

FORM APPROVED COUNTY COUNSEL 2/17/15
 BY: GREGORY P. PRIAMOS DATE

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

228



FROM: Waste Management Department

SUBMITTAL DATE:
 February 6, 2015

SUBJECT: 2014 Site Maintenance and Improvements Project – Contract Change Order No. 2, Districts 5, and 3 [\$145,015.05 – Waste Management Department Enterprise Funds]

RECOMMENDED MOTION: That the Board of Supervisors:
 1. Approve Contract Change Order No. 2 (CCO No. 2) in the amount of \$145,015.05, to the Contract with Road Builders, Inc. (Contractor) for additional work at the Badlands and Highgrove landfills.

BACKGROUND:

Summary

On September 23, 2014, the Board awarded the Contractor the contract for the Construction of the 2014 Site Maintenance and Improvement Project at multiple sites including Badlands, Lamb Canyon, Highgrove, Menifee, and Beaumont landfills. The total contract amount was \$1,409,656.90.

On November 21, 2014, the Lamb Canyon Landfill was subjected to a heavy rainstorm that caused severe damage to a drainage/liner termination bench within the recently completed Phase 2, Stage 4 expansion area. (continued)

[Signature]
 Hans Kernkamp
 General Manager-Chief Engineer

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 145,015.05	\$ 0	\$ 145,015.05	\$ 0	Consent <input type="checkbox"/> Policy <input type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0	

SOURCE OF FUNDS: Waste Management Department Enterprise Funds
 Budget Adjustment: No
 For Fiscal Year: 14/15

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

MINUTES OF THE BOARD OF SUPERVISORS

- Positions Added
- Change Order
- A-30
- 4/5 Vote

COUNTY

Prev. Agn. Ref.: 9/23/14 District: 5, 3 Agenda Number: **12-1**

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11 2014 Site Maintenance and Improvements Project, District 5/5, 5/2, 2/2, 3/3 [\$145,015.05 –
Waste Management Department Enterprise Funds]**

DATE: February 6, 2015

PAGE: 2 of 2

BACKGROUND: (cont.)

In order to protect the liner system from further damage, the Department directed the Contractor to implement the necessary repair work. On December 1, 2014, the Department's General Manager-Chief Engineer approved Contract Change Order No.1 (CCO No.1) in the amount of \$75,000 to complete this work. The Contractor completed the repair work on December 15, 2014, for a total cost of \$29,696.23, which is \$45,303.77 below the authorized amount for CCO No.1.

In December 2014, four significant rain events produced a total of three-plus inches of rain, which restricted public access to the active disposal area within the new Canyon 4, Phase 3 expansion area at the Badlands Landfill, and also caused damage to the final landfill cover system at the Highgrove Landfill. These conditions increased the required drainage improvement quantities under the contract for a total amount of \$111,161.82. It is recommended that the Department utilize the remaining \$45,303.77 from CCO No., 1 along with an additional amount of \$65,858.05 in the attached CCO No.2, to compensate the contractor.

Department staff also needs to abandon two pipe culverts by means of pressure grout/slurry backfill, and patching the geosynthetic liner system at the downstream end of the recently completed expansion area at the Badlands Landfill. This work is necessary to allow the disposal activities to progress vertically within the expansion area. The Contractor has submitted a quote of \$79,157.00 to implement the work, and the Department has deemed the quoted price to be reasonable based on similar work at the Lamb Canyon Landfill. This work is also included in the attached CCO No. 2.

The total contract amount increase due to CCO No.2 is \$145,015.05 (\$65,858.05 and \$79,157.00), thus increasing the final project cost to \$1,629,671.95.

Impact on Citizens and Businesses

None

SUPPLEMENTAL:

Additional Fiscal Information

Budget for this additional work will be provided from Fund 40200, Department ID – 4500100000.

Contract History and Price Reasonableness

The actual cost of the additional work performed by the Contractor was determined based on a combination of contract unit prices and "force account" basis as described in Section 2.7 (Extra Work), Section 2.8 (Payment for Extra Work), and Section 7.3 (Force Account Payment) of the General Provisions in the Contract Documents.

RIVERSIDE COUNTY WASTE MANAGEMENT DEPARTMENT

Project: 2014 Site Maintenance and Improvements Sheet 1 of 2

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE WASTE MANAGEMENT DEPARTMENT AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

Change Order No. 2 (CCO#2) includes: (1) Bid items quantity changes; and (2) proposed additional work for the progressive abandonment of drainage culverts within the new Canyon 4 Phase 3 landfill expansion area at Badlands Landfill.

Bid items quantity changes:

The Department and Road Builders, Inc. (Contractor) have mutually agreed to adjust the quantities for several bid items in this contract. This adjustment has resulted in quantity increase, decrease, or elimination of several bid items including, but not limited to, concrete & shotcrete drainage structures (increase), earthen berm & landfill access road at Highgrove landfill (increase), soil cement roadway (decrease), greenwaste application over slopes (decrease) and onsite rock relocation (elimination). Attachment A to this contract change order includes a summary of the final quantity adjustments and the corresponding costs for all bid items.

The cost impact due to these quantity adjustments amounts to an increase of \$65,858.05

Abandonment of two (2) drainage culverts at Badlands landfill:

This work will require two (2) mobilization/demobilization events to complete the abandonment of two drainage culverts. Based on the anticipated trash fill progression in this expansion area, the Department estimates an approximate six-month period between the abandonment of each pipe. Contractor shall also install geosynthetic liner system materials over each pipe inlet immediately following the abandonment of each pipe culvert. Department-supplied geosynthetics materials, including Geosynthetic Clay Liner, 60-mil Flexible Membrane Liner (double-side textured), and sixteen (16) oz./s.y. Geotextile shall be used by

Cost: Decrease - \$ _____ or Increase \$ 145,015.05

Three (3) additional working days have been added to the contract due to this Change Order.

Submitted by: [Signature]

Date: 2/9/15

Approved by: [Signature]
General Manager-Chief Engineer
Waste Management Department

Date: 2/9/15

Chairman, Board of Supervisors

Date: _____

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted By: [Signature] Date: 2-10-15

Contractor: Road Builders, Inc
Title: PRESIDENT

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

FORM APPROVED COUNTY COUNSEL
BY: [Signature] DATE: 2/10/15
NEAL R. KIPNIS

RIVERSIDE COUNTY WASTE MANAGEMENT DEPARTMENT

Project: 2014 Site Maintenance and Improvements Sheet 2 of 2

CONTRACT CHANGE ORDER NO. 2

To: Road Builders, Inc., Contractor, you are hereby directed to make the herein described changes from the plans and specifications or to do the following described work not included in the plans and specifications.

NOTE: THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE GENERAL MANAGER-CHIEF ENGINEER OF THE WASTE MANAGEMENT DEPARTMENT AND/OR THE BOARD OF SUPERVISORS OF RIVERSIDE COUNTY.

Description of work to be done, estimate of quantities, and prices to be paid. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. Change requested by Riverside County:

the Contractor for this work. Department has received and accepted Contractor's submitted quote of \$79,157.00 for all work related to the abandonment of the two (2) drainage culverts as indicated above and further itemized in Attachment B - *Proposed Culvert Abandonments: Contractor Itemized Bid Schedule (Badlands Landfill)*.

The Department and Contractor agree that the final project cost with the addition of CCO#2 will increase to \$1,629,671.95.

Attachment A - *Final Adjusted Bid Item Costs*

Attachment B - *Proposed Culvert Abandonments: Contractor Itemized Bid Schedule (Badlands Landfill)*

PD#167173

Cost: Decrease - \$ _____ or Increase \$ 145,015.05

Three (3) additional working days have been added to the contract due to this Change Order.

Submitted by: _____

Date: _____

Approved by: _____

Date: _____

General Manager-Chief Engineer
Waste Management Department

Chairman, Board of Supervisors

Date: _____

We, the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may be otherwise noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

Accepted: _____ Date: _____

Contractor: _____

By: _____

Title: _____

If the Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to the proceeding with the ordered work and filing a written protest within the time therein specified.

Riverside County Waste Management Department
2014 Site Maintenance & Improvements Project
Attachment A –Final Adjusted Bid Item Quantities and Costs

Bid Item No.	Description of Work	Unit	Original		Adjusted		Cost Impact (Increase)/ Decrease (\$)
			Quantity	Cost (\$)	Quantity	Cost (\$)	
1	Concrete Drainage Structures	SF	3,240	\$ 38,880.00	4,119	\$ 49,428.00	\$ (10,548.00)
2	Shotcrete Drainage Structures	SF	10,820	\$ 108,200.00	18,652	\$ 186,520.00	\$ (78,320.00)
3	Earthen Berm	LF	1,900	\$ 22,800.00	3,409	\$ 40,908.00	\$ (18,108.00)
4	Onsite Rock Relocation	LS	1	\$ 3,000.00	-	\$ -	\$ 3,000.00
5	Sedimentation Basin Culvert Pipe System	LS	1	\$ 7,000.00	1	\$ 7,000.00	\$ -
6	3-inch thick Asphalt Concrete Structures	SF	19,930	\$ 119,580.00	20,127	\$ 120,762.00	\$ (1,182.00)
7	4-inch thick Asphalt Concrete Structures	SF	1,600	\$ 12,800.00	1,188	\$ 9,504.00	\$ 3,296.00
8	6-inch Asphalt Concrete Berm	LF	250	\$ 3,250.00	283	\$ 3,679.00	\$ (429.00)
9	Soil Cement Roadway	SF	174,615	\$ 226,999.50	138,806	\$ 180,447.80	\$ 46,551.70
10	Rip-Rap Downdrain Improvements	LS	1	\$ 26,000.00	1	\$ 26,000.00	\$ -
11a	Aggregate Base Roadway	SF	65,500	\$ 104,800.00	55,929	\$ 89,486.40	\$ 15,313.60
11b	Furnish and Stockpile Class II Base Material	Tons	0	\$ -	-	\$ -	\$ -
12	Polyethylene Drainage Channel	SF	20,000	\$ 40,000.00	21,482	\$ 42,964.00	\$ (2,964.00)
13	Gabion Baskets	EA	14	\$ 2,800.00	18	\$ 3,600.00	\$ (800.00)
14	Fiber Rolls	LF	4,300	\$ 12,900.00	4,300	\$ 12,900.00	\$ -
15	Silt Fence	LF	3,500	\$ 35,000.00	3,500	\$ 35,000.00	\$ -
16	Weed Abatement	AC	12.4	\$ 6,696.00	12	\$ 6,696.00	\$ -
17a	Landfill Bench Re-Grading	LF	25,000	\$ 75,000.00	25,000	\$ 75,000.00	\$ -
17b	Silt Relocation for Landfill Bench Re-Grading	LS	1	\$ 16,000.00	1	\$ 16,000.00	\$ -
18	New Rip-Rap Drainage Structure		0	\$ -	-	\$ -	\$ -
19	Greenwaste Application Over Slopes	SF	731,808	\$ 36,590.40	629,200	\$ 31,460.00	\$ 5,130.40
20	Wet Weather Dumping Pad	SF	0	\$ -	-	\$ -	\$ -
21	25-Foot High Litter Fence	LF	2,000	\$ 200,000.00	1,964	\$ 196,400.00	\$ 3,600.00
22	Erosion Control Netting and Hydroseed Slopes	AC	0.5	\$ 16,000.00	0.57	\$ 18,240.00	\$ (2,240.00)
23	Erosion Control Blanket and Hydroseed Slopes	AC	0.5	\$ 15,000.00	0.52	\$ 15,600.00	\$ (600.00)
24	Time & Material	NA	1	\$ 60,000.00	1.23	\$ 73,915.72	\$ (13,915.72)
25a	Landfill Deck Access Road	CY	19,090	\$ 55,361.00	18,886	\$ 54,769.40	\$ 591.60
25b	Canyon Floor Access Road	CY	0.0	\$ -	-	\$ -	\$ -
26	Daily Earthen Material Stockpile	CY	60,000	\$ 165,000.00	55,000	\$ 151,248.70	\$ 13,751.30
DM1	LC - Design Modification No. 1 Construction of HDPE drain	LS	0	\$ -	1	\$ 70,240.50	\$ (70,240.50)
DM3	Design Modification No. 3 Hydroseed Landfill Toe Berm	SF	0	\$ -	43,560	\$ 3,049.20	\$ (3,049.20)
CCO#1	LC - Change Order No 1 Storm Damage Repair	LS	1	\$ 75,000.00	0.40	\$ 29,696.23	\$ 45,303.77
CCO#2	Badlands C4P3 Culvert Abandonments	LS	0	\$ -	1.00	\$ 79,157.00	\$ (79,157.00)
FINAL PROJECT COSTS:				\$ 1,484,656.90		\$ 1,629,671.95	\$ (145,015.05)

Riverside County Waste Management Department
 2014 Site Maintenance & Improvements Project
**Attachment B - Proposed Culvert Abandonments: Contractor Itemized Bid Schedule
 (Badlands Landfill)**

Bid Item No.	Item of Work	Unit	QTY	Unit Cost	Total Cost
1	Mobilization & Demobilization	EA	2	\$ 6,500.00	\$ 13,000.00
2	Grout 42"CMP (Mob. #1)	LF	584	\$ 55.00	\$ 32,120.00
3	Grout 36"CMP (Mob. #2)	LF	554	\$ 45.00	\$ 24,930.00
4	Furnish GCL Roll	EA	1	\$ 4,500.00	\$ 4,500.00
5	Install GCL (Mob. #1)	SF	223	\$ 10.00	\$ 2,230.00
6	Furnish FML Roll	EA	1	\$ 9,800.00	\$ 9,800.00
7	Install FML (Mob. #1)	SF	291	\$ 13.00	\$ 3,783.00
8	Furnish Geotextile Roll	EA	1	\$ 2,000.00	\$ 2,000.00
9	Install Geotextile (Mob. #1)	SF	182	\$ 17.00	\$ 3,094.00
TOTAL:				\$	79,157.00