

CHANGE ORDER FORM



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PROJECT: Big Creek Bypass Repairs
OWNER: Fort Bend County Drainage District
CONTRACTOR: LECON
ENGINEER: Freese and Nichols, Inc.
CHANGE ORDER NO.: CO-002 (Reconciliation)

PROJECT NUMBER: FBD12379

DATE: 12-15-2013

Make the following additions, modifications or deletions to the work described in the Contract Documents:

1. See Attachment A (Items 1-4) \$-10,335.47

The compensation agreed upon in this Change Order is full, complete and final payment for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged work as a result of this Change Order.

ORIGINAL CONTRACT AMOUNT	\$ 3,992,070.00
PREVIOUSLY APPROVED CHANGE ORDER AMOUNT	\$ 530,575.00
ADJUSTED CONTRACT AMOUNT	\$ 4,522,645.00
PROPOSED ORDER AMOUNT	\$ -10,335.47
REVISED CONTRACT AMOUNT	\$ 4,512,309.53
PREVIOUS CONTRACT TIME	335
PREVIOUS SUBSTANTIAL COMPLETION DATE	7/13/2013
PREVIOUS FINAL COMPLETION DATE	8/13/2013
NET CHANGE IN CONTRACT TIME	None
REVISED CONTRACT TIME	None
REVISED SUBSTANTIAL COMPLETION DATE	7/13/2013
REVISED FINAL COMPLETION DATE	8/13/2013

RECOMMENDED BY
FREESE AND NICHOLS, INC.

APPROVED BY
LECON, LLC

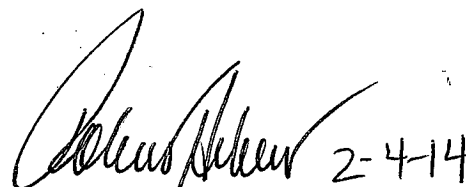
APPROVED BY
FORT BEND COUNTY
DRAINAGE DISTRICT


NAME

12-15-13
DATE


NAME

1/13/14
DATE


NAME

2-4-14
DATE

ATTACHMENT A

The Owner proposes to make the following additions, modifications or deletions to the work described in the Contract Documents. Authorization to proceed with these changes must be approved by Field Order or Change Order in accordance with the Contract Documents, prior to commencing the work involved.

1. Deduction – Reference Sheet C-5. The use of stabilized sand in place of flowable fill and the accompanying reduction in excavation.

Items	CY	\$/CY	
Flowable Fill	-344.3	\$100.00	\$-34,430.00
Stabilize Sand	170.6	\$ 55.00	\$ 9,383.00
Excavation	-173.7	\$ 11.00	\$ -1,910.70
		Total	\$-26,957.70

2. Deduction – Reference Sheet C-4. The placement of riprap without the use of grout. The portion of the riprap that was to be grouted was 470 CY. Utilizing a 30% void ratio the volume of grout that was not placed was 141 CY.

Item	CY	\$/CY	
Grout	-141	\$ 140.00	\$ -19,740.00

3. Add – CMR-004, Remove and Replace 3 box culverts. \$+11,574.40
4. Add - Final Quantity Reconciliation (see attachment B table) Net Value \$+24,787.83, which includes deleting the following bid items from the contract as previously directed:
 - a. Deduction – Bid Item 33, Photography. Delete Bid Item 33*.

Item	Qty (Each)	\$/Ea	
Bid Item 33 - Photography	-1	\$ 1,000.00	\$ -1,000.00

- b. Deduction – Bid Item 4, Hydromulch. Delete Bid Item 4*.

Item	Qty (LS)	\$/LS	
Bid Item 4 - Hydromulch	-1	\$ 20,000.00	\$ -20,000.00

***Note – included in item #4**

BY: Rich Heine, P.E.

DATE: 12/15/2013

Attachment B - Final Quantity Reconciliation
for Change Order - 002 (Reconciliation)

ITEM NO.	DESCRIPTION OF ITEM	Unit of Measure	Unit Price	Quantity Original Estimate	Final Qty Installed	Reconciliation Qty	Add or Deduct	Value of Add or Deduct
1	Mobilization (Max 5% of Total Bid)	LS	\$195,000.00	1.00	1.00	0.00		\$0.00
2	Site Access (Road Improvements and Maintenance)	LS	\$80,000.00	1.00	1.00	0.00		\$0.00
3	Dewatering Operations (Including Cofferdams)	LS	\$650,000.00	1.00	1.00	0.00		\$0.00
4	Final Grading and Hydro-Mulching	LS	\$20,000.00	1.00	0.00	-1.00	Deduct	-\$20,000.00
5	Rock Riprap (4' thick)(Maximum 30"-36"Diameter)	Ton	\$75.00	3500.00	3,505.23	5.23	Add	\$392.25
6	Riprap Bedding (12" Thick Mat)	Ton	\$50.00	840.00	844.20	4.20	Add	\$210.00
7	Backfill for Walls, Slab, Etc. (Nominal Cost for Domestic Source and Non-Domestic)	CY	\$26.00	7100.00	7,100.00	0.00		\$0.00
8	Erosion Control	LS	\$8,000.00	1.00	1.00	0.00		\$0.00
9	Demolition: Remove Existing Structure/Shoring & Bracing/Remove & Store Existing Flap Gates	LS	\$150,000.00	1.00	1.00	0.00		\$0.00
10	Demolition:Excavation	CY	\$11.00	7500.00	7,500.00	0.00		\$0.00
11	Reinforced Concrete ----- Spillway (Also Accounting for the Transition Slope)	CY	\$600.00	580.00	981.81	401.81	Add	\$241,086.00
12	Reinforced Concrete Training Walls (North and South Sides)	CY	\$850.00	260.00	523.38	263.38	Add	\$223,873.00
13	Cement Stabilized Sand	CY	\$55.00	20.00	22.00	2.00	Add	\$110.00
14	Reinforced Concrete Headwall Extension/Operating Platform	CY	\$600.00	40.00	164.39	124.39	Add	\$74,634.00
15	Reinforced Concrete Grade Beam	CY	\$600.00	90.00	80.97	-9.03	Deduct	-\$5,418.00
16	Reinforced Concrete Chute/Baffle Blocks	CY	\$600.00	50.00	45.81	-4.19	Add	-\$2,514.00
17	Reinforced Concrete Stilling Basin	CY	\$600.00	720.00	805.29	85.29	Add	\$51,174.00
18	Reinforced Concrete End Sill	CY	\$600.00	60.00	41.43	-18.57	Add	-\$11,142.00
19	Reinforced Concrete Curb	CY	\$400.00	30.00	54.60	24.60	Deduct	\$9,840.00
20	Reinforced Concrete Walkway(13" Thick)	CY	\$400.00	400.00	253.71	-146.29	Deduct	-\$58,516.00
21	New Slope Pavement (8" Thick)	CY	\$400.00	880.00	1,065.81	185.81	Add	\$74,324.00
22	Helical Anchors	LS	\$345,000.00	1.00	1.00	0.00		\$0.00
23	Helical Testing (10% Total # of Anchors)	LS	\$35,000.00	1.00	1.00	0.00		\$0.00
24	Steel Plates (For Helicals, including Welding Effort)	EA	\$235.00	150.00	149.00	-1.00	Deduct	-\$235.00
25	Reinstall Existing Flap Gates	EA	\$5,500.00	6.00	6.00	0.00		\$0.00
26	Check Valve	EA	\$4,000.00	4.00	4.00	0.00		\$0.00
27	SCH 40 PVC Drainage Piping, Fittings, Bends, Etc.	LS	\$55,000.00	1.00	1.00	0.00		\$0.00
28	Drainage Blanket (18" Thick)	CY	\$160.00	490.00	483.61	-6.39	Deduct	-\$1,022.40
29	Filter Fabric	SY	\$2.00	4400.00	7,189.89	2,789.89	Add	\$5,579.78
30	Galvanized Hand Rail	LF	\$80.00	300.00	287.34	-12.66	Deduct	-\$1,012.80
31	Stormdrain Inlet (Type H)	LS	\$8,000.00	1.00	1.00	0.00		\$0.00
32	Stormdrain Conduit (24" RCP)	FT	\$220.00	36.00	36.00	0.00		\$0.00
33	Aerial Photography (Coordinate with Owner)	EA	\$1,000.00	1.00	0.00	-1.00	Deduct	-\$1,000.00
	Change Order 001 Credit	LS	\$25,000.00			-1.00	Deduct	-\$25,000.00

Final Qty Reconciliation Value \$ 555,362.83
CO-001 Qty Value \$ 530,575.00
Net Quantity Value \$ 24,787.83