
BRYAN TEXAS UTILITIES

CHANGE ORDER

NOT TO EXCEED 25% OF ORIGINAL APPROVED AMOUNT



Date: **April 24, 2019**

Change Order Number: **1**

Contract Name: **Lake Bryan Dam Repairs**

Contract Number: **RFP# 001-01-18 (PO# 12617)**

Justification:

To repair the failed area on the upstream slope of the South embankment toward the left end of the embankment section along with additional slope failure areas on the upstream slope of the South embankment.

- *Install 200' coffer dam and restore the upstream slope of the East end of the South embankment.*
- *Repair 300' of upstream slope on the South embankment.*

Contractor: **Rebel Contractors, Inc.**

YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES IN THE CONTRACT.

It is the intent of this change order to increase the contract amount by (16.8%) of the Contract for Lake Bryan Dam Repairs. Terms and Conditions from the original Contract RFP# 001-01-18, shall remain firm through the end of the extended contract period.

The Original Contract Sum was: **\$ 1,307,294.80**

Net Change by previously authorized Change Orders: **\$ 0**

The Contract Sum prior to this Change Order was: **\$ 1,307,294.80**

The Contract Sum will be increased by this Change Order: **\$ 219,449.20**

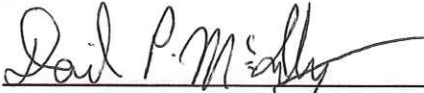
The new Contract Sum including this Change Order will be: \$ 1,526,744.00 (Includes \$100,000 Contingency)

The Contract Time will be changed by: **Thirty (30) Days**

EXECUTED in duplicate original this _____ day of _____, 2019, at Bryan, Texas, where this contract is performable and enforceable.

BRYAN TEXAS UTILITIES:

CHANGE RECOMMENDED and APPROVED:



David McIntyre, BTU Division Manager

Date: 5/1/19

Gary Miller, BTU General Manager

Date: _____

P D Bairrington, BTU Board Chairman

Date: _____

BTU Purchasing: 

REBEL CONTRACTORS, INC.:

By: 

Printed Name: Rusty Wilson

Title: PRESIDENT

Date: 4-29-19



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April 17, 2019

Mr. David McIntyre
Division Manager
Bryan Texas Utilities
8181 Mumford Road
Bryan, TX 77807

Re: Lake Bryan Dam Repairs
Change Order No. 2 Recommendation
(Change Order 1 for BTU) - \$990 was taken out of original PO contingency.

Dear Mr. McIntyre:

Enclosed for your approval is a copy of Change Order No. 2 for the additional work associated with the upstream slope repairs on the Lake Bryan Dam Repair project.

This proposed change order covers the upstream slope repair on the south embankment section. In the area near the park entrance, we did some geotechnical testing and based on our observations, we recommended excavating the embankment fill material down to the gray, silty sand layer and reconstructing the embankment to match the slopes on either side of the repair area. Since this depth will be several feet below the lake level, a cofferdam will be needed to allow the work to proceed in the dry. The use of sheet piling for the cofferdam will minimize the potential environmental damage and will allow the work to proceed without a significant lowering of the lake. The sheet pile will be left in place and with an expected design life of at least 50 years should stabilize this area.

The other area of repair is located between some of the previously repaired areas on the upstream slope. Over the last several years, the south embankment slope has experienced shallow surface slides on the upstream slope. The current contract includes repair of over 500 linear feet of these slides and the change order will include another 300 linear feet.

We recommend Bryan Texas Utilities approve these repairs. After signature, please return a copy for our records and we will coordinate with Rebel Contractors, Inc to get the work scheduled. Please let me know if you have questions.

Sincerely,



Janis Murphy, P.E.
Project Manager

PROJECT: Lake Bryan Dam Repairs
 OWNER: Bryan Texas Utilities OWNER PROJ # _____
 CONTRACTOR: Rebel Contractors, Inc. CONTRACTOR # _____
 ENGINEER: Freese & Nichols, Inc. ENG. PROJ. # BTU15156
 CHANGE ORDER NO. 2 CHANGE ORDER DATE: 11-Apr-19

Make following additions/deletions or modifications to work described in the Contract Documents:
 1. Repair the failed area on the upstream slope of the South embankment toward the left end of the embankment section in accordance with PCM 0002.
 Effort shall include the installation of sheet pile, regrading of the upstream slope to stabilize the crest of the dam in this area and placment of filter fabric and re-placment of the rock riprap removed from the area along a 200 foot length of slope.

Description of Change	Quantity	Unit	Unit Price	Cost
Excavate failed material	1	LS	\$ 35,250.00	\$ 35,250.00
Install Sheet Pile and regrade	1	LS	\$ 206,960.00	\$ 206,960.00
Place filter fabric	1	LS	\$ 5,412.00	\$ 5,412.00
Replace rock riprap	1	LS	\$ 35,250.00	\$ 35,250.00

2. Repair additional slope failure areas on the upstream slopeof the south embankment for the unit price included in the contract.

1	Upstream Slope Repair	300	LF	\$ 697.00	\$ 209,100.00
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TOTAL COST OF THIS CHANGE ORDER: \$491,972.00

The compensation agreed to upon in this change order is full, complete and final payment for all costs the Contractor may incur as a result of or related 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 affect on changed or unchanged work as a result of this Change Order.

Contract Cost and/or Time Impacts:

Original Contract Amount	\$933,782.00
Previously Approved Change Order Amount	\$990.00
Adjusted Contract Amount	\$934,772.00
Proposed Change Order Amount (this change order)	\$491,972.00
Revised Contract Amount	\$1,426,744.00
Previous Contract Time (Days)	57
Previous Substantial Completion Date	15-May-18
Previous Final Completion Date	15-May-18
Net Change in Contract Time (Days)	0
Revised Contract Time (Days)	
Revised Substantial Completion Date	15-Aug-19
Revised Final Completion Date	14-Sep-19

Recommended by:
 FRESE AND NICHOLS, INC.

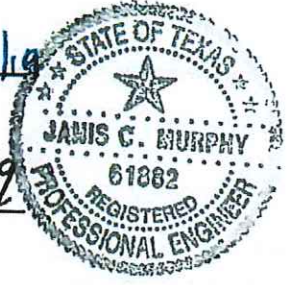
By Janis C. Murphy Date 4/11/19

Approved by:
 REBEL CONTRACTORS, INC.

By [Signature] Date 4-15-19

Approved by:
 BRYAN TEXAS UTILITIES

By _____ Date _____





PROPOSED CONTRACT MODIFICATION (4.41 /0001)

PROJECT:	<u>Lake Bryan Dam Repairs</u>	PROJECT NUMBER:	<u>BTU15156</u>
OWNER:	<u>Bryan Texas Utilities</u>		
CONTRACTOR:	<u>Rebel Contractors, Inc.</u>		
ENGINEER:	<u>Freese & Nichols, Inc.</u>		

DESCRIPTION: Upstream Slope Sheet Pile **PCM No: 0002**

NOTIFICATION TO CONTRACTOR:
 The Owner proposes to make the additions, modifications or deletions to the Work described in the Contract Documents as shown in Attachment "A". We request that you take the following action within 10 calendar days:

- Notify us that you concur that this change does not require a change in Contract time or amount. A Field Order will be issued.
- Submit a Price/Credit Proposal with detailed cost breakdown of labor, materials, equipment and all other costs related to this change. Impacts on Contract Time shall be shown in a revised schedule, included with the submitted proposal.
- Proceed with the change. Payment will be made at the unit price bid.
- Proceed with the change under the time and materials provisions of the Contract.

Authorization to proceed with changes must be approved by the Owner through Change Order in accordance with the Contract Documents.

By: *James C. Murphy* Date: November 27, 2018

CONTRACTOR'S RESPONSE:
 We respond to your request as follows:

- We propose that this is a no cost or time change. Issue Field Order.
- We submit the attached Price/Credit Proposal with detailed cost breakdown and revised schedule for performing the described change.
- We are proceeding with the change at the unit price bid.
- We are proceeding with the change under the time and materials provisions of the Contract.

By: *[Signature]* Date: 4-15-19

ACTION TAKEN:

- Proposed Contract Modification rejected. See comments.
- Field Order will be issued.
- Change Order will be issued.

By: _____ Date: _____

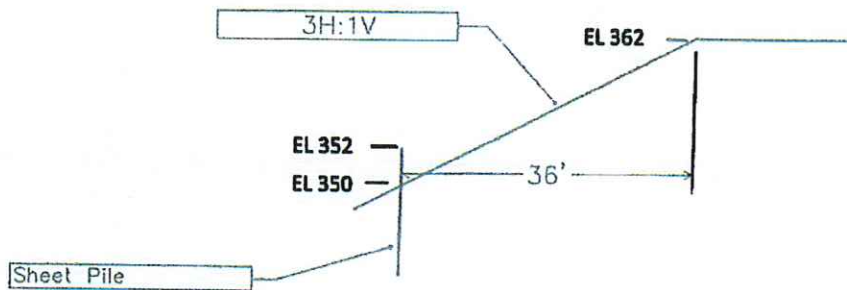
**PROPOSED CONTRACT MODIFICATION
ATTACHMENT A**

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.

Repair the failed area on the upstream slope of the South embankment toward the left end of the embankment section.

The total length of this area is approximately 200 feet.

Install approximately 20-foot long sheet piles along the length of the failed area. The top of the sheet piles shall be set at approximate elevation 352 feet. Place sheet piles approximately 36 feet from the edge of the crest as shown below.



Place compacted fill to stabilize the crest road.



By: Janus C. Murphy

Date: November 27, 2018