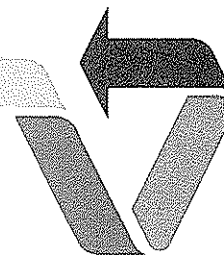


# VENTURA REGIONAL SANITATION DISTRICT

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



A Public  
Waste  
Management  
Agency

August 22, 2011

Board of Directors  
Ventura Regional Sanitation District  
Ventura, California

## **TOLAND LANDFILL PHASE 3B LINER CONSTRUCTION UPDATE AND CHANGE ORDER NO. 4 TO VRSD CONTRACT NO. 10-004 WITH SUKUT CONSTRUCTION, INC.**

### **Background**

VRSD Contract No. 10-004 was awarded to Sukut Construction, Inc. (Sukut) 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. Change Order No. 3 was a net zero cost change order that allowed for the adjustment of existing bid item quantities and other miscellaneous work.

Sukut 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. In early 2011 Sukut left our site for the winter and then returned again in May to complete Part 2. The vast majority of their work during Part 2 is focused on final grading as well as clay and liner placement.

During benching operations in the subgrade area of Part 2, liquids were indentified. The soil was so saturated that it made it unsuitable as support for Phase 3B liner components. The unsuitable material had to be removed and conditions causing the liquid in this area had to be investigated. Final re-design of this area included installation of additional leachate collection recovery system piping, installation of a clay plug and re-installation of appropriate sub-grade soil (\$51,876.49).

Additionally, during grading operations for Part 2, the alignment of the stability berm and elevations had to be changed due to field conditions. Following grading of the southwest corner, it was decided that the alignment needed to be shifted back further into the access road which required Sukut to re-grade and finish this corner (\$5,225.00).

Change Order No. 4 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.

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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

Jem11-1

Item 1: Removal of saturated, unsuitable material	\$51,876.49
Item 2: Road re-grade and alignment	<u>\$5,225.00</u>
Change Order No. 4 Total:	\$57,101.49

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
09/01/11	Change Order No. 4	Remove saturated unsuitable material, and road re-grade and alignment.	\$57,101.49
	<b>TOTAL:</b>		<b>\$5,016,584.23</b>

The cumulative total of change orders to date is 4.1% of the original project cost. It is important to note that due to the substantial rainfall that was received at the site over this past winter, there may be additional drainage or road repairs that need to be made while this contractor is still on site.

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 658-4674.

**Fiscal Impact**

Appropriate monies are budgeted in the Fiscal Year 2011-2012 budget.

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**Recommendation**


It is recommended the Board authorize the Chairman to sign Change Order No. 4 to VRSD Contract No. 10-004, Sukut Construction, Inc., for the Toland Landfill Phase 3B Liner Construction Project, in the amount of \$57,101.49 with an adjusted contract amount of \$5,016,584.23



SALLY COLEMAN – DIRECTOR OF OPERATIONS

Enc.

APPROVED FOR SEPTEMBER 1, 2011 AGENDA

  
Mark Lawler – General Manager

# VENTURA REGIONAL SANITATION DISTRICT

## CHANGE ORDER

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

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

**CHANGE ORDER NUMBER:** 4

**CONTRACT:** 10-004

**INITIATION DATE:** 09/01/11

**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 – Part 2 Saturated Soil Removal/ Installation of New Leachate Collection System & Clay Plug**

Remove saturated, unsuitable material.

Item 1 Subtotal: \$51,876.49

**Item 2 – K-Rail Removal and Relocation**

Road re-grade and alignment.

Item 2 Subtotal: \$5,225.00

**Change Order No. 4 Summary:**

Item 1: Remove saturated, unsuitable material.

\$51,876.49

Item 2: Road re-grade and alignment.

\$5,225.00

**Change Order No. 4 Total:**

**\$57,101.49**

11-4

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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 . . . . .	\$57,101.49
The new Contract Sum including this Change Order will be . . . . .	\$5,016,584.23
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:

SUKUT CONSTRUCTION, INC.

Approved:

VENTURA REGIONAL SANITATION DISTRICT

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

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

DATE:

DATE: