



October 28, 2021

Mike Reso
City Project Manager
City of Diamondhead Public Works
5000 Diamondhead Circle
Diamondhead, Ms
Ph: 228-222-4626 Fax: 228-222-4390
Sent via Email to: mreso@diamondhead.ms.gov

Re: NRCS Channel Stabilization at Diamondhead @ Alkii Way - Change Order 3
Pickering Firm, Inc. Project No. 25748.00

Mr. Reso,

Site visits and discussions were held on Tuesday, September 26, 2021 to address multiple issues concerning quantity changes and bank stabilization along the length of the concrete paved ditch.

The attached spreadsheet details the base bid, projected quantities to complete the project, and any difference in quantities and cost including this change order.

- 21-1 Common Excavation removed from the site (lvm) increased by 314 cubic yards from 100cy to 414cy.
- 23-1 Earthfill (off-site) decreased from 180cy to 98cy saving \$1,968.00.
- CO1 Limestone, Item CO1 that was added to the project by the first change order overran by 78tons and cost the project \$4,924.71. Items mentioned above add \$12,376.71 to the project total.

The extension of the existing riprap lined channel 15' to bypass the trunk and root system along the west bank of the concrete paved ditch being constructed behind 573 Alkii Way in Diamondhead. This method was chosen to complete the transition between the newly paved concrete lined ditch and the existing riprap without compromising the fence lining the perimeter of the back yard or the newly paved concrete lined ditch. It was estimated to require 30 square yards of 300lb riprap and 4cy of grout and will cost approximately \$4,770.00.

Last, the addition of three concrete flumes to the east side of the concrete ditch would benefit the bank stabilization and assist in directing flow. The addition of this item will cost \$1,500.00

Recipient Name
Subject
Date
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Please find a copy of the change order document requesting: 3ea. Concrete Flumes, extension of the existing Grouted Riprap for stability, and other project overruns for the amount of \$18,646.71. A time extension of 15 calendar days is also requested. Pickering recommends approval of Change Order No. 3 to ERS, Inc. for additional monetary amount of \$18,646.71 with an extension to the contract time of 15 additional calendar days. The contract amount remains at \$382,971.71 and substantial completion date of November 18, 2021.

We are available should you have any questions regarding this matter or if we can be of any assistance.

Sincerely,
PICKERING FIRM, INC.



Koby Coulon, PE
Civil Engineer

Date of Issuance: <u>10/28/2021</u>	Effective Date: <u>Date of full Execution below</u>
Owner: <u>City of Diamondhead</u>	Owner's Contract No.: _____
Contractor: <u>ERS, Inc</u>	Contractor's Project No.: _____
Engineer: <u>Pickering Firm, Inc.</u>	Engineer's Project No.: <u>25748.00</u>
Project: <u>Channel Stabilization at Diamondhead Drive @ Alkii Way</u>	Contract Name: _____

The Contract is modified as follows upon execution of this Change Order:

Description: Addition of 15 calendar days to contract time, project overruns, extension of existing grouted riprap bank for stabilization.

Attachments: Cost breakdown, Letter from ERS, Inc.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES
Original Contract Price: <u>\$ 342,905.00</u>	Original Contract Times: Substantial Completion: <u>August 15, 2021</u> Ready for Final Payment: _____
Increase from previously approved Change Orders No. ___ to No. ___: <u>\$21,420.00</u>	Increase from previously approved Change Orders No. <u>1</u> to No. <u>1</u> : Substantial Completion: <u>September 4, 2021</u> Ready for Final Payment: _____
Contract Price prior to this Change Order: <u>\$ 364,325.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>November 3, 2021</u> Ready for Final Payment: _____
Increase of this Change Order: <u>\$ 18,646.71</u>	Increase of this Change Order: Substantial Completion: <u>15 calendar days</u> Ready for Final Payment: _____
Contract Price incorporating this Change Order: <u>\$ 382,971.71</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>November 18, 2021</u> Ready for Final Payment: _____

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: <u></u> By: _____	By: _____	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: <u>Civil Engineer</u>	Title: _____	Title: _____
Date: <u>10/28/2021</u>	Date: _____	Date: _____

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____

ERS, Inc. : 1635 Lelia Drive, Suite 202 Joackson, MS 39216 COR No. 09317-MC						PROJECTED		DIFFERENCE	
BASE BID									
Item No.	Description	Unit	Qty	Unit Price	Extension	Qty	Extension	Qty	Extension
4-1	CHANNEL CLEARING & SHAPING	LF	780	\$ 62.00	\$ 48,360.00	780	\$ 48,360.00	-	\$ -
5-1	POLLUTION CONTROL	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00	-	\$ -
6-1	SEEDING, SPRIGGING, & MULCHING	AC	0.19	\$ 2,000.00	\$ 380.00	0.19	\$ 380.00	-	\$ -
6-2	EROSION CONTROL BLANKET	SY	920	\$ 6.00	\$ 5,520.00	920	\$ 5,520.00	-	\$ -
7-1	CONSTRUCTION SURVEY	LS	1	\$ 3,000.00	\$ 3,000.00	1	\$ 3,000.00	-	\$ -
8-1	MOBILIZATION AND DEMOBILIZATION	LS	1	\$ 13,000.00	\$ 13,000.00	1	\$ 13,000.00	-	\$ -
11-1	REMOVAL OF WATER	LS	1	\$ 10,000.00	\$ 10,000.00	1	\$ 10,000.00	-	\$ -
21-1	COMMON EXCAVATION (REMOVED FROM SITE) (LVM)	CY	100	\$ 30.00	\$ 3,000.00	414	\$ 12,420.00	314	\$ 9,420.00
21-2	UNCLASSIFIED EXCAVATION (PM)	CY	825	\$ 22.00	\$ 18,150.00	825	\$ 18,150.00	-	\$ -
23-1	EARTHFILL (OFF-SITE) (LVM)	CY	180	\$ 24.00	\$ 4,320.00	98	\$ 2,352.00	(82)	\$ (1,968.00)
66-1	CONCRETE PAVED DITCH (PM)	CY	290	\$ 755.00	\$ 218,950.00	290	\$ 218,950.00	-	\$ -
66-2	LOOSE ROCK RIP RAP, 300 LB	SY	115	\$ 115.00	\$ 13,225.00	115	\$ 13,225.00	-	\$ -
CO1	limestone	TON	340	\$ 63.00	\$ 21,420.00	418	\$ 26,344.71	78	\$ 4,924.71
CO3.1	individual flumes	ea		\$ 500.00		3	\$ 1,500.00	3	\$ 1,500.00
CO3.2	additional riprap (15'x23' Area)	SY		\$ 115.00		30	\$ 3,450.00	30	\$ 3,450.00
CO3.3	grout	CY		\$ 440.00		3	\$ 1,320.00	3	\$ 1,320.00
TOTAL - BASE BID				\$ 364,325.00		\$ 382,971.71		\$ 18,646.71	