

PO # 161180
ams

CHANGE ORDER

Distribution:
☒ FBC Engineering
☒ FBC Judge
☒ FBC Purchasing
☒ Contractor
☒ Consultant

FORT BEND COUNTY ENGINEERING

Address: 301 Jackson Street
Richmond, Texas 77469
Phone: 281-633-7500
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Web site: www.FortBendCountyTx.gov

PROJECT:
13318 Spring Green Boulevard Extension
(Roundabout)

CHANGE ORDER NUMBER	01
DATE	5/04/2018
PROJECT NUMBER	13318
CONTRACT FOR	\$2,677,560.37
CONTRACT DATE	1/8/2018
FBC PURCHASE ORDER NO	161180

CONTRACTOR:
Allgood Construction Co. Inc.
1702 Settegast Ranch Rd.
Richmond, Texas 77406

The contract is changed as follows:

While cutting the existing site to subgrade for roadway construction at Spring Green Blvd Extension, it was found through proof rolling that the subgrade material was not suitable in its present form. Soil samples were collected and tested by the lab and geotechnical properties of the samples were compared with the original geotechnical report. The results proved out the findings in the geotechnical report. Allgood opened and disc the site to dry the material and they also over treated the subgrade with lime and fly-ash. These actions provided minimal result. We enlisted the advice of BGE design engineer who has worked with other developers on similar projects in the surrounding area and BGE recommended to over excavate the material with an extensive treatment of the subgrade using a lime-fly ash mixture, AECOM agreed with this recommendation. Allgood proceeded with the recommendation which proved to be successful and less costly than other options. The contractor has requested 25 additional days for this operation along with costs summarized below.

Over Excavation Material on Cinco Trace, Spring Green, roundabout and South of roundabout, 11,009 CY x \$4.50 = \$49,540.50

Fly-ash was not an original bid item, Allgood have added new items to the original bid items.

New Bid Item: 570 TON Fly-ash x \$95.00 = \$54,150.00, this quantity is calculated by using the original bid manipulation SY for lime stabilized subgrade.

New Bid Item: 23,300 SY Fly-ash Stabilized Subgrade x \$1.75 = \$40,775.00

New Bid Item: 23,300 SY Lime Stabilized Subgrade for Lime – Fly ash x \$1.75 = \$40,775.00.

Existing Bid Item: Since Allgood used 250 TON of the original bid of 530 TON of 6% Lime, the left over quantity is credit back to Ft. Bend County. 530 TON – 250 TON = 280 TON x \$176.94 = -\$49,543.20

Existing Bid Item: 6% Lime Stabilized Subgrade credit back to Ft. Bend County 23,300 SY x \$2.42 = - \$56,386.00

The total cost for over excavating and over treated subgrade with lime and fly-ash is \$49,540.50 + \$54,150.00 + \$40,775.00 + 40,775.00 – \$49,543.20 - \$56,386.00 = \$79,311.30.

The existing siphon structure approx. from Sta. 18+50 to Sta. 19+50 on the West Side of Katy Flewellen Road (Sheet 27) was constructed by the MUD 163 prior to the Spring Green Blvd Extension project to avoid a relocation of the South Cross Energy pipeline in the area. The existing siphon structure is no longer needed since South Cross Energy has relocated their pipeline 22' west of the original location at letting of the construction Spring Green Blvd. Extension project. It is a primary benefit to Ft. County roadway projects to remove the existing siphon and abandoned gas line during the Spring Green Blvd. Extension project and install new sewer outfalls into MUD 163 Channel, and Ft. Bend county has agreed to this. The total cost for the siphon removal is \$9,749.00

Asbestos testing was completed by request of county for the removal of a covered arena approx. from Sta. 23+00 to Sta. 26+00 on Crossover Road that encroached into the ROW and project limits. The arena was removed by the owner and that cost was covered by the owner, this help save Ft. Bend a large amount of cost. The cost for the asbestos testing to be reimbursed by change order was \$1,100.00.

Per plan the existing pavement tie-in location at Sta. 11+77.40 on Cinco Trace shows to have an elevation of 134.19', however, the contractor's actual field survey shows the existing tie in to be at 135.06'. Therefore at the proposed tie-in of the existing pavement to new pavement there is a 1' bust that needs to be corrected. Allgood, AECOM, BGE and Ft. Bend met on site to discuss the issue and go over the options to match the existing tie-in and provide positive drainage. BGE recommendation is to remove 60' of the existing pavement on Cinco Trace from the original tie in and adjust the profile of Cinco Trace approaching the roundabout to slope away from the roundabout for positive drainage. This option was chosen to accommodate the elevation difference, provide proper drainage away from the roundabout and provide minimal impact to construction. Ft. Bend agreed with BGE recommendation. The total cost for this is \$35,390.76 (See attachment for breakdown)

The total cost of this change order is \$79,311.30 + \$9,749.00 + \$1,100.00 + \$35,390.76 = \$125,551.06

Not valid until signed by Fort Bend County and Contractor.

The Original (**Contract Sum**) \$ 2,677,560.37 ✓

Net change by previously authorized Change Orders \$ 0.00

The (**Contract Sum**) Prior to this Change Order was \$ 2,677,560.37 ✓

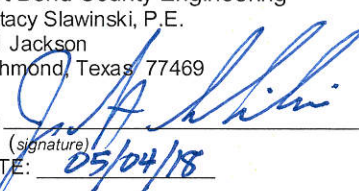
The (**Contract Sum**) will be ☒ increased **or** ☐ decreased **or** ☐ unchanged
by this Change Order in the amount of \$ 125,551.06

The new (**Contract Sum**) including this Change Order will be \$ 2,803,111.43 ✓

The Contract Time will be ☒ increased **or** ☐ decreased **or** ☐ unchanged by **25** days.
The Date of Substantial Completion as of this Change Order therefore is
☒ changed **or** ☐ unchanged to **7/2/2018**.

Authorized:

Fort Bend County Engineering
J Stacy Slawinski, P.E.
301 Jackson
Richmond, Texas 77469

By: 
(signature)
DATE: 05/04/18

CONTRACTOR
Allgood Construction Co. Inc.
1702 Settegast Ranch Rd
Richmond, TX 77406

By: 
(signature)
DATE: 5-4-18

Fort Bend County Judge
Honorable Robert E. Hebert
301 Jackson St., #719
Richmond, Texas 77469

By: _____
(signature)
DATE: _____



Change Order 1

PROJECT: CONSTRUCTION OF SPRING GREEN BLVD EXTENSION - ROUNDABOUT

ENGINEER: Brown and Gay

CONTRACTOR: Allgood Construction

DATE: 4/10/2018
CHANGE ORDER NO.
JOB NO.

REQUEST: This request is for the added material of fly-ash per the lab recommendation based of the two samples taken for the project.

Contract Amount \$2,677,560.37
Change Order Request Amount \$90,160.30
New Contract Amount \$2,767,720.67

Item No.	Item Description	Unit Measure	Bid Quantity	Bid Cost	Bid Total	New Quantity	Item Price	New Item Total	Total Change in Price
Change Order Estimate									
8	LIME 6%	TON	530.00	\$176.94	\$93,778.20	250.00	\$176.94	\$44,235.00	(\$49,543.20)
9	LIME STABILIZED SUBGRADE	SY	23,300.00	\$2.42	\$56,386.00	0.00	\$2.42	\$0.00	(\$56,386.00)
NEW ITEM	LIME STABILIZED SUBGRADE CHANGED FOR LAB RECOMMENDATION FOR LIME AND FLYASH	SY				23,300.00	\$1.75	\$40,775.00	\$40,775.00
NEW ITEM	FLY-ASH	TON				570.00	\$95.00	\$54,150.00	\$54,150.00
NEW ITEM	FLY-ASH STABILIZED SUBGRADE	SY				23,300.00	\$1.75	\$40,775.00	\$40,775.00
SIPHON BREAKDOWN									
	LABOR AND EQUIPMENT - ESTIMATE 1 DAY TO REMOVE AND GRADE DITCH FOR	DAY				1.00	\$4,550.00	\$4,550.00	\$4,550.00
	REMOVAL OF EXISTING SLOPE PAVING AND HAUL OFF	SY				156.00	\$17.75	\$2,769.00	\$2,769.00
	REMOVAL OF EXISTING STORM SEWER PIPE	LF				90.00	\$13.50	\$1,215.00	\$1,215.00
	REMOVE EXISTIN 14" GAS LINE	LF				90.00	\$13.50	\$1,215.00	\$1,215.00
	ASBESTOS TEST, ALLGOOD OFFICE OVER HEAD	LS				1.00	\$1,100.00	\$1,100.00	\$1,100.00
	OVER EXCAVATION TO SUITABLE MATERIAL FOR SUBGRADE - CINCO TRACE	CY				1,550.00	\$4.50	\$6,975.00	\$6,975.00
	OVER EXCAVATION TO SUITABLE MATERIAL FOR SUBGRADE - ROUNDABOUT	CY				2,349.00	\$4.50	\$10,570.50	\$10,570.50
	OVER EXCAVATION TO SUITABLE MATERIAL FOR SUBGRADE - SOUTH OF ROUNDABOUT	CY				872.00	\$4.50	\$3,924.00	\$3,924.00
	OVER EXCAVATION TO SUITABLE MATERIAL FOR SUBGRADE - SPRING GREEN SOUTH	CY				2,437.00	\$4.50	\$10,966.50	\$10,966.50
	OVER EXCAVATION TO SUITABLE MATERIAL FOR SUBGRADE - SPRING GREEN NORTH	CY				3,801.00	\$4.50	\$17,104.50	\$17,104.50
Change Order 1 - Subtotal								SUBTOTAL	\$90,160.30



CINCO TRACE

CONSTRUCTION CO. INC.

PROJECT: CONSTRUCTION OF SPRING GREEN BLVD EXTENSION - ROUNDABOUT

ENGINEER: Brown and Gay

CONTRACTOR: Allgood Construction

REQUEST:

DATE: 4/10/2018
CHANGE ORDER NO.
JOB NO.

Contract Amount		\$2,767,720.67			
Change Order Request Amount		#REF!			
New Contract Amount		#REF!			
Item No.	Item Description	Unit Measure	Quantity	Cost	Total
CINCO TRACE Option 1 (60 Feet Removal)					
	Pavement Removal	SY	334.00	\$25.92	\$8,657.28
	Roadway Excavation	CY	40.00	\$8.24	\$329.60
	Roadway Embankment	CY	90.00	\$3.85	\$346.50
	Fly-Ash	TONS	34.00	\$95.00	\$3,230.00
	Lime Slurry	TONS	15.00	\$176.94	\$2,654.10
	Fly-Ash Manipulation	SY	1355.00	\$1.75	\$2,371.25
	Lime Slurry Manipulation	SY	1355.00	\$1.75	\$2,371.25
	Additional Pavement	SY	334.00	\$39.97	\$13,349.98
	Additional Curb	LF	240.00	\$2.42	\$580.80
	Irrigation Repair	LS	1.00	\$1,500.00	\$1,500.00
					\$35,390.76