VENTURA REGIONAL SANITATION DISTRICT

**CHANGE ORDER**

Distribution to:  
 CONTRACTOR (X)  
 PROJECT MANAGER (X)  
 FINANCE (X)

**PROJECT:** Toland Landfill – Phase 3B Liner Construction

**CHANGE ORDER NUMBER:** 3

**CONTRACT:** 10-004

**INITIATION DATE:** 1/5/2011

**TO:** Michael Crawford, President  
 Sukut Construction, Inc.  
 4010 West Chandler Avenue  
 Santa Ana, CA 92704

**CONTRACT DATE:** 5/6/2010

**The following Changes in, additions to, or deletions from the work specified in Contract Plans and Specifications are hereby authorized:**

All work in this Change Order, unless stated otherwise (i.e. – by bid item or other agreed upon reimbursement) shall be reimbursed by equipment costs according to equipment and labor rates per the Contract. Contractor shall provide tickets on a daily basis, reviewed and approved (if applicable) by the District. All work shall be conducted within the guidelines of the Contract Documents.

**Item 1 – Adjustment of Existing Bid Item Quantities.**

Existing Bid Item Quantities are adjusted per below to the current estimate of final quantities. Over-excavation of unsuitable material was increased because of excavation in the Part 1 and 2 areas encountered substantially more unsuitable materials than originally anticipated. Excavation quantities were substantially decreased primarily because the phase 1 refuse limits were found south of original estimates, which decreased soil excavation. The exposed phase 1 limits being further south also reduced clay liner, protective cover, and geotextile quantities. In response to increased emphasis on reducing stormwater erosion of cut slopes from regulators, 2 additional acres of hydroseeding were added along the landfills main access road and other areas not originally intended for hydroseeding. Other miscellaneous quantities were adjusted to meet field conditions.

Item No.	Item Description	Unit Price	Unit	Change	
				Quantity	\$
7	Over-excavate unsuitable soil	\$3.00	CY	32,509	\$97,527.00
9	Excavate native soil, haul to stockpile	\$2.59	CY	(41,618)	(\$107,790.62)
11	Hydroseed	\$14,000.00	Acre	2.0	\$28,000.00
19	Clay liner on floor	\$4.00	CY	(3,320)	(\$13,280.00)
20	Clay liner on slopes	\$12.00	CY	(1,410)	(\$16,920.00)
23	Protective cover on floor	\$3.25	CY	(4,380)	(\$14,235.00)
24	Protective cover on slopes	\$6.50	CY	(4,422)	(\$28,743.00)

6-3

36	Supply geotextile	\$0.22	SF	(37,574)	(\$8,266.28)
36A	Install geotextile	\$0.13	SF	(95,870)	(\$12,463.10)
38	Gravel roads	\$20.00	SY	(121)	(\$2,420.00)
40	Asphalt curbs	\$7.00	LF	597	\$4,179.00
41	Shotcrete slope protection	\$1.50	SF	(5,076)	(\$7,614.00)
43	Catch basins	\$7,500.00	Each	1	\$7,500.00
	Total				<u>(\$74,526.00)</u>

Item Subtotal: (\$74,526.00) (credit/reduction)

**Item 2 – Change Road from Asphalt-Concrete to Concrete in Steep Areas.**

Steep sections of the perimeter drain/road were difficult to place as asphalt-concrete. The contractor proposed placing these sections as concrete at no additional cost to the District. This change approves that proposal.

Item Subtotal: \$0 (no cost).

**Item 3 – Additional Part 1 V-Ditches.**

V-Ditches were required to intercept drainage from the canyons above the Part 1 area and reduce erosion across the disturbed area (cut and filled areas above Part 1). See proposal from Sukut dated 1/24/2011.

Item Subtotal: \$26,000

**Item 4 – Stabilizing Part 2 NE Sandy Slope Cut and Miscellaneous Work.**

The northeast slope in the part 2 areas exposed fine sand underlain by clay. Rain infiltrating through the sand and seeping out at the clay interface was causing a potentially unstable condition. Sukut was directed to pioneer into and cut back the slope to a more stable condition. This item pays for field tickets tracking the pioneering work and related survey work.

Additionally, this item pays for field tickets tracking backhauling soil required because unanticipated unsuitable material excavated at the bottom of part 2 required significant backfilling, which required backhauling soil from the north stockpile, whereas Sukut had planned and provided for stockpiling per the original estimates. Other minor work includes the relocating a gas header on the east access road, raising the grade of the west access road, cutting benches on the slope just south of the east access road and welding pipe for additional utility crossings.

This item covers the cost of equipment and labor for this item. See attached backup for further detail.

Item Subtotal: \$48,526.00

6-4

**Change Order No. 3 Summary:**

Item 1: Adjustment of Existing Bid Item Quantities.	(\$74,526.00)
Item 2: Change Road from Asphalt-Concrete to Concrete in Steep Areas.	\$0.00
Item 3: Additional Part 1 V-Ditches.	\$26,000.00
Item 4: Stabilizing Part 2 NE Sandy Slope Cut and Miscellaneous Work.	<u>\$48,526.00</u>
<b>Change Order No. 3 Total:</b>	<b>\$0.00</b>

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The original contract amount was . . . . .	\$4,816,935.00
Net change by previously authorized Change Orders. . . . .	\$142,547.74
The Contract Sum prior to this Change Order was . . . . .	\$4,959,482.74
The Contract Sum will be increased by this Change Order . . . . .	\$0.00
The new Contract Sum including this Change Order will be . . . . .	\$4,959,482.74
The Contract Time for Stage 1 will be increased . . . . .	0 calendar days
The Contract Time for Stage 2 will be increased . . . . .	0 calendar days

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The undersigned CONTRACTOR, having given careful consideration to the changes proposed, hereby agrees if this proposal is approved by the DISTRICT, that the CONTRACTOR will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work specified above, and will accept as full payment therefore the prices shown above.

Accepted:

Approved:

SUKUT CONSTRUCTION, INC.

VENTURA REGIONAL SANITATION DISTRICT

\_\_\_\_\_  
BY: MICHAEL CRAWFORD, President

\_\_\_\_\_  
BY: JAMES L. MONAHAN, Chairman

DATE:

DATE:

**INTERNAL USE ONLY**

Principal Analyst \_\_\_\_\_

Finance Manager *[Signature]* 2/4/11

Director of Finance VD

Fiscal Technician \_\_\_\_\_