

COUNTY OF LAKE
Department of Public Works
255 North Forbes Street
Lakeport, CA 95453

CHANGE ORDER NO: 3

DATE: February 21, 2020

BID NO.: 19-01

PROJECT: FEMA FMAG Culvert Replacement No. 1 & No. 2
Federal Project No.'s: FMAG DR 5093-1-1R & FMAG DR 5112-1-1R

CONTRACTOR: Coleman Environmental Engineering, Inc.
P. O. Box 1020 / 85 E. Hwy 20
Upper Lake, CA 95485

Note: These changes in no way relieve the Contractor of completing work in accordance with standards established by the Standard Specifications and Special Provisions.

ITEM NO.	DESCRIPTION	TIME EXTENSION	VALUE
1	Increase Bid Item 37, "Culvert Slurry-Cement Backfill" by 5.05 CY @ \$230.00/CY at Site 10	0	\$1,161.50
2	Increase Bid Item 44, "Structure Excavation (Culvert) by 5.05 CY @ \$46.75/CY at Site 10	0	\$236.09
3	Force Account work for installation of (2) two concrete headwalls at Site 10	0	\$1,143.35
		0	\$2,540.94

REQUESTED BY: Owner

REASONS: 1. Large boulders were encountered at Site 10 - Castlewood Road during excavation and installation of the new pipe and headwalls causing an increase in structure excavation and slurry-cement backfill.
2. Extra work was ordered to chisel down the existing boulders to install the concrete headwalls. See attached Field Order No. 3 for details.

The contractor shall accept the increase of \$2,540.94 to the contract for addition work required at Site 10 to install and backfill the new culvert and headwalls.

This sum constitutes full and complete compensation for providing all labor, materials, equipment, tools, disposal cost and incidentals including all markups by reason of this change.

ORIGINAL CONTRACT WORKING DAYS:	90	Days
TIME EXTENSION ON PREVIOUS CHANGE ORDER(S):	1	Days
TIME EXTENSION FOR THIS CHANGE ORDER:	0	Days
REVISED CONTRACT WORKING DAYS:	91	Days

ORIGINAL CONTRACT AMOUNT:	\$649,497.50
AMOUNT PREVIOUS CHANGE ORDERS: (Additions)	6,750.00
AMOUNT PREVIOUS CHANGE ORDERS: (Deletions)	-10,947.17
AMOUNT THIS CHANGE ORDER:	2,540.94
REVISED CONTRACT AMOUNT:	\$647,841.27

ACCEPTED: CONTRACTOR

By:



Lee Weisenberg, Gen. Mgr.
Name and Title

03/04/2020
Date

RECOMMENDED:

By:


Department of Public Works

Scott De Leon, Director
Name and Title

3/5/20
Date

APPROVED: OWNER

By:

Board of Supervisors

Mokey Simon, Chair
Name and Title

Date

COUNTY OF LAKE
DEPARTMENT OF PUBLIC WORKS

FIELD ORDER

Field Order No.: 3

Project Title: FEMA FMAG Culvert Replacement No. 1 & No. 2

Bid No.: 19-01

Federal Project No.: FMAG DR 5093-1-1R & FMAG DR 5112-1-1R

Contract Date: 8/8/2019

Prime Contractor: Coleman Environmental Engineering, Inc.


You are hereby authorized and instructed to effect the following modifications of the contract for the foregoing named project:	
January 15, 2019	
Site 10 - Castlewood Road	
A. During excavation and removal of the existing culvert several large boulders, 4'-5' in diameter, were encountered and need to be removed to be able to install the new culvert at design grade. The removal of these boulders will increased the excavated area by an estimated amount of 6 cubic yards over the original Engineers estimate.	
With a winter storm system forecast for tomorrow it is important to backfill the excavation today to prevent any roadway damage.	
Because of the time savings backfill the excavated area with slurry-cement backfill. Estimated quantity = 6 cubic yards.	
1. Increase Bid Item 37, "Culvert Slurry-Cement Backfill" by 6 CY @ \$230.00/ CY = \$1,380.	
2. Increase Bid Item 44, "Structure Excavation (Culvert)" by 6 CY @ \$46.75/CY = \$280.50	
Subtotal of Bid Item increase = \$1,660.50	
B. Large diameter boulders were also encountered while excavating to install the (2) two concrete headwalls.	
Fully removing them would cause significant damage to the existing roadway and increase excavation and backfill quantities.	
It is estimated that it will take (3) three hours of labor and equipment. This will be paid as extra work at force account.	
1. Estimated labor & equipment = \$1,200.00.	
The maximum amount for this change = \$2,860.50	
TIME ADJUSTMENT	
No time adjustment for this change.	
Maximum Cost:	<u>\$2,860.50</u>
or Minimum Credit:	<u></u>

This form shall be used only for the issuance of emergency instructions to the Contractor where the time required for preparation and execution of a formal Change Order would result in delay or stoppage of the work, or would allow a hazardous condition to exist. A duly authorized Change Order shall replace this Field Order as soon as possible and shall bear appropriate reference in this Field Order.

Distribution: 1. Contractor
2. File
3. Owner

1/15/2020
Date

1/15/2020
Date


Steve Phillips, Construction Project Manager
Resident Project Representative

Contractor's Authorized Representative

EXTRA WORK BILL

DATE PERFORMED	DATE OF REPORT
1/15/2020	1/31/2020

CONTRACT NO.	CCO NO.	REPORT NO.
5093-1-1-R	3	1

WORK PERFORMED BY	PROJECT NAME
Coleman Environmental Engineering, Inc.	FEMA FMAG Culvert Replacement #1 and #2

DESCRIPTION OF WORK	BID NO.
Extra Work at Site 10 (Castlewood Rd) - Hammer large boulders in order to install headwalls.	19-01

Equipment

Class/Make/Code	Equip. ID	Desc.	Reg. Hrs.	Rate	OT Hrs.	Rate	Subtotal
HCECL/BCAT/442	442	Mini Excavator	2	\$ 47.92	0	\$ -	\$ 95.84
HAMMR/NPK795	162DI	Hammer Attach.	2	\$ 16.53	0	\$ -	\$ 33.06
T&T/3175/06-12		3/4 Ton PU	2	\$ 29.60	0	\$ -	\$ 59.20
Equipment Subtotal							\$ 186.10

Materials/Special Work/Lump Sum or Unit Price Payment

Invoice #	Description	Units	Unit Cost	Subtotal
			\$ -	\$ -
			\$ -	\$ -
			\$ -	\$ -
Materials Subtotal				\$ -

Labor

Craft ID	Last Name	Reg. Hrs.	Rate	OT Hrs.	Rate	Surcharge	Subtotal
OEHW (AREA 1, GROUP 3)	Elliott	0	\$ 77.14	2	\$ 100.15	10%	\$ 220.33
LBR (AREA 2, GROUP 3)	Dalton	0	\$ 55.39	2	\$ 70.66	10%	\$ 155.45
LBR (AREA 2, GROUP 3)	Meyers	0	\$ 55.39	2	\$ 70.66	10%	\$ 155.45
LBR (AREA 2, GROUP 3)	Carillo	0	\$ 55.39	2	\$ 70.66	10%	\$ 155.45
Labor Subtotal							\$ 686.69

Subtotal Equipment & Materials	\$ 186.10
Subtotal Labor	\$ 686.69
15% Equipment & Materials Markup	\$ 28.22
35% Labor Markup	\$ 240.34
Total	\$ 1,143.35

Notes: Labor Surcharge and Equipment Rental Rates of the Dept. of Transportation include the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs, maintenance, depreciation, storage, insurance and all other incidentals.

IN CASE OF QUESTION:	
Signature (Resident Engineer)	NAME: Lee Weisenberg
Signature (Prime Contractor's Representative)	BUSINESS PHONE: 510-435-8306

**County of Lake
Department of Public Works**

CCO #3 Force Account Analysis

Bid No. 19-01

Contractor: Coleman Environmental Engineering

Project Name: FMAG Culverts - Site 10

Perform Date: January 15, 2020

For work performed: Extra Work Site 10 - Castlewood Road
Chisel large boulders to install headwalls

Equipment

Code	Equip. #	Description	Regular Hours	Rate	OT Hours	Rate	Subtotal
HCECL-442	442	Mini Excavator	2	47.92			95.84
HAMMR - NPK 4XE	162D1	Hammer for excavator	2	16.53			33.06
TRUCK T&TT 06-12		1/2 Ton PU	2	29.60			59.20
							0.00
							0.00
Equipment Subtotal							\$188.10

Materials/Special Work/Lump Sum or Unit Price Payment

Invoice #	Description	Units	Unit Cost	Subtotal
				0.00
				0.00
				0.00
Materials Subtotal				\$0.00

Labor

Description	Regular Hours	Rate	Overtime Hours	Rate	Surcharge	Subtotal
Operator (GRP 3)		77.14	2	100.15	10%	220.33
Laborer (GRP 3)		55.39	2	70.66	10%	155.45
Laborer (GRP 3)		55.39	2	70.66	10%	155.45
Laborer (GRP 3)		55.39	2	70.66	10%	155.45
Labor Subtotal						\$686.69

Subtotal Equipment & Materials	\$188.10
Subtotal Labor	\$686.69
15% Equipment & Materials Markup	\$28.22
35% Labor Markup	\$240.34
Total	\$1,143.35

Notes:

- Labor Surcharge and Equipment Rental Rates of the Dept. of Transportation include the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs, maintenance, depreciation, storage, insurance and all other incidentals.