

SECTION 00806

CHANGE ORDER

No. One (1)

DATE OF ISSUANCE July 1, 2015

EFFECTIVE DATE _____

OWNER St. Charles Parish

CONTRACTOR Circle, LLC

Contract: Dunleith Canal Bank Stabilization, Phase 4

Project: P081102-5

OWNER's Contract No. P081102-5 ENGINEER's Contract No. 2008-800

ENGINEER Evans-Graves Engineers, Inc.

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

Description: Addition of 104 linear feet of sheet piling, cap, backfill, and sod to tie the contract sheet pile into the Carriage Canal retention area; and removal of a buildup of mud adjacent to the Shell Oil Pipeline Bulkhead which was not part of the original contract work and was not the fault or responsibility of the Contractor. This work will require an additional 45 calendar days to be added to the contract.

1. Delete the Following Work Items:

a. (none)

Total of Deducted Items = (0.00)

2. Add the Following Work Items:

a. New Contract Item #20: Additional Mobilization/Demobilization
Addition of \$21,703.62 (L.S.). See attached cost estimate for details.

b. New Contract Item #21: Excavation/Clearing/Grubbing
Addition of \$8,000.00 (L.S.). See attached cost estimate for details.

c. New Contract Item #22: Steel Sheet Piling
Addition of \$78,936.00 (L.S.). See attached cost estimate for details.

d. New Contract Item #23: Steel Sheet Pile Wall Cap
Addition of \$8,840.00 (L.S.). See attached cost estimate for details.

Total of Added Work Items = (+\$117,479.62)

3. Revise the Following Work Item Quantities:

a. Contract Item #8: Temp. Sheet Pile Wall End Section
The quantity is to be changed to 4 EACH (+\$15,000.00)

b. Contract Item #14: Sheet Pile Modifications for Underground Obstructions
The quantity is to be changed to 70 LIN. FT. (-\$102,090.00)

c. Contract Item #15: Solid Sod
The quantity is to be changed to 626 SQ. YD. (+\$290.00)

d. Contract Item #A1-7: Sheet Pile Modifications for Underground Obstructions
The quantity is to be changed to 0 LIN. FT. (-\$5,125.00)

e. Contract Item #A2-6: Sheet Pile Modifications for Underground Obstructions
The quantity is to be changed to 0 LIN. FT. (-\$5,125.00)

f. Contract Item #A3-6: Sheet Pile Modifications for Underground Obstructions
The quantity is to be changed to 0 LIN. FT. (-\$5,125.00)

Total of Change in Work Items Quantity = (-\$102,175.00)

Reason for Change Order: See below reasons for each Line Item listed above.

1. Deleted Work Items

- a. N/A.

2. Add Work Items

- a. The Contractor had already demobilized the pile-driving equipment prior to this work being authorized. Additional mobilization and demobilization is required.
- b. The original contract did not contain a bid item for Excavation. This work is required to address the removal of a buildup of mud adjacent to the Shell Oil Pipeline Bulkhead which was not part of the original contract work and was not the fault or responsibility of the Contractor.
- c. This additional sheet piling will tie the contract sheet pile into the Carriage Canal retention area. The sheet piling in this area is a different material type and quantity than what was in the contract specifications.
- d. The additional sheet pile cap will tie the contract sheet pile into the Carriage Canal retention area. The sheet pile cap in this area is a different material type and quantity than what was in the contract specifications.

3. Revise Work Item Quantities

- a. The Temporary Sheet Pile Wall End Section already placed per contract will be removed and relocated to the end of the new sheet piling.
- b. Fewer obstructions were encountered during the contract work than were anticipated in the bid documents.
- c. This additional sod will tie the contract work into the Carriage Canal retention area.
- d. No obstructions were encountered during the contract work.
- e. No obstructions were encountered during the contract work.
- f. No obstructions were encountered during the contract work.

Attachments: (1) Tabulation of Project Quantities, dated June 30, 2015.
(2) Work Change Directive Number One (1), dated June 22, 2015.

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ <u>1,427,563.00</u>
Net Increase (Decrease) from previous Change Orders No. ___ to ___: \$ <u>0.00</u>
Contract Price prior to this Change Order: \$ <u>1,427,563.00</u>
Net <u>Increase</u> (decrease) of this Change Order: \$ <u>+15,304.62</u>
Contract Price with all approved Change Orders: \$ <u>1,442,867.62</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: 180 calendar days Substantial Completion: <u>July 11, 2015</u> Ready for final payment: <u>August 25, 2015</u> (days or dates)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: _____ (none) Ready for final payment: _____ (none) (days)
Contract Times prior to this Change Order: Substantial Completion: <u>July 11, 2015</u> Ready for final payment: <u>August 25, 2015</u> (days or dates)
Net increase (decrease) this Change Order: Substantial Completion: _____ additional 45 calendar days Ready for final payment: _____ additional 45 calendar days (days)
Contract Times with all approved Change Orders: Substantial Completion: _____ August 25, 2015 Ready for final payment: _____ October 9, 2015 (days or dates)

RECOMMENDED:

APPROVED:

ACCEPTED:

By: _____
ENGINEER (Authorized Signature)

By: _____
OWNER (Authorized Signature)

By: _____
CONTRACTOR(Authorized Signature)

Date: _____

Date: _____

Date: _____



PROJECT TITLE: **DUNLEITH CANAL STABILIZATION - PHASE 4**
 PROJECT NO: **P081102-3**



ITEM	DESCRIPTION	QTY	UNIT	Bid		Change Order CO1		Current including CO1	
				UNIT PRICE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Mobilization	1	Lump Sum	\$50,000.00	\$50,000.00	0.00	\$0.00	1.00	\$50,000.00
2	Cleaning and Grubbing	1	Lump Sum	\$8,000.00	\$8,000.00	0.00	\$0.00	1.00	\$8,000.00
3	Removal of Existing Bulkhead	265	Linear Feet	\$30.00	\$7,950.00	0.00	\$0.00	265.00	\$7,950.00
4	Removal of Existing Wood Deck and Fence (Vic. Sta. 128+00)	1	Lump Sum	\$4,500.00	\$4,500.00	0.00	\$0.00	1.00	\$4,500.00
5	Earthwork at Gas Pipeline Corridor (Vic. Sta. 100+20)	1	Lump Sum	\$9,000.00	\$9,000.00	0.00	\$0.00	1.00	\$9,000.00
6	Embankment	900	Cubic Yard	\$40.00	\$36,000.00	0.00	\$0.00	900.00	\$36,000.00
7	Sheet Piling	39,990	Square Feet	\$18.90	\$755,811.00	0.00	\$0.00	39,990.00	\$755,811.00
8	Temp. Sheet Pile Wall End Section	3	Each	\$15,000.00	\$45,000.00	1.00	\$15,000.00	4.00	\$60,000.00
9	Sheet Pile Wall Cap	1,278	Linear Feet	\$85.00	\$108,630.00	0.00	\$0.00	1,278.00	\$108,630.00
10	Work Platform (Stations 100+07.15 to 103+89.00 only)	1	Lump Sum	\$22,500.00	\$22,500.00	0.00	\$0.00	1.00	\$22,500.00
11	4" and Smaller PVC Pipe Penetration Through Sheet Pile Wall	7	Each	\$300.00	\$2,100.00	0.00	\$0.00	7.00	\$2,100.00
12	6" PVC Pipe Penetration Through Sheet Pile Wall	6	Each	\$300.00	\$1,800.00	0.00	\$0.00	6.00	\$1,800.00
13	24" PVC Pipe Penetration Through Sheet Pile Wall	1	Each	\$2,000.00	\$2,000.00	0.00	\$0.00	1.00	\$2,000.00
14	Sheet Pile Modifications for Underground Obstructions	568	Linear Feet	\$205.00	\$116,440.00	-498.00	-\$102,060.00	70.00	\$14,380.00
15	Solid Sod	568	Square Yard	\$5.00	\$2,840.00	0.00	\$0.00	668.00	\$3,390.00
16	Hydroseed	1,500	Square Yard	\$2.00	\$3,000.00	0.00	\$0.00	1,500.00	\$3,000.00
17	Construction Layout	1	Lump Sum	\$15,000.00	\$15,000.00	0.00	\$0.00	1.00	\$15,000.00
18	Tie-In to Existing Sheet Pile Bulkhead	3	Lump Sum	\$3,800.00	\$11,400.00	0.00	\$0.00	3.00	\$11,400.00
19	Relocation of Infrastructure Items	1	Lump Sum	\$50,000.00	\$50,000.00	0.00	\$0.00	1.00	\$50,000.00
20	CO1: Additional Mobilization/Demobilization								
21	CO1: Excavation/Cleaning/Grubbing								
22	CO1: Steel Sheet Piling								
23	CO1: Steel Sheet Pile Cap								
A1-1	Additional Cleaning and Grubbing	1	Lump Sum	\$5,000.00	\$5,000.00	0.00	\$0.00	1.00	\$5,000.00
A1-2	Additional Embankment	53	Cubic Yard	\$40.00	\$2,120.00	0.00	\$0.00	53.00	\$2,120.00
A1-3	Removal and Disposal of Trees	3	Each	\$2,000.00	\$6,000.00	0.00	\$0.00	3.00	\$6,000.00
A1-4	Additional Sheet Piling	2,100	Square Feet	\$18.90	\$39,690.00	0.00	\$0.00	2,100.00	\$39,690.00
A1-5	Additional Sheet Pile Wall Cap	60	Linear Feet	\$85.00	\$5,100.00	0.00	\$0.00	60.00	\$5,100.00
A1-6	4" or Smaller PVC Pipe Penetration Through Sheet Pile Wall	1	Each	\$300.00	\$300.00	0.00	\$0.00	1.00	\$300.00
A1-7	Sheet Pile Modification for Underground Obstructions	25	Linear Feet	\$5,125.00	\$128,125.00	-25.00	-\$125.00	0.00	\$0.00
A1-8	Additional Solid Sod	27	Square Yard	\$135.00	\$3,645.00	0.00	\$0.00	27.00	\$3,645.00
A1-9	Additional Hydroseed	70	Square Yard	\$2.00	\$140.00	0.00	\$0.00	70.00	\$140.00
A2-1	Additional Cleaning and Grubbing	1	Lump Sum	\$3,000.00	\$3,000.00	0.00	\$0.00	1.00	\$3,000.00
A2-2	Additional Embankment	60	Cubic Yard	\$40.00	\$2,400.00	0.00	\$0.00	60.00	\$2,400.00
A2-3	Additional Sheet Piling	2,100	Square Feet	\$18.90	\$39,690.00	0.00	\$0.00	2,100.00	\$39,690.00
A2-4	Additional Sheet Pile Wall Cap	60	Linear Feet	\$85.00	\$5,100.00	0.00	\$0.00	60.00	\$5,100.00
A2-5	4" or Smaller PVC Pipe Penetration Through Sheet Pile Wall	1	Each	\$300.00	\$300.00	0.00	\$0.00	1.00	\$300.00
A2-6	Sheet Pile Modification for Underground Obstructions	25	Linear Feet	\$5,125.00	\$128,125.00	-25.00	-\$125.00	0.00	\$0.00
A2-7	Additional Solid Sod	27	Square Yard	\$135.00	\$3,645.00	0.00	\$0.00	27.00	\$3,645.00
A2-8	Additional Hydroseed	77	Square Yard	\$2.00	\$154.00	0.00	\$0.00	77.00	\$154.00
A3-1	Additional Cleaning and Grubbing	1	Lump Sum	\$3,000.00	\$3,000.00	0.00	\$0.00	1.00	\$3,000.00
A3-2	Additional Embankment	64	Cubic Yard	\$40.00	\$2,560.00	0.00	\$0.00	64.00	\$2,560.00
A3-3	Additional Sheet Piling	2,100	Square Feet	\$18.90	\$39,690.00	0.00	\$0.00	2,100.00	\$39,690.00
A3-4	Additional Sheet Pile Wall Cap	60	Linear Feet	\$85.00	\$5,100.00	0.00	\$0.00	60.00	\$5,100.00
A3-5	4" or Smaller PVC Pipe Penetration Through Sheet Pile Wall	1	Each	\$300.00	\$300.00	0.00	\$0.00	1.00	\$300.00
A3-6	Sheet Pile Modification for Underground Obstructions	25	Linear Feet	\$5,125.00	\$128,125.00	-25.00	-\$125.00	0.00	\$0.00
A3-7	Additional Solid Sod	27	Square Yard	\$135.00	\$3,645.00	0.00	\$0.00	27.00	\$3,645.00
A3-8	Additional Hydroseed	84	Square Yard	\$2.00	\$168.00	0.00	\$0.00	84.00	\$168.00

TOTAL BASE + ALT. 1 + ALT. 2 + ALT. 3 PRICE **\$1,442,867.62**

SECTION 00805

WORK CHANGE DIRECTIVE

No. One (1)

DATE OF ISSUANCE June 22, 2015 EFFECTIVE DATE _____
Owner: St. Charles Parish
Contractor: Circle, LLC
Contract: Dunleith Canal Bank Stabilization, Phase 4
Project: P081102-5
Owner's Contract No.: P081102-5 Engineer's Contract No.: 2008-800
ENGINEER: Evans-Graves Engineers, Inc.

Contractor is directed to proceed promptly with the following change(s):

Description: Additional work to tie into Carriage Canal retention area, including driving of Sheet Piling, Embankment, and Sheet Pile Cap; and Removal of existing embankment in Shell Pipeline's Right-of-Way. Adhere to all contract specifications for this work regarding pile driving, backfill compaction, sod, etc.

Attachments: (List documents supporting change) E-mail from Stephen Lundgren requesting C.O. proposal and RFC 1 Proposal from Circle, LLC.

Purpose for Work Change Directive:

Directive to proceed promptly with the Work described herein, prior to agreeing to changes on Contract Price and Contract Time, is issued due to: (check one)

- Non-agreement on pricing of proposed change.
- Necessity to proceed for schedule or other project reasons.

Estimated Change in Contract Price and Contract Times (non-binding, preliminary):

Contract Price: \$ 132,769.62 [increase] [decrease]
Contract Time 45 calendar days [increase] [decrease]

Basis of estimated change in Contract Price:

- Lump Sum
- Unit Price
- Cost of the Work
- Other

Recommended: Limited Authorization By*: Received:
By: [Signature] By: [Signature] By: [Signature]
Engineer (Authorized Signature) Owner's Representative* Contractor (Authorized Signature)
Title: DEPUTY CHIEF ENGINEER, EG Title: Director Public Works Title: Project Manager
Date: 6/22/15 Date: 6-25-15 Date: 6/24/15

*Owner's Representative is not authorized to finalize a Change Order nor does the Work Change Directive substitute the Change Order process as more fully set out in the General Conditions of the Construction Contract.

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____



1204 Engineers Road
Belle Chasse, LA 70037
p: 504.394.7611
f: 504.394.7626

Attention: Mr. Stephen Lundgren

Re: Additional driving of Sheet Piling, Additional Embankment, Cap for Sheet Piling, Removal of existing embankment in Shell Pipeline's ROW

Request for Change Order #1

From

CIRCLE LLC



1204 Engineers Road
Belle Chasse, LA 70037
p: 504.394.7611
f: 504.394.7626

Mr. Lundgren:

Circle LLC appreciates the opportunity to continue to drive the additional sheet piling at Dunleith Canal. According to your most recent email, we will need to drive an additional 104 Linear Feet of Sheet Piling, add 104 linear feet of cap, and continue with embankment like we have done so on the original contract, as well as remove the embankment buildup in front of Shell Pipeline's ROW. See below for a breakdown of pricing for the change order:

Sheet Piling \$23.00/SF
Total: \$78,936.00

Sheet Piling Wall Cap: \$85.00/LF
Total: \$8,840.00

Clearing, Embankment, Excavation:
Total: \$40.00/CY
 \$8,000.00

Seed/Hydroseed/Sod: \$5.00/SY
Total: \$290.00.

Temp. Sheet Wall End Section: \$15,000.00

Mob/demob: \$ 9,699.48

Overhead: \$12,004.14

Total: \$132,769.62

If you have any questions, please feel free to contact me via phone or email at any time.

Sincerely;

Taylor Roy
Circle, LLC
1204 Engineers Road
Belle Chasse, LA 70037
t: 504.394.7611 x 118
f: 504.394.7626

Stephen Lundgren

From: Stephen Lundgren
Sent: Thursday, June 11, 2015 9:40 AM
To: 'Kenneth Gaubert'; Taylor Roy
Cc: Johnny Thompson; Jordon DeJean
Subject: Dunleith Phase 4 Meeting 6-10-2015 - and new change order request
Attachments: change order drawing.jpg.docx

Taylor --

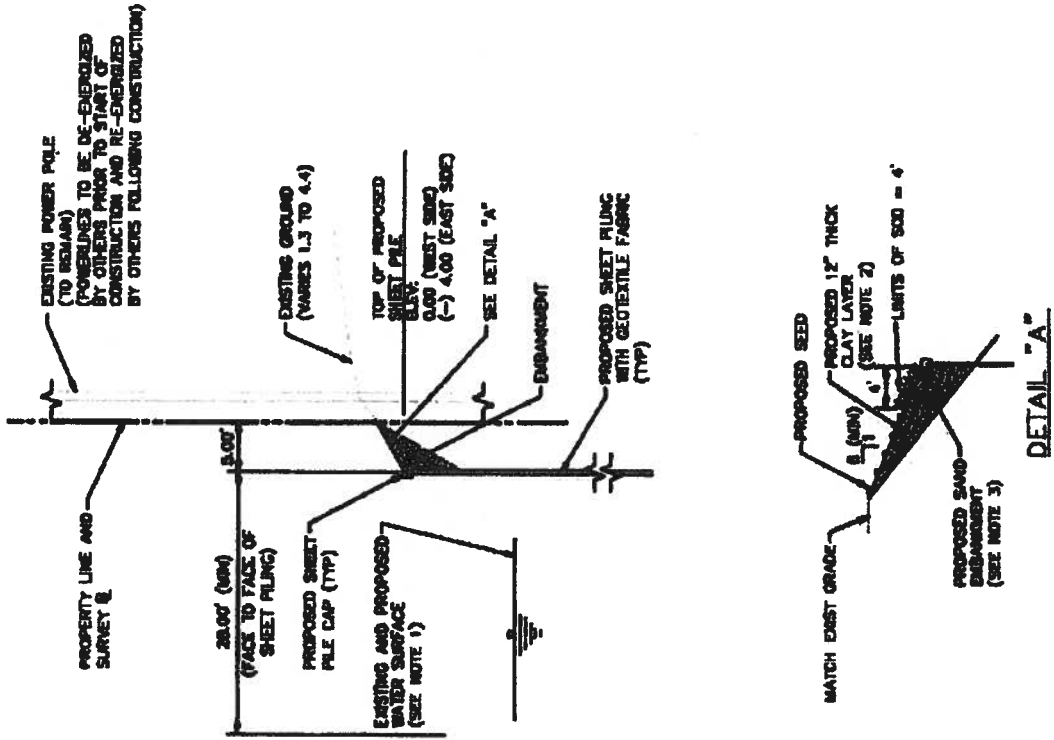
A few items from yesterday's meeting for your attention:

1. Please give us an update on the complaint from Betty Hutchins, 90 Dunleith Drive.
2. Substantial Completion can be achieved following completion of pipe penetrations, backfill, and cap. Per Parish requirements, Circle needs to write E-G a letter (copy to St. Charles Parish) claiming they are substantially complete, at which time E-G will schedule the walkthrough. There are roughly 30 days left in the contract at this time.
3. Please advise us of your communications with Shell Pipeline regarding the removal of canal fill materials in front of their bulkhead.
4. Please provide us change order pricing and timing for extending the sheet piling, backfill, and sod along west side of the Dunleith Canal south of the P.S. bridge from the south end of the straight run through Lot 70 to the end of the new turf reinforcement mat at the end of the Dunleith/Carriage Intersection project, a field-measured length of 104 feet. Also as part of this work, the end wingwall will be removed and placed at the end of the new run, 104 feet up the canal. Drawings and notes are attached for your convenience, which are the same drawings, specs, and details as the current plans.

Thanks again -
Stephen, E-G

TYPICAL SECTION NOTES:

1. WATER LEVELS ARE CONTROLLED BY DESTREHAN #1 AND #2 PUMP STATIONS TYPICALLY MAINTAINED DURING NORMAL OPERATING CONDITIONS AT EL. (-)5.30.
2. COST OF SOIL BLANKET TO BE INCLUDED IN THE COST OF EMBANKMENT. SEED ALL AREAS IN SERVITUDE BEHIND NEW SHEET PILE NOT COVERED WITH SOO.
3. EMBANKMENT MATERIAL SHALL CONSIST OF POORLY-GRADED CLEAN SAND (SP) MATERIALS WITH LESS THAN 15 PERCENT PASSING THE U.S. STANDARD SIEVE SIZE No. 200 UP TO AN ELEVATION 12 INCHES BELOW FINAL GRADE. MATERIAL SHALL NOT BE DUMPED FROM A HEIGHT, BUT GENTLY PLACED INTO THE WEDGE. INSTALL GEOTEXTILE FABRIC BEHIND SHEET PILE WALL PRIOR TO INSTALLING BACKFILL (SEE SPECIFICATIONS).
4. WHERE ACCESS IS AVAILABLE FOR HAND-HELD COMPACTION EQUIPMENT OR OTHER COMPACTORS, THE SAND EMBANKMENT SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 9 INCHES AND COMPACTED TO A MINIMUM 92% OF STANDARD PROCTOR (ASTM D. 698) MAXIMUM DRY DENSITY. SAND EMBANKMENT MATERIALS THAT CAN NOT BE ACCESSED BY A COMPACTOR OR MATERIALS PLACED BELOW THE WATER TABLE SHALL BE GENTLY COMPACTED USING LONG-STEM CONCRETE VIBRATORS, USING CAUTION NOT TO LIQUEFY THE SAND.
5. THE TOP 12 INCHES OF THE FINISHED EMBANKMENT SHALL CONSIST OF NON-DISPERSIVE CLAY SOILS FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS, WITH A MAXIMUM CLAY LUMP SIZE OF 3 INCHES, A LIQUID LIMIT NOT GREATER THAN 55, AND A PLASTICITY INDEX BETWEEN 15 TO 30.
6. CLAY MATERIAL SHALL BE PLACED IN MAXIMUM LIFTS OF 8 INCHES OF LOOSE MATERIAL AND COMPACTED TO AT LEAST 95% OF STANDARD PROCTOR DRY DENSITY AS DETERMINED BY ASTM D 698 WITHIN THE RANGE OF ZERO TO THREE PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE.
7. SUITABLE EXCAVATED MATERIALS MEETING THE REQUIREMENTS OF NOTES 5 AND 6 ABOVE MAY BE USED AS THE TOP CLAY LAYER OF THE EMBANKMENT WITH THE ENGINEER'S APPROVAL. ALL EXCESS EXCAVATED MATERIAL SHALL BE HAULED OFF-SITE AND DISPOSED OF LEGALLY AND PROPERLY AT THE CONTRACTOR'S RESPONSIBILITY.



DETAIL "A"