

2024-0048

**INTRODUCED BY: MATTHEW JEWELL, PARISH PRESIDENT
(DEPARTMENT OF PUBLIC WORKS)**

ORDINANCE NO. 24-2-6

An ordinance approving and authorizing the execution of Change Order No. 1 for the Hydraulic Bottleneck Near Destrehan P.S. No. 2, (Project No. P190507), to increase the contract amount by \$476,447.31 and increase the contract time by 76 days.

WHEREAS, Ordinance No. 19-7-1 adopted July 1, 2019, by the St. Charles Parish Council, approved and authorized the execution of a professional service multi-phase project agreement with Evans-Graves Engineers, Inc., for providing all necessary professional engineering services for a project that improves conveyance capacity in a canal in the vicinity of Destrehan Pump Station (P.S.) No. 2. (Parish Project Number P190507), in the amount not to exceed \$105,160.00; and,

WHEREAS, Ordinance No. 22-12-7 adopted December 5, 2022, by the St. Charles Parish Council, approved and authorized the execution of a contract with Cycle Construction Company, LLC, for the Hydraulic Bottleneck Near Destrehan P.S. No. 2, (Project No. P190507) in the amount of \$2,264,960.00; and,

WHEREAS, Ordinance No. 23-5-2 adopted May 8, 2023, by the St. Charles Parish Council, approved and authorized the executions of a Professional Services Agreement with Alpha Testing and Inspection, Inc., to perform testing services for the Hydraulic Bottleneck Near Destrehan P.S. No. 2 (Project No. P190507), in the not to exceed amount of \$26,000.00; and,

WHEREAS, Ordinance No. 23-11-12 adopted November 20, 2023, by the St. Charles Parish Council, approved and authorized the execution of Amendment No. 1 to a Professional Services Agreement with Alpha Testing and Inspection, Inc., for additional testing services for the Hydraulic Bottleneck Near Destrehan P.S. No. 2 (Project No. P190507), in the not to exceed amount of \$19,000.00, increasing the overall not to exceed fee to \$45,000.00; and,

WHEREAS, it is necessary to amend the construction contract to include the unforeseen scope item of installing a cofferdam within Dunleith Canal, resulting in an increase to the contract amount by \$381,206.18 and increase contract time by 49 calendar days; and,

WHEREAS, it is necessary to amend the construction contract to incorporate costs for the contractor to remove pieces of said cofferdam due to direction from St. Charles Parish, resulting in an increase to the contract amount by \$95,241.13 and increase the contract time by 27 calendar days; and,

THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:

SECTION I. That Change Order No. 1 for Hydraulic Bottleneck Near Destrehan P.S. No. 2, (Project No. P190507), to increase the contract amount by \$476,447.31 and increase the contract time by 76 calendar days is hereby approved and accepted.

SECTION II. That the Parish President is hereby authorized to execute said Change Order on behalf of St. Charles Parish.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS: MOBLEY, FONSECA, WILSON, SKIBA, PILIE, COMARDELLE,
O'DANIELS, FISHER, DEBRULER
NAYS: NONE
ABSENT: NONE

And the ordinance was declared adopted this 5th day of February, 2024, to become effective five (5) days after this publication in the official journal.

CHAIRMAN: Bert Fisher
SECRETARY: Michelle Dupont
DLVD/PARISH PRESIDENT: February 6, 2024
APPROVED: [Signature] **DISAPPROVED:** _____

PARISH PRESIDENT: Matthew Jewell
RET/SECRETARY: February 7, 2024
AT: 10:33am RECD BY: [Signature]

**RECORDED IN THE ST. CHARLES PARISH
CLERK OF COURT OFFICE
ON 2/8/24
AS INSTRUMENT NO. 479890
IN MORTGAGE/CONVEYANCE/OATH BOOK**

SECTION 00806

CHANGE ORDER

No. One (1)

DATE OF ISSUANCE January 17, 2024

EFFECTIVE DATE 2/6/24

OWNER St. Charles Parish Department of Public Works
CONTRACTOR Cycle Construction Company, LLC
Contract: P190507 Hydraulic Bottleneck Near Destrehan P.S. No. 2
Project: Hydraulic Bottleneck Near Destrehan P.S. No. 2
OWNER's Contract No. P190507 ENGINEER's Contract No. 2019-730
ENGINEER Evans-Graves Engineers, Inc.

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

Description: *See attached example on how to fill in this information*

1. Delete the Following Work Items:

- a. Not Applicable (N/A)

Total of Deducted Items = *(-\$0.00)*

2. Add the Following Work Items:

- a. New Contract Item #: *14) Temporary Steel Sheet Pile Cofferdam and Dewatering as required for Construction of West Side Sheet Pile Bulkhead Installation around Shell and Enterprise Pipelines.*
Addition of \$ 381,206.18 (L.S.). See attached cost estimate for details.
- b. New Contract Item #: *15) Emergency Work and Recovery for Storm Events.*
Addition of \$ 95,241.13 (L.S.). See attached cost estimate for details.

Total of Added Work Items = *(+\$ 476,447.31)*

3. Revise the Following Work Item Quantities:

- a. Not Applicable (N/A)

Total of Change in Work Items Quantity = *(+/- \$0.00)*

Reason for Change Order: *List a reason for each Line Item listed above. See attached example on how to fill in this information*

1. Deleted Work Items

- a. Not Applicable (N/A)

2. Add Work Items

- a. In order to complete the Contract work as required in the Construction Documents at the Shell and Enterprise pipeline corridor, the Contractor, Cycle Construction, LLC, erected a Temporary Retaining Structure (TRS) behind the existing sheet pile bulkhead on the west side of the Dunleith Canal, so that the pipelines could be exposed and the required Contract work performed in the excavation. This work was included in the Construction Bid and was performed at no additional cost. However, the existing west side sheet pile bulkhead did not provide cutoff for seepage from the Dunleith Canal, and the TRS excavation filled with Canal water until the water in the excavation equalized with the water level within the Dunleith Canal itself, approximately 5 feet deep. This prevented the Contract work from being able to proceed at this location, which required dry conditions for the work around the pipelines. After attempts to dewater the TRS failed, Cycle Construction requested and received permission to vary the Contract Documents by constructing a cofferdam within the Dunleith Canal and dewatering that portion of the Canal in order to create dry conditions for construction to proceed. The cost and time associated with this work included extended field office overhead during the delay period, the actual costs of furnishing, driving, and ultimately removing the steel sheets for the cofferdam, and the actual

costs of furnishing pumps and plugs for dewatering the Canal. The delay time extended from the initial instance of the TRS filling with water (9/12/2023) until the construction of the cofferdam was completed and contract work could continue to proceed (10/30/2023): 49 calendar days in total.

- b. In conjunction with the installation of the cofferdam as described above, the anticipated severe weather and intense rainfall expected in early December 2023 prompted the Owner to direct partial removal/extraction of cofferdam steel sheet piling and re-watering of the area in order to facilitate drainage flow within the Canal. Following the rain event, the cofferdam was re-constructed and dewatered again. The cost and time associated with this work included extended field office overhead during the delay period and the actual costs of extracting and re-driving the steel sheets for the cofferdam. The delay time extended from the beginning of cofferdam extraction (12/1/2023) until the re-construction of the cofferdam was completed and dewatered and contract work could continue to proceed (12/27/2023): 27 calendar days in total.
3. Revise Work Item Quantities
 - a. Not Applicable (N/A)

Attachments: (List documents supporting change)

Cycle RFC-006 TRS Delays Proposal, dated 1/4/2024

Cycle RFC-007 Emergency Work and Recovery Proposal, dated 1/9/2024

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ <u>\$2,264,960.00</u>
Net Increase (Decrease) from previous Change Orders No. <u>N/A</u> to <u>N/A</u> : \$ <u>\$0.00</u>
Contract Price prior to this Change Order: \$ <u>\$2,264,960.00</u>
Net <u>increase</u> (decrease) of this Change Order: \$ <u>\$476,447.31</u>
Contract Price with all approved Change Orders: \$ <u>\$2,741,407.31</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <u>One Hundred Twenty (120)</u> Ready for final payment: <u>One Hundred Sixty-Five (165)</u> (days or dates)
Net change from previous Change Orders No. <u>N/A</u> to No. <u>N/A</u> : Substantial Completion: <u>0</u> Ready for final payment: <u>0</u> (days)
Contract Times prior to this Change Order: Substantial Completion: <u>One Hundred Twenty (120)</u> Ready for final payment: <u>One Hundred Sixty-Five (165)</u> (days or dates)
Net <u>increase</u> (decrease) this Change Order: Substantial Completion: <u>Seventy-Six (76)</u> Ready for final payment: <u>Seventy-Six (76)</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: <u>One Hundred Ninety-Six (196)</u> Ready for final payment: <u>Two Hundred Forty-One (241)</u> (days or dates)

RECOMMENDED:

By: [Signature]
ENGINEER (Authorized Signature)

Date: 1/19/2024

APPROVED:

By: [Signature]
OWNER (Authorized Signature)

Date: 2-6-24

ACCEPTED:

By: [Signature]
CONTRACTOR (Authorized Signature)

Date: 1/18/24

**Remainder of the attachments (75 pages) to this Change Order are on file and may be viewed at the St. Charles Parish Council Office, Courthouse, 15045 River Road, Hahnville.



P: 504.467.1444
F: 504.467.1222

6 East Third Street
Kenner, LA 70062

January 4, 2024

Mr. Stephen Lundgren
Evans-Graves Engineers, Inc.
909 Poydras St, Suite 3050
New Orleans, Louisiana 70122
VIA EMAIL
slundgren@evans-graves.com

Re: P190507 Hydraulic Bottleneck near Destrehan PS No 2
Cycle Construction RFC-006 TRS Delays Proposal

Gentlemen,

Cycle Construction Company, LLC (Cycle) is sending this REVISED proposal for the extra costs associated with TRS Delays on our project, Hydraulic Bottleneck.

This letter supersedes and replaces our original proposal dated 9/21/2023. Changes within this proposal include extended field office overhead and delay costs from estimated 30 calendar day in original proposal to actual calendar days delay of 49 calendar days.

We request lump sum change order in the amount of \$ 381,206.18 covering the following items:

1. Extended Field Office Overhead
2. Blue Iron Costs
3. Earth Plugs and Pumping of Canal
4. Delay Costs

We also request **49 calendar days** be added to contract within the requested change order.

Please see attached breakdown of costs per the above mentioned line items we believe will be required to keep canal dewatered and allow original contract work to be completed.

If you have any questions on this change order request, please do not hesitate to call.

Sincerely,
Cycle Construction Company, L.L.C.

A handwritten signature in black ink that reads 'Wayne Evans'.

Wayne Evans
Project Manager

Cc: Mr. Nathan Kernon, Cycle
File

www.cycleconstruction.com

Cycle Construction Co., LLC

427 Hydraulic Bottleneck

Price Breakdown

RFC.006 TRS Delays--RECAP

1/4/2024

Extended Field Office Overhead	\$ 44,731.26
Blue Iron Mob/Drive Sheets/Standby/Pull Sheets/Demob	\$ 217,718.27
Earthen Plugs and Pumping of Canal	\$ 61,791.88
Delay Costs	\$ 56,964.76
Total	\$ 381,206.18



P: 504.467.1444
F: 504.467.1222

6 East Third Street
Kenner, LA 70062

January 9, 2024

Mr. Stephen Lundgren
Evans-Graves Engineers, Inc.
909 Poydras St. Suite 3050
New Orleans, Louisiana 70122
VIA EMAIL
slundgren@evans-graves.com

Re: P190507 Hydraulic Bottleneck near Destrehan PS No 2
Cycle Construction RFC-007 12/1/23 Emergency Work and Recovery

Gentlemen,

Cycle Construction Company, LLC (Cycle) is sending this REVISED proposal for the extra costs associated with 12/1/23 Emergency Work and Recovery on our project, Hydraulic Bottleneck.

We request lump sum change order in the amount of **\$ 95,241.13** covering the following items:

1. Extended Field Office Overhead
2. Blue Iron Costs
3. 12/1/23 Emergency Work and Delay Costs until jobsite was back to point prior to 12/1/23 emergency work

We also request **27 calendar days** be added to contract within the requested change order.

If you have any questions on this change order request, please do not hesitate to call.

Sincerely,
Cycle Construction Company, L.L.C.

A handwritten signature in black ink that reads 'Wayne Evans'.

Wayne Evans
Project Manager

Cc: Mr. Nathan Kernion, Cycle
File

www.cycleconstruction.com

Cycle Construction Co., LLC

427 Hydraulic Bottleneck

Price Breakdown

RFC.007 12/1/23 Emergency Work and Recovery--RECAP

1/12/2024

Extended Field Office Overhead	\$ 24,647.84
Blue Iron 12/1/23 Emergency Work and Delay Costs	\$ 33,611.70
Delay Costs	\$ 36,981.60
Total	\$ 95,241.13

Cycle Construction Co., LLC

427 Hydraulic Bottleneck

Price Breakdown

RFC.007 12/1/23 Emergency Work and Recovery--Extended Field Office Overhead

1/12/2024

Labor				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate¹</i>	<i>Total</i>
Superintendent	216.00	Hrs	\$ 72.38	\$ 15,634.08
				\$ -
				\$ -
				\$ -
				\$ -
			Total Labor Cost	\$ 15,634.08
Rate includes burden and fringe				
Equipment				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Work Rate</i>	<i>Total</i>
Superintendent Pickup	216.00	Hrs	\$ 16.00	\$ 3,456.00
Supt Cell Phone and Ipad	27.00	Day	\$ 15.00	\$ 405.00
Port O Let	27.00	Day	\$ 6.46	\$ 174.42
Jobsite Trailer	27.00	Day	\$ 38.58	\$ 1,041.66
Electricity	27.00	Day	\$ 15.00	\$ 405.00
			Total Equipment Cost	\$ 5,482.08
Haul				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
			Total Haul Cost	\$ -
Material				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
				\$ -
			Total Material Cost	\$ -
Misc.				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
				\$ -
				\$ -
			Total Misc. Cost	\$ -
			Subtotal Cost	\$ 21,116.16
			Profit (15%)	\$ 3,167.42
			Bond (1.5%)	\$ 364.25
			Total Cost	\$ 24,647.84

Cycle Construction Co., LLC

427 Hydraulic Bottleneck

Price Breakdown

RFC.007 12/1/23 Emergency Work and Recovery--Blue Iron

1/12/2024

Labor				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate¹</i>	<i>Total</i>
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
			Total Labor Cost	\$ -
¹Rate includes burden and fringe				
Equipment				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Work Rate</i>	<i>Total</i>
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
			Total Equipment Cost	\$ -
Haul				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
			Total Haul Cost	\$ -
Material				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
				\$ -
			Total Material Cost	\$ -
Misc.				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
Sub-Blue Iron	1	LS	\$ 28,795.63	\$ 28,795.63
				\$ -
			Total Misc. Cost	\$ 28,795.63
			Subtotal Cost	\$ 28,795.63
			Profit (15%)	\$ 4,319.34
			Bond (1.5%)	\$ 496.72
			Total Cost	\$ 33,611.70

SECTION 00805

WORK CHANGE DIRECTIVE

No. One (1)

DATE OF ISSUANCE October 4, 2023 EFFECTIVE DATE September 28, 2023

Owner: St. Charles Parish Department of Public Works
Contractor: Cycle Construction Company, LLC
Contract: P190507 Hydraulic Bottleneck Near Destrehan P.S. No. 2
Project: Hydraulic Bottleneck Near Destrehan P.S. No. 2
Owner's Contract No.: P190507 Engineer's Contract No.: 2019-730
ENGINEER: Evans-Graves Engineers, Inc.

Contractor is directed to proceed promptly with the following change(s):
Description: As a change to the Contract Documents which state that "the Parish will not allow the Canal to be pumped down or dammed off and dewatered," the Parish does not object to a Contractor-designed, Contractor-furnished, Contractor-installed temporary sheet pile cofferdam within the Dunleith Canal, subject to provisions listed in the attached communication.

Attachments: (1) E-mail communications from St. Charles Parish (September 12, 2023; and September 13, 2023), (2) Submittal 03: Canal Cut Off TRS Engineering (Blue Iron, September 23, 2023), and (3) RFC-006: TRD Delays Proposal (Cycle, September 21, 2023).

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: \$ 319,015.19 increase
Contract Time 30 calendar days increase

Basis of estimated change in Contract Price:

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

Recommended: [Signature] Limited Authorization By*: [Signature] Received. [Signature]
By: [Signature] Engineer (Authorized Signature) By: [Signature] Owner's Representative* By: [Signature] Contractor (Authorized Signature)
Title: DEPUTY CHIEF ENGINEER Title: Director - Public Works Title: EVP
Date: 10/4/2023 Date: 10/07/2023 Date: 10/4/23

*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: _____

Cycle Construction Co., LLC

427 Hydraulic Bottleneck

Price Breakdown

RFC.006 TRS Delays--RECAP

9/21/2023

Extended Field Office Overhead	\$ 22,822.07
Blue Iron Mob/Drive Sheets/Standby/Pull Sheets/Demob	\$ 217,718.27
Earthen Plugs and Pumping of Canal	\$ 61,791.88
Delay Costs	\$ 16,682.97
Total	\$ 319,015.19

Cycle Construction Co., LLC
427 Hydraulic Bottleneck
Price Breakdown
RFC.006 TRS Delays--Plug and Pump Canal
9/21/2023

Labor				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate¹</i>	<i>Total</i>
Operator Heavy	200.00	Hrs	\$ 49.68	\$ 9,936.00
Laborer	200.00	Hrs	\$ 39.74	\$ 7,948.00
				\$ -
				\$ -
				\$ -
			Total Labor Cost	\$ 17,884.00
¹ Rate includes burden and fringe				
Equipment				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Work Rate</i>	<i>Total</i>
6" Pump with Float	200.00	Hrs	\$ 53.64	\$ 10,728.00
Long Reach Excavator	200.00	Hrs	\$ 101.63	\$ 20,326.00
				\$ -
			Total Equipment Cost	\$ 31,054.00
Haul				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
Haul Pump (Mob/Demob)	8.00	Hrs	\$ 125.00	\$ 1,000.00
Haul Long Reach (Mob/Demob)	8.00	Hrs	\$ 125.00	\$ 1,000.00
			Total Haul Cost	\$ 2,000.00
Material				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
Sump Material (Stone/Slotted Pipe/Fabric)	1	LS	\$ 2,000.00	\$ 2,000.00
			Total Material Cost	\$ 2,000.00
Misc.				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
				\$ -
				\$ -
			Total Misc. Cost	\$ -
			Subtotal Cost	\$ 52,938.00
			Profit (15%)	\$ 7,940.70
			Bond (1.5%)	\$ 913.18
			Total Cost	\$ 61,791.88

Cycle Construction Co., LLC
427 Hydraulic Bottleneck
Price Breakdown
RFC.006 TRS Delays--Delay Costs
9/21/2023

Labor and Equipment				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate¹</i>	<i>Total</i>
9/12/23 Costs	1.00	Day	\$ 1,474.54	\$ 1,474.54
9/13/23 Costs	1.00	Day	\$ 986.00	\$ 986.00
9/14/23 Costs	1.00	Day	\$ 986.00	\$ 986.00
9/15/23 Costs	1.00	Day	\$ 986.00	\$ 986.00
9/18/23 to 9/29/23 Costs (projected)	10.00	Day	\$ 986.00	\$ 9,860.00
			Total Labor Cost	\$ 14,292.54
¹ Rate includes burden and fringe				
Equipment				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Work Rate</i>	<i>Total</i>
				\$ -
			Total Equipment Cost	\$ -
Haul				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
				\$ -
				\$ -
			Total Haul Cost	\$ -
Material				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
				\$ -
			Total Material Cost	\$ -
Misc.				
<i>Description</i>	<i>Qty</i>	<i>Units</i>	<i>Rate</i>	<i>Total</i>
				\$ -
				\$ -
			Total Misc. Cost	\$ -
			Subtotal Cost	\$ 14,292.54
			Profit (15%)	\$ 2,143.88
			Bond (1.5%)	\$ 246.55
			Total Cost	\$ 16,682.97