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January 22, 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. 2 - Owner Direct Purchase

Dear Mr. Mehta:

Transmitted herewith are three copies of the Change Order Number 2 which deducts the cost of the owner direct purchased materials plus the associated tax savings from Contractor's contract. There were nine invoices process through the Owner Direct Purchase program as summarized in the attached Tables.

Indian River County has realized a net savings of \$142,570.31 in local and state taxes by purchasing the materials directly in accordance with the contract documents. The total deductive change order is \$2,659,127.14. Please note that some of the Purchase Orders contain nontaxable freight as outlined in Table 2.

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
Attachment
File: PW_PL1_6706-228608.05.06.70.CO No. 2





Mr. Himanshu Mehta, P.E.
January 22, 2019
Page 2

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



CHANGE ORDER

No. 02

Indian River County Landfill,

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

DATE OF ISSUANCE January 22, 2019 EFFECTIVE DATE January 16, 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: 105 day extension to the Milestone 1 time

Reason for change order: Wet weather conditions.

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>No change</u> Ready for final payment: <u>No Change</u> Days or dates
Net changes from previous Change Orders No. <u>1</u> to No. <u>1</u> \$ <u>No Change in Contract Price</u>	Net change from previous Change Orders No. <u> </u> to No. <u> </u> Milestone 1 + <u>105</u> days days
Contract Price prior to this Change Order \$ <u>\$16,034,260.00</u>	Contract Time prior to this Change Order Milestone 1 - February 16, 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 \$ <u>(\$2,659,127.14)</u>	Net Increase in this Change Order <u>0</u> days days
Contract Price with all approved Change Orders \$ <u>\$13,375,132.86</u>	Contract Time with all approved Change Orders Substantial Completion: <u>No Change</u> Ready for final payment: <u>No Change</u> Days or dates

RECOMMENDED:

By: [Signature]

APPROVED:

By: _____

ACCEPTED:

By: [Signature]

ENGINEER (Authorized Signature) OWNER (Authorized Signature) CONTRACTOR (Authorized Signature)

Date: 1/22/2019

Date: _____

Date: 1/22/19

EJCDC No. C-800 (2007 Edition)

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

Table 1 ODP by IRC PO

Date	PO No.	Vendor	PO Values:
08/07/2018	81223-00	QED	\$29,620.12
08/22/2018	81313-00	Forterra	\$56,909.85
08/29/2018	81387-00	AGRU	\$572,333.10
09/05/2018	81393-00	GSE	\$1,127,354.53
09/04/2018	81394-00	ISCO (1)	\$307,467.81
09/07/2018	81396-00	Amcol Intl. (CETCO)	\$184,945.00
09/24/2018	81427-00	Rexell	\$107,874.31
10/01/2018	82003-00	Air Compressor Works	\$44,730.61
10/04/2018	82013-00	ISCO (2)	\$85,321.50
Total PO Amount:			\$2,516,556.83
Sales Tax Savings:			\$ 142,570.31
Total Change Order Amount:			\$2,659,127.14

Table 2 ODP applied to Pay Item

Date	Vendor	Description	Pay App Line Item	ODP Amount	Sales Tax	Non Taxed (Freight)	Change Order Amount	IRC PO #	PO Total
08/07/2018	QED	LFG well dewatering assembly	2A.g.3	\$ 29,620.12	\$ 1,827.21		\$ 31,447.33	81223-00	\$ 29,620.12
08/22/2018	Forterra	24"x38" Elliptical RCP	1A.e.	\$ 14,160.00	\$ 899.60		\$ 15,059.60	81313-00	\$ 56,909.85
08/22/2018	Forterra	LDS Wet Well 48"	1C.a.	\$ 6,042.90	\$ 362.57		\$ 6,405.47	81313-00	
08/22/2018	Forterra	LDS Manhole 60"	1D.c.	\$ 5,924.76	\$ 355.49		\$ 6,280.25	81313-00	
08/22/2018	Forterra	LDS Manhole 60"	1D.c.	\$ 7,582.53	\$ 454.95		\$ 8,037.48	81313-00	
08/22/2018	Forterra	24" RCP	2A.b2	\$ 2,451.20	\$ 147.07		\$ 2,598.27	81313-00	
08/22/2018	Forterra	LCS Pump Station 72"	6A.a.	\$ 13,021.63	\$ 781.30		\$ 13,802.93	81313-00	
08/22/2018	Forterra	LCS Pumpout Manhole 60"	6A.c.	\$ 7,726.83	\$ 463.61		\$ 8,190.44	81313-00	
08/29/2018	AGRU	60 mil HDPE Liner & Welding Rod	1B.c.	\$ 161,020.80	\$ 9,661.25	\$ 6,589.12	\$ 177,271.17	81387-00	\$ 572,333.10
08/29/2018	AGRU	60 mil HDPE Liner & Welding Rod	1B.f.	\$ 161,020.80	\$ 9,661.25	\$ 6,589.13	\$ 177,271.18	81387-00	
08/29/2018	AGRU	40 mil LLDPE Liner & Welding Rod	2A.f.2	\$ 227,791.50	\$ 13,717.49	\$ 9,321.75	\$ 250,830.74	81387-00	
09/04/2018	GSE	Geocomposites (Cell)	1B.d.	\$ 107,250.00	\$ 6,435.00	\$ 8,436.96	\$ 122,121.96	81393-00	\$ 1,127,354.53
09/04/2018	GSE	Geocomposites (Cell)	1B.e.	\$ 51,604.35	\$ 3,096.26	\$ 4,059.52	\$ 58,760.13	81393-00	
09/04/2018	GSE	Geocomposites (Cell)	1B.g.	\$ 234,630.00	\$ 14,127.80	\$ 18,457.47	\$ 267,215.27	81393-00	
09/04/2018	GSE	Geocomposites (Closure)	2A.f.3	\$ 393,317.10	\$ 23,599.03	\$ 30,939.44	\$ 447,855.57	81393-00	
09/04/2018	GSE	Geocomposites (Closure)	2A.f.4	\$ 258,338.08	\$ 15,500.28	\$ 20,321.61	\$ 294,159.97	81393-00	
09/07/2018	ISCO (1)	New Cell Pipe	1D.a.	\$ 10,387.40	\$ 623.24		\$ 11,010.64	81394-00	\$ 307,467.81
09/07/2018	ISCO (1)	New Cell Pipe	1D.a.	\$ 2,811.76	\$ 168.71		\$ 2,980.47	81394-00	
09/07/2018	ISCO (1)	New Cell Pipe	1D.a.	\$ 37,497.14	\$ 2,249.83		\$ 39,746.97	81394-00	
09/07/2018	ISCO (1)	New Cell Pipe	1D.b.	\$ 1,355.48	\$ 81.33		\$ 1,436.81	81394-00	
09/07/2018	ISCO (1)	Closure Pipe (corrugated Pipe)	2A.b1	\$ 36,276.77	\$ 2,176.61		\$ 38,453.38	81394-00	
09/07/2018	ISCO (1)	Flashboard Risers	2A.b10	\$ 32,550.00	\$ 1,953.00		\$ 34,503.00	81394-00	
09/07/2018	ISCO (1)	Closure Pipe (24" corrugated Pipe)	2A.b3	\$ 114,061.55	\$ 6,893.69		\$ 120,955.24	81394-00	
09/07/2018	ISCO (1)	Closure Pipe (18" corrugated Pipe)	2A.b4	\$ 16,584.94	\$ 995.10		\$ 17,580.04	81394-00	
09/07/2018	ISCO (1)	Closure Pipe (15" corrugated Pipe)	2A.b5	\$ 20,853.46	\$ 1,251.21		\$ 22,104.67	81394-00	
09/07/2018	ISCO (1)	Closure Pipe (8" solid drainage pipe)	2A.b6	\$ 7,891.32	\$ 473.48		\$ 8,364.80	81394-00	
09/07/2018	ISCO (1)	Closure Pipe (8" Perforated Pipe)	2A.b7	\$ 9,919.32	\$ 595.16		\$ 10,514.48	81394-00	
09/07/2018	ISCO (1)	Closure Pipe (4" Perforated Pipe)	2A.b8	\$ 4,122.56	\$ 247.35		\$ 4,369.91	81394-00	
09/07/2018	ISCO (1)	LCS Pump Station	6A.a.	\$ 442.28	\$ 26.54		\$ 468.82	81394-00	
09/07/2018	ISCO (1)	LCS Pump Station Dual Contained FM	6B.a.	\$ 3,189.00	\$ 191.34		\$ 3,380.34	81394-00	
09/07/2018	ISCO (1)	LCS Pump Station Plug Valve	6B.b.	\$ 1,592.24	\$ 95.53		\$ 1,687.77	81394-00	
09/07/2018	ISCO (1)	Solid SDR 11 HDPE FM	6B.c.	\$ 6,971.18	\$ 418.27		\$ 7,389.45	81394-00	
09/07/2018	ISCO (1)	LCS Pump Station 4" PV	6B.e.	\$ 961.41	\$ 57.68		\$ 1,019.09	81394-00	
09/07/2018	Amcol International (CETCO)	Bentomat Liner	1B.b.	\$ 146,365.00	\$ 8,831.90	\$ 38,580.00	\$ 193,776.90	81396-00	\$ 184,945.00
09/24/2018	Rexell	Gear (1)	1E.d.1	\$ 13,500.00	\$ 810.00		\$ 14,310.00	81427-00	\$ 107,874.31
09/24/2018	Rexell	Gear (2)	1E.d.2	\$ 1,200.00	\$ 72.00		\$ 1,272.00	81427-00	
09/24/2018	Rexell	Automatic Transfer Switch	1E.d.3	\$ 8,439.00	\$ 506.34		\$ 8,945.34	81427-00	
09/24/2018	Rexell	Gear (3)	1E.d.4	\$ 6,000.00	\$ 360.00		\$ 6,360.00	81427-00	
09/24/2018	Rexell	Gear (4)	1E.d.5	\$ 8,875.31	\$ 532.52		\$ 9,407.83	81427-00	
09/24/2018	Rexell	Electrical Fixtures	1E.d.6	\$ 7,500.00	\$ 450.00		\$ 7,950.00	81427-00	
09/24/2018	Rexell	Electrical Miscellaneous	1E.d.7	\$ 13,000.00	\$ 780.00		\$ 13,780.00	81427-00	
09/24/2018	Rexell	20 KW Diesel Tier 4 Genset & appurten	1E.d.8	\$ 49,360.00	\$ 3,011.60		\$ 52,371.60	81427-00	
10/01/2018	Air Compressor Works	Compressor Package	2A.h.	\$ 80,731.50	\$ 4,893.89	\$ 4,590.00	\$ 90,215.39	82003-00	\$ 85,321.50
10/04/2018	ISCO (2)	Misc PVC for Leak Detection System	1C.a.	\$ 637.90	\$ 38.27		\$ 676.17	82013-00	\$ 44,730.61
10/04/2018	ISCO (2)	WM Extension and Hydrant * Misc	5A.a.	\$ 14,854.00	\$ 941.24		\$ 15,795.24	82013-00	
10/04/2018	ISCO (2)	WM Extension and Hydrant * Misc	5A.b.	\$ 1,830.00	\$ 109.80		\$ 1,939.80	82013-00	
10/04/2018	ISCO (2)	WM Extension and Hydrant * Misc	5A.c.	\$ 2,248.00	\$ 134.88		\$ 2,382.88	82013-00	
10/04/2018	ISCO (2)	WM Extension and Hydrant * Misc	5A.d.	\$ 3,390.00	\$ 203.40		\$ 3,593.40	82013-00	
10/04/2018	ISCO (2)	WM Extension and Hydrant * Misc	5A.e.	\$ 1,961.71	\$ 117.70		\$ 2,079.41	82013-00	
10/04/2018	ISCO (2)	WM Extension and Hydrant * Misc	5A.g.	\$ 8,676.00	\$ 520.56		\$ 9,196.56	82013-00	
10/04/2018	ISCO (2)	Leachate Collection Sys. Pump Station	6A.a.	\$ 11,133.00	\$ 667.98		\$ 11,800.98	82013-00	
Totals				\$ 2,368,671.83	\$ 142,570.31	\$ 147,885.00	\$ 2,659,127.14		\$ 2,516,556.83

Indian River County Solid Waste Disposal District
Bid / Pay Items

Contract No. 2018025

Change Order No. 2

Lines that have Owner Direct Purchase are in blue.

Item	Unit	Estimated Quantity	Unit Price	Original Total	Change Order No. 1	Revised Unit Price	New Total after CO No. 1
BID ITEMS:							
1. SEGMENT 3 CELL 2 EXPANSION							
1A. Site Work							
a. Site Preparation, Clearing, Grubbing	L.S.	1					
a.1 Site Preparation			\$20,000.00	\$20,000.00		\$20,000.00	\$20,000.00
a.1 Site Clearing			\$30,000.00	\$30,000.00		\$30,000.00	\$30,000.00
b. Site Grading	L.S.	1	\$60,000.00	\$60,000.00		\$60,000.00	\$60,000.00
c. Imported Common Fill - Subgrade	C.Y.	44,000	\$12.00	\$528,000.00		\$12.00	\$528,000.00
d. Interim Cell Stormwater Diversion Berm	L.F.	335	\$125.00	\$41,875.00		\$125.00	\$41,875.00
e. 24-inch by 36-inch Elliptical RCP Culvert	L.F.	200	\$140.00	\$28,000.00	-\$15,059.60	\$64.70	\$12,940.40
f. Fabric Formed Concrete Riprap	S.F.	150	\$10.00	\$1,500.00		\$10.00	\$1,500.00
g. Coquina Shell Access Road and Shoulder	S.F.	4,050	\$2.00	\$8,100.00		\$2.00	\$8,100.00
1B. Liner System							
a. 6-inch Processed Sand Layer	C.Y.	11,500	\$26.00	\$299,000.00		\$26.00	\$299,000.00
b. Geosynthetic Clay Liner	S.F.	494,000	\$0.57	\$281,580.00	-\$193,776.90	\$0.1777	\$87,803.10
c. Secondary 60-mil Textured HDPE Geomembrane	S.F.	494,000	\$0.50	\$247,000.00	-\$177,271.17	\$0.1412	\$69,728.83
d. LDS Geonet	S.F.	389,000	\$0.41	\$159,490.00	-\$122,121.96	\$0.0961	\$37,368.04
e. LDS Geocomposite Double Sided	S.F.	105,000	\$0.71	\$74,550.00	-\$58,760.13	\$0.1504	\$15,789.87
f. Primary 60-mil Textured HDPE Geomembrane	S.F.	494,000	\$0.50	\$247,000.00	-\$177,271.18	\$0.1412	\$69,728.82
g. LCS Geocomposite Double Sided	S.F.	494,000	\$0.67	\$330,980.00	-\$267,215.27	\$0.1291	\$63,764.73
h. 24-inch Protective Sand Cover	C.Y.	49,000	\$45.00	\$2,205,000.00		\$45.00	\$2,205,000.00
i. Tie-in to Existing Cell (inclusive of all layers)	L.S.	1	\$25,000.00	\$25,000.00		\$25,000.00	\$25,000.00
j. Metal Information Signs	Ea.	10	\$500.00	\$5,000.00		\$500.00	\$5,000.00
k. Electrical Leak Location Survey	L.S.	1	\$31,000.00	\$31,000.00		\$31,000.00	\$31,000.00
l. Cleaning and Video Inspection of the Leachate Collection and Leachate Detection Systems	L.S.	1	\$5,100.00	\$5,100.00		\$5,100.00	\$5,100.00
m. Site Restoration Including Sod	L.S.	1	\$45,000.00	\$45,000.00		\$45,000.00	\$45,000.00
n. Miscellaneous	L.S.	1		\$0.00		\$0.00	\$0.00
1C. Leachate Detection System (LDS) Pump Station							
a. LDS Pump Station Pump Package including all components for a complete system (wetwell, hatch and safety grate, turbine meter with totalizer, 1.5-inch Schedule 80 PVC pipe and fittings, and control panel)	Ea.	1	\$150,000.00	\$150,000.00	-\$7,081.64	\$142,918.36	\$142,918.36
b. 18-Foot x 13-Foot x 10-Inch Thick Concrete Slab	S.F.	234	\$25.00	\$5,850.00		\$25.00	\$5,850.00
c. Miscellaneous	L.S.	1	\$7,000.00	\$7,000.00		\$7,000.00	\$7,000.00
1D. Leachate Piping System							
a. Leak Detection System including SDR 15.5 HDPE Pipe, Fittings, Geotextile wrap, River Rock, Bootless Pipe Penetration, Cleanouts	L.S.	1	\$150,000.00	\$150,000.00	-\$53,738.08	\$96,261.92	\$96,261.92
b. Leachate Collection System including SDR 15.5 HDPE Pipe and Fittings, Geotextile wrap, River Rock, Bootless Pipe Penetration, Cleanout, Plug Valves	L.S.	1	\$20,000.00	\$20,000.00	-\$1,436.81	\$18,563.19	\$18,563.19
c. 5-Foot Diameter LCS Manhole	Ea.	2	\$20,000.00	\$40,000.00	-\$14,317.73	\$12,841.14	\$25,682.27
d. Horizontal Directional Drill 10-Inch Solid SDR 15.5 HDPE Gravity Pipe	L.F.	100	\$100.00	\$10,000.00		\$100.00	\$10,000.00
e. Miscellaneous	L.S.	1		\$0.00		\$0.00	\$0.00
1E. Electrical and Instrumentation and Control							
a. Measurement and Control Instrumentation						\$0.00	
a.1. Programming Points	Ea.	29	\$1,500.00	\$43,500.00		\$1,500.00	\$43,500.00
a.2. Instruments	Ea.	16	\$15,000.00	\$240,000.00		\$15,000.00	\$240,000.00
a.3. Tower and Antenna	Ea.	1	\$25,000.00	\$25,000.00		\$25,000.00	\$25,000.00
b. Electrical Demolition Including Removal and Disposal	L.S.	1	\$600.00	\$600.00		\$600.00	\$600.00
c. Grounding	L.F.	520	\$11.00	\$5,720.00		\$11.00	\$5,720.00
d. Service & Distribution						\$0.00	
d.1. Panelboard PP-1	Ea.	1	\$15,000.00	\$15,000.00	-\$14,310.00	\$690.00	\$690.00
d.2. Main Circuit Breaker	Ea.	1	\$2,000.00	\$2,000.00	-\$1,272.00	\$728.00	\$728.00
d.3. ATS	Ea.	1	\$11,000.00	\$11,000.00	-\$8,945.34	\$2,054.66	\$2,054.66
d.4. TPA-COMP-A	Ea.	1	\$8,000.00	\$8,000.00	-\$6,360.00	\$1,640.00	\$1,640.00
d.5. TPA-LCS-A	Ea.	1	\$10,000.00	\$10,000.00	-\$9,407.83	\$592.17	\$592.17
d.6. Panelboard LP-LDS	Ea.	1	\$4,000.00	\$4,000.00	-\$4,000.00	\$0.00	\$0.00
d.7. Mounting Racks	Ea.	3	\$10,000.00	\$30,000.00	-\$20,101.60	\$3,299.47	\$9,898.40
d.8. 20KW Diesel Genset	Ea.	1	\$50,000.00	\$50,000.00	-\$50,000.00	\$0.00	\$0.00
e. Site Power						\$0.00	
e.1. Power Handhole with Grounding 3-Foot x 3-Foot x 3-Foot	Ea.	3	\$2,700.00	\$8,100.00		\$2,700.00	\$8,100.00

Bid / Pay Items

Change Order No. 2

Lines that have Owner Direct Purchase are in blue.

Item	Unit	Estimated Quantity	Unit Price	Original Total	Change Order No. 1	Revised Unit Price	New Total after CO No. 1
e.2. Control Handhole with Rack 2=Feet x 2-Feet x 2-Feet	Ea.	2	\$1,800.00	\$3,600.00		\$1,800.00	\$3,600.00
e.3. Concrete Encased Duct bank	L.S.	1	\$63,000.00	\$63,000.00		\$63,000.00	\$63,000.00
e.4. Associated directional drilling, trenching, excavation, backfill, and compaction as required for a complete underground system	L.S.	1	\$9,500.00	\$9,500.00		\$9,500.00	\$9,500.00
f. Site Lighting pole	Ea.	3	\$3,175.00	\$9,525.00		\$3,175.00	\$9,525.00
g. Branch Circuits and Feeders - All Conduit and Wire Per Schedules on E-3 and E-4 with all necessary fittings, pullboxes, supports, and appurtenances as required for a complete and operable system including material, installation, termination, and testing	L.S.	1	\$42,000.00	\$42,000.00		\$42,000.00	\$42,000.00
h. Short Circuit Coordination Study & Arc Flash Labels	L.S.	1	\$30,000.00	\$30,000.00		\$30,000.00	\$30,000.00
i. FPL Fee	L.S.	1	\$5,000.00	\$5,000.00		\$5,000.00	\$5,000.00
j. Miscellaneous Items	L.S.	1		\$0.00		\$0.00	\$0.00
1F. Survey	L.S.	1	\$89,000.00	\$89,000.00		\$89,000.00	\$89,000.00
TOTAL BID ITEM 1				\$5,760,570		\$0	\$4,558,123
		Subtotal Item 1				0	
2. SEGMENT 2 PARTIAL CLOSURE AND LANDFILL GAS SYSTEM EXPANSION						0	
2A. Partial Closure Construction						0	
a. Site Work						0	
a.1. Site Clearing and Preparation	L.S.	1	\$50,000.00	\$50,000.00		\$50,000.00	\$50,000.00
a.2. Site Grading	L.S.	1	\$250,000.00	\$250,000.00		\$250,000.00	\$250,000.00
a.3. Common Fill	C.Y.	30,000	\$12.00	\$360,000.00		\$12.00	\$360,000.00
b. Drainage & Containment						0	
b.1 Remove existing 15-inch and 18-inch downcomers and replace w/ 24-inch Corrugated HDPE Pipe	L.F.	2,500	\$20.00	\$50,000.00	-\$38,453.38	\$4.62	\$11,546.62
b.2. 24-inch RCP	L.F.	80	\$100.00	\$8,000.00	-\$2,598.27	\$67.52	\$5,401.73
b.3. 24-inch Corrugated HDPE drainage pipe	L.F.	2,000	\$100.00	\$200,000.00	-\$120,955.24	\$39.52	\$79,044.76
b.4. 18-inch Corrugated HDPE drainage pipe	L.F.	1000	\$80.00	\$80,000.00	-\$17,580.04	\$62.42	\$62,419.96
b.5. 15-inch Corrugated HDPE drainage pipe	L.F.	520	\$75.00	\$39,000.00	-\$22,104.67	\$32.49	\$16,895.33
b.6. 8-inch Solid HDPE drainage pipe	L.F.	400	\$50.00	\$20,000.00	-\$8,364.80	\$29.09	\$11,635.20
b.7 8-inch Perforated HDPE pipe	L.F.	3000	\$50.00	\$150,000.00	-\$10,514.48	\$46.50	\$139,485.52
b.8. 4-inch Perforated HDPE Underdrain	L.F.	3,000	\$25.00	\$75,000.00	-\$4,369.91	\$23.54	\$70,630.09
b.9. Fabric Formed Concrete Riprap	S.F.	11,500	\$10.00	\$115,000.00		\$10.00	\$115,000.00
b.10. Flash Board Risers	Ea.	42	\$2,000.00	\$84,000.00	-\$34,503.00	\$1,178.50	\$49,497.00
c. New Asphalt Access Road	S.Y.	3,800	\$80.00	\$304,000.00		\$80.00	\$304,000.00
d. Resurface Existing Asphalt Access Road	S.Y.	2,950	\$10.00	\$29,500.00		\$10.00	\$29,500.00
e. LFG Collection Piping and Installation						0	
e.1. 12-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	1,600	\$50.00	\$80,000.00		\$50.00	\$80,000.00
e.2. 10-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	1,350	\$45.00	\$60,750.00		\$45.00	\$60,750.00
e.3. 8-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	800	\$40.00	\$32,000.00		\$40.00	\$32,000.00
e.4. 6-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	4,000	\$30.00	\$120,000.00		\$30.00	\$120,000.00
e.5 4-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	500	\$26.00	\$13,000.00		\$26.00	\$13,000.00
e.6. Vertical Extraction Well	V.F.	2,900	\$200.00	\$580,000.00		\$200.00	\$580,000.00
e.7. Horizontal Extraction Well	Ea.	4	\$14,800.00	\$59,200.00		\$14,800.00	\$59,200.00
e.8. Well Head	Ea.	39	\$950.00	\$37,050.00		\$950.00	\$37,050.00
e.9. Miscellaneous Valves & Fittings	L.S.	1	\$50,000.00	\$50,000.00		\$50,000.00	\$50,000.00
e.10. Access Riser	Ea.	38	\$1,000.00	\$38,000.00		\$1,000.00	\$38,000.00
e.11. Zone Valve	Ea.	18	\$3,600.00	\$64,800.00		\$3,600.00	\$64,800.00
e.12. Summit Vent	Ea.	4	\$12,000.00	\$48,000.00		\$12,000.00	\$48,000.00
f. Liner System							
f.1. 6-inch Cap Foundation Layer	C.Y.	23,200	\$26.00	\$603,200.00		\$26.00	\$603,200.00
f.2. 40-mil Linear Low-Density Polyethylene Geomembrane	S.F.	1,017,000	\$0.40	\$406,800.00	-\$250,830.74	\$0.1534	\$155,969.26
f.3. Geocomposite Drainage Layer	S.F.	1,017,000	\$0.55	\$559,350.00	-\$447,855.57	\$0.1096	\$111,494.43
f.4. Geocomposite Gas Venting Layer	S.F.	1,017,000	\$0.40	\$406,800.00	-\$294,159.97	\$0.1108	\$112,640.03
f.5. 18-inch Protective Soil Layer	C.Y.	69,500	\$26.00	\$1,807,000.00		\$26.00	\$1,807,000.00
f.6. 6-inch Top Soil Cover	C.Y.	23,200	\$12.00	\$278,400.00		\$12.00	\$278,400.00
f.7. Bahia Sod	S.F.	1,017,000	\$0.22	\$223,740.00		\$0.22	\$223,740.00
f.8. Metal Information Signs	Ea.	4	\$500.00	\$2,000.00		\$500.00	\$2,000.00
g. Compressed Air and Forcemain Piping, Fittings, Valves, and Ancillary Components						0	
g.1. 2-inch DR 11 HDPE Compressed Air & Forcemain Pipe (same trench)	L.F.	15,200	\$4.00	\$60,800.00		\$4.00	\$60,800.00

Bid / Pay Items

Change Order No. 2

Lines that have Owner Direct Purchase are in blue.

Item	Unit	Estimated Quantity	Unit Price	Original Total	Change Order No. 1	Revised Unit Price	New Total after CO No. 1
g.2. 2-inch Compressed Air & Forcemain Valves	Ea.	26	\$950.00	\$24,700.00		\$950.00	\$24,700.00
g.3 Well Dewatering Pump Assembly	Ea.	6	\$8,250.00	\$49,500.00	-\$31,447.33	\$3,008.78	\$18,052.67
h. Turn-Key Air Compressor System Including All Equipment and Electrical Components and Connections and Prefabricated Metal Panel Enclosure (17 feet x 13 feet) with all appurtenances	L.S.	1	\$200,000.00	\$200,000.00	-\$90,215.39	\$109,784.61	\$109,784.61
i. Concrete Gravity Wall for Existing Pump Station	L.F.	70	\$350.00	\$24,500.00		\$350.00	\$24,500.00
j. Site Restoration	L.S.	1	\$10,000.00	\$10,000.00		\$10,000.00	\$10,000.00
k. Miscellaneous	L.S.	1		\$0.00		\$0.00	\$0.00
2B. Survey	L.S.	1	\$89,000.00	\$89,000.00		\$89,000.00	\$89,000.00
TOTAL BID ITEM 2				\$7,743,090.00		\$0.00	\$6,369,137.21
Subtotal							0
3. PUBLIC CONSTRUCTION BOND AND INSURANCE (TOTAL)	L.S.	1		\$114,800.00		\$0.00	\$114,800.00
							0
4. MOBILIZATION AND DEMOBILIZATION (TOTAL)	L.S.	1		\$543,000.00		\$0.00	\$543,000.00
							0
5. WATER MAIN EXTENSION AND HYDRANT							0
5A. Water Main Extension and Hydrant							0
a. 8-inch C900 PVC Water Main	L.F.	1,750	\$50.00	\$87,500.00	-\$15,795.24	\$40.97	\$71,704.76
b. Directional Drill 8-inch C900 PVC Water Main	L.F.	100	\$75.00	\$7,500.00	-\$1,939.80	\$55.60	\$5,560.20
c. 8-inch Tapping Saddle & Gate Valve	Ea.	1	\$6,000.00	\$6,000.00	-\$2,382.88	\$3,617.12	\$3,617.12
d. Hydrant and Ancillary Components	Ea.	1	\$10,000.00	\$10,000.00	-\$3,593.40	\$6,406.60	\$6,406.60
e. 2-inch Sch 80 Pipe, Hose Bibb, Meter and Backflow preventer to LCS Pump Station	Ea.	1	\$10,000.00	\$10,000.00	-\$2,079.41	\$7,920.59	\$7,920.59
f. Flushing, Disinfection, and Testing	L.S.	1	\$5,000.00	\$5,000.00		\$5,000.00	\$5,000.00
g. Miscellaneous	L.S.	1	\$10,000.00	\$10,000.00	-\$9,196.56	\$803.44	\$803.44
5B. Survey	L.S.	1	\$3,500.00	\$3,500.00		\$3,500.00	\$3,500.00
TOTAL BID ITEM 5				\$139,500.00		\$0.00	\$104,512.71
							0
6. LEACHATE COLLECTION SYSTEM (LCS) PUMP STATION AND FORCEMAINS							0
6A. Leachate Collection System Pump Station							0
a. Duplex LCS Pump Station Pump Package including all components for a complete system (precast wetwell, hatch and safety grate, turbine meter with totalizer, control panel, valves, ARV, pressure gauge, HDPE pipe and fittings, ductile iron pipe and fittings, pipe supports, miscellaneous appurtenances, and dewatering)	L.S.	1	\$150,000.00	\$150,000.00	-\$26,072.73	\$123,927.27	\$123,927.27
b. 10-inch Concrete Slab and Driveway	S.F.	1,400	\$15.00	\$21,000.00		\$15.00	\$21,000.00
c. 5-Foot Diameter Pump Out Manhole	Ea.	1	\$20,000.00	\$20,000.00	-\$8,190.44	\$11,809.56	\$11,809.56
6B. Leachate Forcemains							0
a. 2-Inch Dual Contained (in 4-inch) HDPE Forcemain	L.F.	292	\$45.00	\$13,140.00	-\$3,380.34	\$33.42	\$9,759.66
b. 2-Inch Plug Valve	Ea.	2	\$2,000.00	\$4,000.00	-\$1,687.77	\$1,156.12	\$2,312.23
c. 4-Inch Solid SDR 11 HDPE Forcemain	L.F.	1,700	\$30.00	\$51,000.00	-\$7,389.45	\$25.65	\$43,610.55
d. Directional Drill 4-Inch Solid DR 11 HDPE Forcemain	L.F.	100	\$100.00	\$10,000.00		\$100.00	\$10,000.00
e. 4-Inch Plug Valve	Ea.	2	\$1,500.00	\$3,000.00	-\$1,019.09	\$990.46	\$1,980.91
6C. Survey	L.S.	1	\$3,500.00	\$3,500.00		\$3,500.00	\$3,500.00
TOTAL BID ITEM 6				\$275,640			\$227,900
7. CONTINGENCY ALLOWANCE (10%)	L.S.	1		\$1,457,660.00			\$1,457,660.00
Total Change Order No. 2					-\$2,659,127.14		
GRAND TOTAL BID (Items 1-6)				\$14,576,600.00			\$11,917,472.86
GRAND TOTAL BID (Items 1-6 and 7)				\$16,034,260.00			
New Grand Total After Change Order No. 2							\$13,375,132.86