

CHURCHILL McGEE, LLC

1315-C West Main Street
phone (859) 389-6976

Lexington, Kentucky 40508
fax (859) 389-6986

Revised Change Order Proposal #3 - 8" Storm Sewer per RFI #25 Response

Project: Public Safety Operations Center		Date: 5/27/15
Project Number: MGT 1316		
You are authorizing us to perform the following additional work:		
Reroute interior underground storm sewer as indicated in RFI #25 response.		
Note: All associated additional concrete floor slab cut and removal, excavation, backfill, concrete dowel, concrete pour back, and off site disposal of excavation spoils are included in the price below		
Division 22	Labor \$2,044.68	Materials \$473.34 Mark-Up \$377.70
Labor: TS Piping (See attached Breakdown) \$1,368.20		
Synergy (Dowel Install & Concrete Finish: 4 man hours @ \$21.40/hr) \$85.60		
Labor Sub Total: \$1,453.80		
Material: TS Piping (See attached Breakdown) \$258.94		
Synergy (Dowels & Concrete) \$214.40		
Material Sub Total: \$473.34		
Mark Up: \$289.07		
Amount of this Change Order		\$2,216.21
We hereby authorize the above change order to be completed		
Additional work is to be performed under the same conditions as specified in the original contract unless stipulated otherwise.		
Date: _____ Owners Signature: _____		
Churchill McGee LLC		
Date: _____ Authorized Signature: _____		

NOTE: The above referenced change order revisions will only modify the original contract scope of work as specifically addressed in this change order. All other terms and conditions of the original contract will not change.



750 Danville Rd. Loop 1
Nicholasville, KY 40356
Ph. (859) 983-4292
Fax (859) 887-8093

5-26-15
To: Churchill Mcgee
Attn: Jorge Rivera
Re: LFUCG Public Safety Operations Center Renovation

Change Order Request

We propose to provide the following per the Engineer's response to RFI #25:

- 1) Reroute interior underground storm sewer as indicated in RFI#25 – response attachment.
- 2) All associated additional concrete floor slab cut and removal, excavation, backfill, and offsite disposal of excavation spoils.

Note: Does not include replacement/patching of approximately 16 square feet of interior floor slab.

Note: No additional materials or labor costs were computed for piping installation (piping footage and fittings are unchanged from original contract); all costs below are for additional work related to item #2 above.

Note: This revision reflects the modified wage rate as communicated 4-20-15.

For the following addition to the base contract:

>Labor:

Concrete cutting: 6 hours plumber @ 45.56/hr - \$273.36

Excavation: 12 hours plumber @ \$45.56/hr - \$546.72

Backfill: 6 hrs plumber @ 45.56/hr - 273.36

Subtotal labor: \$1,093.44

Additional employer paid social security and medicare taxes - \$157.06

Employer paid KY unemployment - \$117.70

Total labor cost - **\$1,368.20**

>Materials: (1) additional WCO-1 wall cleanout - \$258.94

Subtotal all material cost - **\$258.94**

Total change order amount requested: **\$1,627.14**

Certified by: Tom Swartz, President

PUBLIC SAFETY OPERATIONS CENTER
LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT
LEXINGTON, KENTUCKY
MURPHY GRAVES TRIMBLE ARCHITECTS NO. 1316
MARCUM NO. 13618

MPE SUPPLEMENTAL INSTRUCTIONS

TO: Andrea Bradford, Murphy Graves Trimble

CC: Steve Cherry, Murphy Graves Trimble
Perry Warren, Murphy Graves Trimble
Jim Leake, Murphy Graves Trimble
Rob Crouch, Murphy Graves Trimble
Pat McFeely, Mission Critical Partners
Robert LeFaye, Mission Critical Partners
Jim Krebs, Mission Critical Partners
Tony Gray, Marcum Engineering
Baccus L. Oliver, Marcum Engineering

FROM: Johnny Baucum, Marcum Engineering

DATE: March 23, 2015

SUBJECT: ESI 10 Response to RFI 25
8" Storm Sewer

REFERENCE:

Reference attached RFI 25, attached Sketch XP03 and Drawing P1.2.

INSTRUCTIONS:

The attached Sketch XP03, shows a alternate routing that should help conceal the storm piping riser in Area B. Ensure proper coordination between trades prior to installation. Installation shall be in accordance with the Contract Documents and all applicable codes.

ATTACHMENTS:

1. RFI 25.
2. Sketch XP03

END OF DOCUMENT

**Request For Information
(RFI)**

Requested Reply Date:

Project Name: LFUCG
Public
Safety Operations
Center

<i>RFI Number</i>	<i>Submitted To:</i>	<i>Submitted By:</i>	<i>Copies To:</i>
25		Churchill McGee	
<i>Date</i>			
3-19-15			

<i>Subject</i>	<i>Discipline</i>	<i>Co-Author</i>
8" Storm Sewer	Plumbing	
<i>REFERENCE ATTACHMENTS: (List specific documents researched when seeking the information requested.)</i>		
<i>Specification Section</i>	<i>Drawing Reference</i>	<i>Other</i>
	P1.2	

RFI DESCRIPTION: (Fully describe the question or type of information requested.)

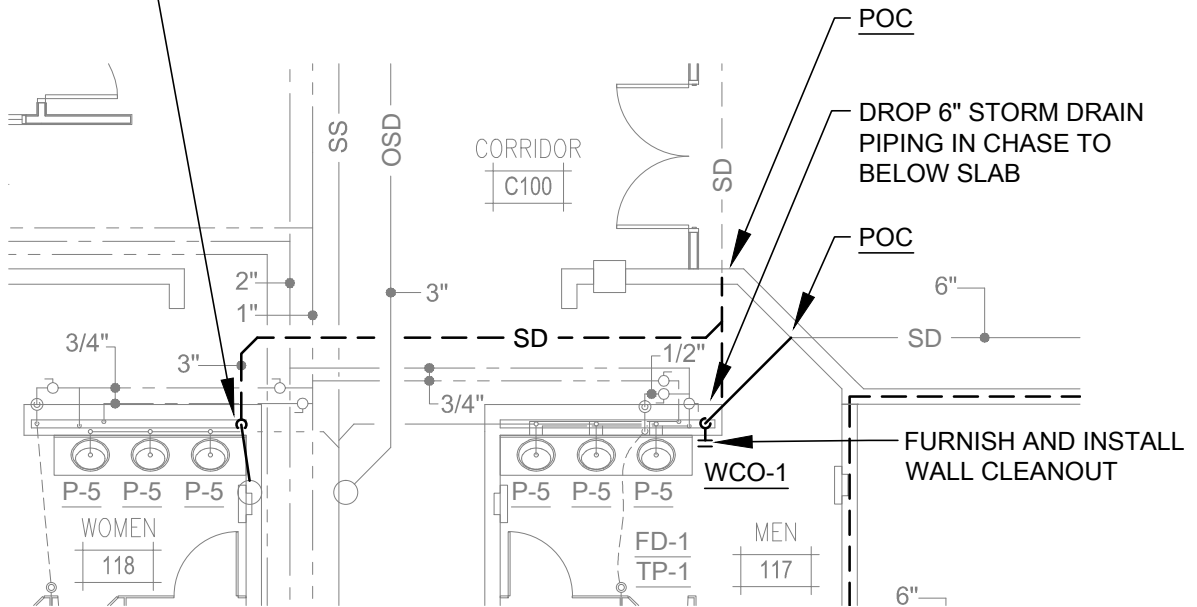
Per plan sheet P1.2, an 8" storm drain leader, which receives the discharge from a roof drain located above Lex Call 311 room 112 and a roof drain located above Women's Restroom 118, is scheduled to run vertically down to below slab inside the 8" block wall separating Lex Call 311 room 112 and Men's Restroom 117. This piping has an outside diameter of approximately 8 1/2" before insulation, and the block wall has a thickness of approximately 7 3/4". The pipe will not fit in the wall. We propose to embed the pipe in the wall such that one side of the pipe is 1 1/2" from the face of the block which forms the finished surface of the restroom to maintain the integrity of the wall. This would require a furred out wall or chase on the side facing room 118. Another option would be to expose the pipe completely in room 118, building a larger chase to cover it. Please advise or provide another option.

SENDER'S RECOMMENDATION: (if RFI concerns a site or construction condition, the sender may provide a recommendation, including cost and/or schedule considerations.)

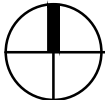
Response:

Date Answered: _____ *Answered By:* _____

DROP 3" STORM DRAIN
PIPING IN CHASE TO
BELOW SLAB



PROJECT
NORTH



PARTIAL FLOOR PLAN - AREA B

SCALE: NONE

REFERENCE DRAWING P1.2

MARCUM
ENGINEERING, LLC

500 SOUTH 17th STREET - PADUCAH, KENTUCKY 42002-0120
PHONE - 270.444.9274 FAX - 270.443.1904
www.marcumengineering.net

COPYRIGHT ©, 2015 - MARCUM ENGINEERING, LLC

PROJECT NO.
13618

DATE:
03/23/15

DRAWN BY:
LEE

SCALE:
NONE

STORM DRAIN PIPING MODIFICATION

LFUCG PUBLIC SAFETY
OPERATIONS CENTER
PHASE 1B - RENOVATION

SHEET

XP03



Proposal Request 9

Date Issued: 04/30/2015

Murphy + Graves Project No. 1316

Project: LFUCG PSOC

Attachments: N/A

Issued by: Jim Leake via Andrea Bradford

Subject: Adverse Weather Days

See attached report from Churchill McGee.

Adverse weather days requested are February 16, 17, 18, 19, 20 and March 5 and 6. This is a total of seven (7) additional days.

< January 2015		View: February 2015					March 2015 >	
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
Feb 1	2	3	4	5	6	7		
Actual Temp 49° Lo 33° Hist. Avg. 42° Lo 26° 8	Actual Temp 44° Lo 22° Hist. Avg. 42° Lo 26° 9	Actual Temp 37° Lo 20° Hist. Avg. 43° Lo 26° 10	Actual Temp 52° Lo 28° Hist. Avg. 43° Lo 26° 11	Actual Temp 30° Lo 15° Hist. Avg. 43° Lo 26° 12	Actual Temp 40° Lo 12° Hist. Avg. 43° Lo 26° 13	Actual Temp 60° Lo 32° Hist. Avg. 43° Lo 26° 14		
Actual Temp 56° Lo 48° Hist. Avg. 44° Lo 27° 15	Actual Temp 52° Lo 26° Hist. Avg. 44° Lo 27° 16	Actual Temp 32° Lo 23° Hist. Avg. 44° Lo 27° 17	Actual Temp 46° Lo 19° Hist. Avg. 44° Lo 27° 18	Actual Temp 35° Lo 19° Hist. Avg. 45° Lo 27° 19	Actual Temp 31° Lo 14° Hist. Avg. 45° Lo 28° 20	Actual Temp 35° Lo 9° Hist. Avg. 45° Lo 28° 21		
Actual Temp 22° Lo 4° Hist. Avg. 46° Lo 28° 22	Actual Temp 18° Lo 8° Hist. Avg. 46° Lo 28° 23	Actual Temp 21° Lo -1° Hist. Avg. 46° Lo 28° 24	Actual Temp 21° Lo 1° Hist. Avg. 46° Lo 29° 25	Actual Temp 7° Lo -8° Hist. Avg. 47° Lo 29° 26	Actual Temp 25° Lo -18° Hist. Avg. 47° Lo 29° 27	Actual Temp 36° Lo 25° Hist. Avg. 47° Lo 30° 28		
Actual Temp 37° Lo 28° Hist. Avg. 48° Lo 30°	Actual Temp 27° Lo 6° Hist. Avg. 48° Lo 30°	Actual Temp 28° Lo 5° Hist. Avg. 48° Lo 30°	Actual Temp 35° Lo 22° Hist. Avg. 49° Lo 30°	Actual Temp 33° Lo 15° Hist. Avg. 49° Lo 31°	Actual Temp 23° Lo 7° Hist. Avg. 49° Lo 31°	Actual Temp 34° Lo 16° Hist. Avg. 50° Lo 31°		
< January 2015							March 2015 >	

Temperature Graph February 2015

Weather history Lexington february 2015

Day	High (°F)	Low (°F)	Precip. (inch)	Snow (inch)	Snow depth (inch)
1 feb 2015	48.9	33.1	0.58	0.00	0.00
2 feb 2015	44.1	22.1	T	T	0.00
3 feb 2015	37.0	20.1	0.00	0.00	0.00
4 feb 2015	52.0	28.2	T	T	0.00
5 feb 2015	30.2	15.3	0.02	0.31	0.00
6 feb 2015	39.9	12.2	0.00	0.00	0.00
7 feb 2015	60.1	32.0	0.00	0.00	0.00
8 feb 2015	55.9	48.0	0.01	0.00	0.00
9 feb 2015	52.0	26.2	0.01	T	0.00
10 feb 2015	32.0	23.2	T	0.12	0.00
11 feb 2015	46.0	19.2	0.00	0.00	0.00
12 feb 2015	35.1	19.2	T	T	0.00
13 feb 2015	31.1	14.2	0.00	0.00	0.00
14 feb 2015	35.1	9.1	0.04	0.31	0.00
15 feb 2015	22.1	4.1	0.00	0.00	0.00
16 feb 2015	18.1	8.2	1.05	10.20	1.97
17 feb 2015	21.2	-0.8	0.00	0.00	9.84
18 feb 2015	21.2	1.2	0.11	4.02	9.84
19 feb 2015	7.2	-7.8	0.00	0.00	9.06
20 feb 2015	25.2	-17.9	T	0.00	7.09
21 feb 2015	36.0	25.2	1.18	0.51	7.09
22 feb 2015	37.0	28.2	0.00	0.00	5.91
23 feb 2015	27.1	6.3	0.00	0.00	5.12
24 feb 2015	28.2	5.2	0.00	-	-
25 feb 2015	-	-	-	-	-
26 feb 2015	-	-	-	-	-
27 feb 2015	-	-	-	-	-
28 feb 2015	-	-	-	-	-

T = Trace

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Mar 1	2	3	4	5	6	7
Actual Temp 41° Lo 31° Hist. Avg. 50° Lo 32°	Actual Temp 37° Lo 24° Hist. Avg. 50° Lo 32°	Actual Temp 61° Lo 27° Hist. Avg. 51° Lo 32°	Actual Temp 50° Lo 25° Hist. Avg. 51° Lo 32°	Actual Temp 25° Lo 8° Hist. Avg. 52° Lo 33°	Actual Temp 25° Lo -2° Hist. Avg. 52° Lo 33°	Actual Temp 45° Lo 20° Hist. Avg. 52° Lo 33°
8	9	10	11	12	13	14
Actual Temp 51° Lo 31° Hist. Avg. 52° Lo 34°	Actual Temp 56° Lo 37° Hist. Avg. 53° Lo 34°	Actual Temp 60° Lo 45° Hist. Avg. 53° Lo 34°	Actual Temp 65° Lo 44° Hist. Avg. 54° Lo 34°	Actual Temp 64° Lo 40° Hist. Avg. 54° Lo 35°	Actual Temp 55° Lo 50° Hist. Avg. 54° Lo 35°	Actual Temp 59° Lo 49° Hist. Avg. 55° Lo 35°
15	16	17	18	19	20	21
Actual Temp 65° Lo 40° Hist. Avg. 55° Lo 35°	Actual Temp 74° Lo 46° Hist. Avg. 55° Lo 36°	Actual Temp 63° Lo 37° Hist. Avg. 56° Lo 36°	Actual Temp 47° Lo 26° Hist. Avg. 56° Lo 36°	Actual Temp 47° Lo 39° Hist. Avg. 56° Lo 36°	Actual Temp 49° Lo 43° Hist. Avg. 57° Lo 37°	Actual Temp 65° Lo 39° Hist. Avg. 57° Lo 37°
22	Yesterday 23	Today 24	25	26	27	28
Actual Temp 58° Lo 39° Hist. Avg. 58° Lo 37°	Actual Temp 59° Lo 31° Hist. Avg. 58° Lo 38°	A shower late this afternoon 54° Lo 48° Hist. Avg. 58° Lo 38°	Warmer; a morning t-storm 69° Lo 57° Hist. Avg. 59° Lo 38°	Rain and a t-storm; cooler 58° Lo 31° Hist. Avg. 59° Lo 38°	Mostly cloudy and colder 43° Lo 22° Hist. Avg. 59° Lo 39°	Mostly sunny and cold 41° Lo 23° Hist. Avg. 60° Lo 39°
29	30	31	Apr 1	2	3	4
Sunny and warmer 53° Lo 39° Hist. Avg. 60° Lo 39°	Intervals of clouds and sun 57° Lo 42° Hist. Avg. 60° Lo 40°	Warmer with abundant sunshine 63° Lo 47° Hist. Avg. 61° Lo 40°	A couple of afternoon showers 70° Lo 50° Hist. Avg. 61° Lo 40°	Cooler; a little morning rain 57° Lo 47° Hist. Avg. 61° Lo 40°	Overcast with spotty showers 56° Lo 34° Hist. Avg. 62° Lo 41°	Clouds giving way to some sun 51° Lo 35° Hist. Avg. 62° Lo 41°

< February 2015

April 2015 >

Temperature Graph March 2015

Date Issued: 5.12.2015

Murphy + Graves + Trimble

Project: 1316 LFUCG PSOC

Attachments: N/A

Issued by: Jim Leake via Rob Crouch

Subject: Concrete Replacement

Per the owner's recommendation for existing shallow concrete floor slabs:

This is to confirm that the room called "Break Out 125, 126" will need to have an 18'-6" X15' cut out & removed. This space was highlighted with paint and will need replaced with a 4" slab following the spec's for the concrete placement.

Pricing shall be broken down showing materials, labor with associated profit and overhead.



CHURCHILL McGEE, LLC

1315-C West Main Street
phone (859) 389-6976

Lexington, Kentucky 40508
fax (859) 389-6986

Change Order Proposal #13 - Slab Removal & Replacement "Breakout 125,126"

Project: Public Safety Operations Center	Date: 5/27/15
Project Number: MGT 1316	
You are authorizing us to perform the following additional work:	
Remove and Replace concrete slab in "Breakout 125,126" per PR#13	
Note: All associated additional concrete floor slab cut and removal, excavation, backfill, concrete dowel, concrete pour back, and off site disposal of excavation spoils are included in the price below	
Division 3 Labor \$2,061.60 Materials \$2,617.94 Mark-Up \$701.93	
Labor: Thomas & Thomas Construction (See attached Quote) \$2,061.60	
Labor Sub Total: \$2,061.60	
Material: Thomas & Thomas Construction (See attached Quote) \$2,617.94	
Material Sub Total: \$2,617.94	
15% Mark Up: \$701.93	
Amount of this Change Order	\$5,381.47
We hereby authorize the above change order to be completed Additional work is to be performed under the same conditions as specified in the original contract unless stipulated otherwise.	
Date: _____	Owners Signature: _____
Churchill McGee LLC	
Date: _____	Authorized Signature: _____

NOTE: The above referenced change order revisions will only modify the original contract scope of work as specifically addressed in this change order. All other terms and conditions of the original contract will not change.

THOMAS & THOMAS CONSTRUCTION, LLC

1157 Armstrong Mill Road
Lexington, KY 40517
859-509-8493
Fax: 859-273-1531

May 22, 2015

Jeffrey Griffith
Churchill McGee, LLC
1315 W. Main Street, Suite C
Lexington, KY 40508

RE: Concrete work
Cisco Road Project

PROPOSAL

This proposal is for a 16 x 18.5 slab at the Cisco Road project. The labor and material breakdown is as follows:

Labor:

Saw cut slab, 2 men 1 hr. each	\$ 62.20
Remove old slab, 4 men 3 hrs. each	\$ 373.20
Drilling holes for dowels, 68 holes 9" embedded 2 men 3 hrs. each	\$ 186.60
Epoxying dowels, 2 men 1 hr. each	\$ 62.20
Remove approx. 2" of stone, 4 men 2 hrs. each	\$ 248.80
Pouring back concrete using 2 buggies	\$ 320.00
Running buggies, 2 men 2 hrs. each	\$ 124.40
Laying down concrete, 3 men 2 hrs. each	\$ 186.60
Clean-up, 3 men 1 hr. each	\$ 93.30
Finishing concrete, 2 men 6.5 hrs. each	\$ 404.30
Total Labor	\$2,061.60

Materials & Tools:

Two georgia buggies \$160.00 each	\$ 320.00
Fuel for buggies, approx.	\$ 40.00
3/4" x 24" slick dowels	\$ 194.16
Epoxy	\$ 265.00
Gun for epoxy	\$ 126.74
10 mil plastic	\$ 160.00
Trowel machine rental	\$ 150.00

Concrete	\$ 722.04
1 - 5 gal. can of sealer	\$ 225.00
Dumpster rental for old concrete removal	\$ 415.00
Total Materials & Tools	<u>\$2,617.94</u>

TOTAL COST OF JOB: \$4,679.54

Thomas Mayborg **05/22/15**
Submitted by: Date:

Accepted by: Date:

- L.F.U.C.G. License #14308
- This proposal is only good for 15 days.
- **Payment Terms: Upon completion.**
- **This proposal must be signed and returned to us before any work will be started. Please fax or mail a signed copy to the above address.**

**Note: The above estimate is based solely upon the project and initial inspection of the project work site. This estimate could change upon discovery of the need for additional work and on materials once the project has started. Any alterations or deviations from the above specifications involving extra costs will be executed only by written consent by the customer and will become an extra charge over the estimate.

Date Issued: 05.19.2015

Murphy + Graves + Trimble

Project: LFUCG PSOC

Attachments: None

Issued by: Jim Leake via Rob Crouch

Subject: Unsuitable Soils at Courtyard

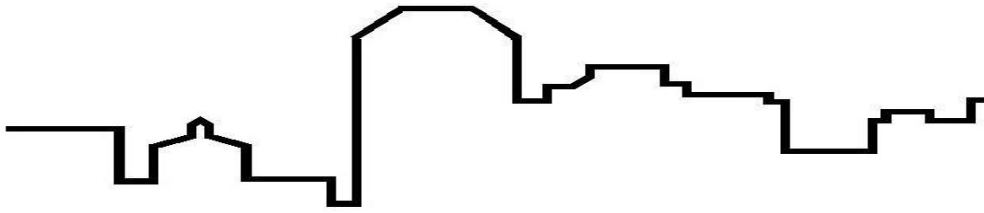
Provide pricing per the following:

Chris Whiting on Unsuitable Soils

“I would suggest excavating the poor material down to good soils and backfilling with DGA. If you have any questions or need additional information please feel free to contact me at your convenience.”

Special Inspections (CSI) to observe excavation to suitable materials. Contractor to contact CSI prior to excavating materials to schedule inspection times.

A claim for this work based upon special inspections and contractor quantities shall be submitted for this PR.



CHURCHILL McGEE, LLC

1315-C West Main Street
phone (859) 389-6976

Lexington, Kentucky 40508
fax (859) 389-6986

Change Order Proposal #15 -Unsuitable Soils

Project: Public Safety Operations Center	Date: 5/29/15																																																
Project Number: MGT 1316																																																	
You are authorizing us to perform the following additional work: Remove approximately 240 Cubic Feet (30'L x 4'W x 2'D) of unsuitable soils and backfilling with compacted DGA. Includes disposal of unsuitable soils.																																																	
<table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Division 31</td> <td style="width: 25%;">Labor \$1,448.00</td> <td style="width: 25%;">Materials \$500.00</td> <td style="width: 35%;">Mark-Up \$292.20</td> </tr> <tr> <td colspan="4" style="padding-top: 10px;">Labor: McQueen Wiley Construction</td> </tr> <tr> <td></td> <td>Excavator with operator. 6 hours @ \$75.00/hour</td> <td></td> <td style="text-align: right;">\$450.00</td> </tr> <tr> <td></td> <td>Bobcat with operator. 10 hours @ \$75.00/hour</td> <td></td> <td style="text-align: right;">\$750.00</td> </tr> <tr> <td></td> <td>Plate compactor with operator. 4 hours @ \$62.00/hour</td> <td></td> <td style="text-align: right;">\$248.00</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Labor Sub Total:</td> <td style="text-align: right;">\$1,448.00</td> </tr> <tr> <td colspan="4" style="padding-top: 10px;">Material: McQueen Wiley Construction</td> </tr> <tr> <td></td> <td>1 load of DGA</td> <td></td> <td style="text-align: right;">\$350.00</td> </tr> <tr> <td></td> <td>Disposal of soils off site</td> <td></td> <td style="text-align: right;">\$150.00</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Material Sub Total:</td> <td style="text-align: right;">\$500.00</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">15% Mark Up:</td> <td style="text-align: right;">\$292.20</td> </tr> <tr> <td style="padding-top: 10px;">Amount of this Change Order</td> <td></td> <td style="text-align: right;">Amount of this Change Order</td> <td style="text-align: right;">\$2,240.20</td> </tr> </table>		Division 31	Labor \$1,448.00	Materials \$500.00	Mark-Up \$292.20	Labor: McQueen Wiley Construction					Excavator with operator. 6 hours @ \$75.00/hour		\$450.00		Bobcat with operator. 10 hours @ \$75.00/hour		\$750.00		Plate compactor with operator. 4 hours @ \$62.00/hour		\$248.00			Labor Sub Total:	\$1,448.00	Material: McQueen Wiley Construction					1 load of DGA		\$350.00		Disposal of soils off site		\$150.00			Material Sub Total:	\$500.00			15% Mark Up:	\$292.20	Amount of this Change Order		Amount of this Change Order	\$2,240.20
Division 31	Labor \$1,448.00	Materials \$500.00	Mark-Up \$292.20																																														
Labor: McQueen Wiley Construction																																																	
	Excavator with operator. 6 hours @ \$75.00/hour		\$450.00																																														
	Bobcat with operator. 10 hours @ \$75.00/hour		\$750.00																																														
	Plate compactor with operator. 4 hours @ \$62.00/hour		\$248.00																																														
		Labor Sub Total:	\$1,448.00																																														
Material: McQueen Wiley Construction																																																	
	1 load of DGA		\$350.00																																														
	Disposal of soils off site		\$150.00																																														
		Material Sub Total:	\$500.00																																														
		15% Mark Up:	\$292.20																																														
Amount of this Change Order		Amount of this Change Order	\$2,240.20																																														
We hereby authorize the above change order to be completed Additional work is to be performed under the same conditions as specified in the original contract unless stipulated otherwise.																																																	
Date: _____ Owners Signature: _____																																																	
Churchill McGee LLC																																																	
Date: _____ Authorized Signature: _____																																																	

NOTE: The above referenced change order revisions will only modify the original contract scope of work as specifically addressed in this change order. All other terms and conditions of the original contract will not change.