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Received by SWDD

MAR 21 2019

Indian River County
Landfill

March 21, 2019

Mr. Himanshu Mehta, P.E.
Managing Director
Solid Waste Disposal District
1325 74th Ave SW
Vero Beach, FL 32968

Subject: Indian River County Solid Waste Disposal District.
Segment 3 Cell 2 Expansion, Segment 2 Partial Closure,
and Landfill Gas System Expansion
IRC Contract No.: 2018025
Change Order No. 3 – Rain Delays and Additional Closure Drain

Dear Mr. Mehta:

Transmitted herewith are three copies of the Change Order Number 3 which grants the contractor 27 additional days for Milestone 1, the Segment 2 partial closure activity, Milestone 2, Segment 3 Cell expansion and the final completion. Twenty-three of the days are granted for work that was impacted by rain and wet working conditions. While rain is not always a cause for delay on typical construction projects, it is more impactful to operations on the placement of fill and working on the landfill sideslopes.

Four additional days are associated with the installation of an underdrain along the bottom edge of the liner that ties into Segment 1. Note the existing Segment 1 was previously closed with clay and this underdrain will help protect the transition from the new LLDPE liner to the existing clay by capturing water and diverting it to the stormwater downcomers. This portion of the change order will move \$12,236.97 from contingency to the project budget without a change to the overall contract of the project.

We trust the enclosed is sufficient for your review and the Board's approval. If you need any additional information or clarification, please do not hesitate to contact our office.

Sincerely,

Martin J. Lewis, P.E., BCEE, PMP
Project Manager
CDM Smith Inc.

MJL/jj





Mr. Himanshu Mehta, P.E.
March 21, 2019
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Attachment

File: PW_PL1_6706-228608.05.06.70

cc: Eric Grotke, CDM Smith
Kevin Vann, CDM Smith
Reinaldo Gonzalez, Thalle



CHANGE ORDER

No. 03

Indian River County Landfill,

Project: Segment 3 Cell 2 Expansion, Segment 2 Partial Closure, and
PROJECT Landfill Gas System Expansion +

DATE OF ISSUANCE March 21, 2019 EFFECTIVE DATE March 26, 2019

OWNER Indian River County

OWNER'S Contract No. IRC Bid No. 2018025 CDM Smith Project No. 6706-228608

CONTRACTOR Thalle Construction Co., Inc. ENGINEER CDM Smith Inc.

You are directed to make the following changes in the Contract Documents:

Description: 27 day extension to the Milestone 1, Milestone 2 and Final Completion Time

Reason for change order: Wet weather conditions and side slope working conditions. Additional Drainage +

Attachments: (List documents supporting change)

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price <u>\$ 16,034,260.00</u>	Original Contract Times Milestone 1 - November 5, 2018 Substantial Completion: <u>5/4/2019</u> Ready for final payment: <u>6/3/2019</u> Days or dates
Net changes from previous Change Orders No. <u>1</u> to No. <u>2</u> <u>\$ -2,659,127.14</u>	Net change from previous Change Orders No. <u>1</u> to No. <u>2</u> <u>Milestone 1 + 105 days</u> days
Contract Price prior to this Change Order <u>\$ 13,375,132.86</u>	Contract Time prior to this Change Order Milestone 1 - February 18, 2019 Substantial Completion: <u>No change</u> Ready for final payment: <u>No Change</u> Days or dates
Net Increase (decrease) in this Change Order Move \$12,236.97 from contingency into active <u>\$ project, no change to overall contract price.</u>	Net Increase in this Change Order Milestones + 27 days; MS-1 = 3/17/2019, MS-2 = <u>5/31/2019, Final Completion = 6/30/2019</u>
Contract Price with all approved Change Orders <u>\$ 13,375,132.86</u>	Contract Time with all approved Change Orders Substantial Completion: <u>5/31/2019</u> Ready for final payment: <u>6/30/2019</u> Days or dates

RECOMMENDED:

By: 

ENGINEER (Authorized Signature)

Date: 03/21/2019

APPROVED:

By: _____

OWNER (Authorized Signature)

Date: _____

ACCEPTED:

By: 

CONTRACTOR (Authorized Signature)

Date: 3/21/2019

EJCDC No. C-800 (2007 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General CONTRACTORS of America.

INDIAN RIVER COUNTY
 SEGMENT 3 CELL 2 EXPANSION, SEGMENT 2 PARTIAL
 CLOSURE, AND LANDFILL GAS SYSTEM EXPANSION
 Rain Delays
 CDM Smith Project No. 6706-228608

March 07, 2019

Date	Thalle Rain Log	Republic Rain Log	Vero Beach Airport*	CDM Smith Rec.
01-Nov-18	Trace			0
02-Nov-18	Trace	1.1	0.27	0
03-Nov-18	0.7			0
04-Nov-18	0.6		0.61	0
05-Nov-18	Trace			1
06-Nov-18	Trace			1
07-Nov-18	Trace			0
08-Nov-18	0.1	0.2		1
09-Nov-18	Trace			1
10-Nov-18	Trace			0
11-Nov-18	Trace	0.1		0
12-Nov-18	1.1		0.32	0
13-Nov-18	1.5	0.6	0.02	1
14-Nov-18	Trace			1
15-Nov-18	Trace	0.1	0.1	1
16-Nov-18	Trace			0
17-Nov-18	Trace			0
18-Nov-18	Trace			0
19-Nov-18	Trace			0
20-Nov-18	Trace			0
21-Nov-18	Trace			0
22-Nov-18	Trace			0
23-Nov-18	Trace			0
24-Nov-18	Trace			0
25-Nov-18	Trace			0
26-Nov-18	Trace			0
27-Nov-18	0.6			1
28-Nov-18	Trace			0
29-Nov-18	Trace			0
30-Nov-18	Trace			0
Thalle Requested Days		10		
		Subtotal Days Recommended:		8

Date	Thalle Rain Log	Republic Rain Log	Vero Beach Airport*	CDM Smith Rec.
01-Dec-18	Trace			0
02-Dec-18	Trace			0
03-Dec-18	Trace	0.6	0	0
04-Dec-18	0.06		0.06	1
05-Dec-18	Trace			0
06-Dec-18	Trace			0
07-Dec-18	Trace			0
08-Dec-18	Trace			0
09-Dec-18	0.1			0
10-Dec-18	Trace			0
11-Dec-18	Trace			0
12-Dec-18	Trace			0
13-Dec-18	0.1	0.2	0.01	1
14-Dec-18	Trace			0
15-Dec-18	0.6			0
16-Dec-18	Trace			0
17-Dec-18	Trace			0
18-Dec-18	Trace			0
19-Dec-18	0.1		0.04	0
20-Dec-18	0.9		0.82	1
21-Dec-18	0.1		0.01	1
22-Dec-18	Trace			0
23-Dec-18	Trace			0
24-Dec-18	Trace			0
25-Dec-18	Trace			0
26-Dec-18	Trace			0
27-Dec-18	Trace			0
28-Dec-18	0.1		0.01	0
29-Dec-18	Trace			0
30-Dec-18	Trace			0
31-Dec-18	Trace			0
Thalle Requested Days		8		
		Subtotal Days Recommended:		4

Date	Thalle Rain Log	Republic Rain Log	Vero Beach Airport*	CDM Smith Rec.
01-Jan-19	Trace			0
02-Jan-19	Trace			0
03-Jan-19	0.5		0.03	1
04-Jan-19	0.01		0.1	0
05-Jan-19	Trace			0
06-Jan-19	Trace			0
07-Jan-19	Trace			0
08-Jan-19	Trace			0
09-Jan-19	Trace			0
10-Jan-19	Trace			0
11-Jan-19	Trace			0
12-Jan-19	Trace			0
13-Jan-19	Trace			0
14-Jan-19	Trace			0
15-Jan-19	Trace			0
16-Jan-19	Trace			0
17-Jan-19	Trace			0
18-Jan-19	Trace			0
19-Jan-19	0.4	0.1		0
20-Jan-19	0.25		0.23	0
21-Jan-19	Trace			0
22-Jan-19	Trace			0
23-Jan-19	0.01			0
24-Jan-19	1.1	0.8	0.6	1
25-Jan-19	1			1
26-Jan-19	1.1			0
27-Jan-19	2.4	3.4	2.66	1
28-Jan-19	Trace			1
29-Jan-19	0.2			1
30-Jan-19	Trace			1
31-Jan-19	Trace			0
Thalle Requested Days		9		
		Subtotal Days Recommended:		7

Date	Thalle Rain Log	Republic Rain Log	Vero Beach Airport*	CDM Smith Rec.
01-Feb-19	Trace		0.04	0
02-Feb-19	Trace			0
03-Feb-19	Trace			0
04-Feb-19	Trace			0
05-Feb-19	Trace			0
06-Feb-19	Trace			0
07-Feb-19	Trace			0
08-Feb-19	Trace			0
09-Feb-19	Trace			0
10-Feb-19	Trace			0
11-Feb-19	Trace			0
12-Feb-19	0.01	0.8		0
13-Feb-19	1.1	0.5	0.89	1
14-Feb-19	Trace			1
15-Feb-19	Trace			0
16-Feb-19	Trace			0
17-Feb-19	Trace			0
18-Feb-19	Trace			0
19-Feb-19	Trace			0
20-Feb-19	Trace			0
21-Feb-19	Trace			0
22-Feb-19	Trace			0
23-Feb-19	Trace			0
24-Feb-19	Trace		0.01	0
25-Feb-19	Trace			0
26-Feb-19	0.01			0
27-Feb-19	1.1	0.5	0.85	1
28-Feb-19	Trace			1
Thalle Requested Days		6		
		Subtotal Days Recommended:		4

Notes:

Claimed Days By Thalle
 * Vero Beach Airport Referenced for comparison only

Total Thalle Requested Days: 33

Total Rain Days Recommended by CDM Smith: 23
 Extension of time associated with Toe Drain on Segment I: 4
 Total Recommended Days Extension to Milestone 1: 27

February 14, 2019

VIA EMAIL: LewisMJ@cdmsmith.com

Martin Lewis, P.E., BCEE
Construction/Project Manager
CDM Smith, Inc.
1701 Florida A1A #301
Vero Beach, Florida 32963

Subject:

Project: Indian River County Landfill Segment 3 Cell 2 Expansion, Segment 2 Partial Closure, And Landfill Gas System Expansion.
West Slope Toe Drain

Dear Mr. Lewis,

In response to the Request for Proposal received on February 7, 2019, Thalle is pleased to present this proposal for furnishing all labor, equipment, materials and incidentals to perform the additional work for placing a toe drain on the west slope. It is to be noted that the toe drain to be installed is quoted with pipe and geotextile only. The installation of rock is not included in this proposal. If it is found that rock needs to be installed, Thalle will provide an additional cost for installing the rock.

The total price for the additional work requested by CDM Smith \$12,236.97 (twelve thousand two hundred thirty-six thousand dollars and ninety-seven cents).

Attached to this letter is the breakdown of the \$12,236.97 (twelve thousand two hundred thirty-six thousand dollars and ninety-seven cents).

For this additional work Thalle is requesting 4 days in contract time extension.

Find attached the price breakdown.

If you have any further questions or concerns, do not hesitate to contact me.

Sincerely,



Reinaldo González, PM
Thalle Construction

cc. Chris Haverstrom P.E. , Thalle
Himanshu H. Mehta P.E. , IRC
Dan Lauth, CDM Smith
Amy M. Hightower, P.E. , CDM Smith

THALLE CONSTRUCTION COMPANY INC.

Indian River County Segment 3 Cell 2 Expansion, Segment 2 Partial Closure, and
Landfill Gas System Expansion

ITEM: Gravel Buffer Area- Existing Lift Station

DATE

14-Feb-19

DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
LABOR				
Superintendent	32.00	MH	\$ 45.42	\$ 1,453.44
Operators	36.00	MH	\$ 32.00	\$ 1,152.00
Laborers	24.00	MH	\$ 22.00	\$ 528.00
SUB-TOTAL				\$ 3,133.44
EQUIPMENT				
Polaris- 6 Seater	32.00	EH	\$ 4.92	\$ 157.44
Komatsu D61	4.00	EH	\$ 28.07	\$ 112.28
CAT 308	32.00	EH	\$ 17.50	\$ 560.00
Hand Tools	32.00	EH	\$ 14.00	\$ 448.00
Compactor	32.00	EH	\$ 38.88	\$ 1,244.16
Fuel	1.00	LS	\$ 530.00	\$ 530.00
SUB-TOTAL				\$ 3,051.88
MATERIALS AND SUBCONTRACTOR				
4" Preferated Pipe	1260	LF	\$ 1.10	\$ 1,386.00
Geotextile Fabric 8oz	1	EA	\$ 870.55	\$ 870.55
Geotextile Fabric 8oz, F&D	1	EA	\$ 375.00	\$ 375.00
SUB-TOTAL				\$ 2,631.55
SUB-TOTALS				
				\$ 8,816.87
OVERTIME FACTOR ON LABOR; 10%	10%			\$ 313.34
LABOR BURDEN	48.21%			\$ 1,510.63
SUB-TOTALS				\$ 10,640.85
15% MARK UP				
				\$ 1,596.13
TOTAL				\$ 12,236.97