

**Contract Change Order**

Change Requested by: Engineer  Contractor

CCO No.	Suppl. No.	Contract No.	Contract Name	Federal Number(s)
2		2719; CIP Nos. 78700, 78701, 78712	Cosumnes Mine Road & Bridge Storm Damage Repairs	FEMA ELELC04, ELELC05 & ELELC06

To **GRANITE CONSTRUCTION COMPANY**

*Contractor*

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract.

**NOTE: This change order must be approved by the Board of Supervisors. [X] Yes [ ] No**

Description of work to be done, estimate of quantities and prices to be paid. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the Bid Item List.

Increase wall height by 3 feet to match actual existing abutment height; increase footing thickness by 6 inches to account for settlement due to actual subgrade conditions. Adjust excavation, backfill and rock slope protection quantities for revised dimensions.

Increase in Bid Item at Bid Item Price:

Item No. 34, Roadway Excavation  
 83 CY (10.9%) @ \$40.00/CY = \$3,320.00 (+10.9%)

Item No. 35, Structure Excavation (Type D)  
 86 CY (36.3%) @ \$150.00/CY = \$12,900.00 (+36.3%)

Item No. 36, Structure Backfill (Retaining Wall)  
 62 CY (16.3%) @ \$300.00/CY = \$18,600.00 (+16.3%)

Item No. 39, Structural Concrete (Bridge)  
 4 CY (40%) @ \$3,500.00/CY = \$14,000.00 (+40%)

Item No. 40, Structural Concrete (Retaining Wall)  
 31 CY (25.4%) @ \$2,000.00/CY = \$62,000.00 (+25.4%)

Total Increase = \$110,820.00

There shall be no adjustment of the contract unit price of Items #34, #35, #36, #39, and #40 in accordance with Section 9-1.06B, "Increases of More Than 25 Percent," of the Standard Specifications.

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Extra Work at Force Account:

In accordance with Section 4-1.05, "Changes and Extra Work," of the Standard Specifications perform the following work:

- Overtime work on critical path activities as directed by the Engineer. The tentative schedule for overtime work is as follows:
  - Monday through Thursday, 10 hours per shift (4 shifts x 2 OT hours/shift = 8 OT hours)
  - Friday, 10 hours per shift (10 OT hours)
  - Total work week hours = 50
  - Total overtime hours/person/week = 18
  - Overtime for Saturday work may be authorized by the Engineer on a case-by-case basis
- Stabilize the footing subgrade by over-excavating the subgrade material to a depth of approximately 18 to 30 inches and placing 3/4" crushed rock as directed by the Engineer. Ensure the footing subgrade is dewatered sufficiently in order to form and pour structural concrete.
- Construct a gabion keyway along the face of the Abutment 2 footing for a length of 36 feet. The gabion dimensions shall be 3'x3'x12' and be placed approximately 3 feet below bottom of footing elevation or as determined in the field by the Engineer. Maintain a minimum clearance of 4 feet between footing and keyway excavation. The work shall be performed in accordance with Section 72-16, "Gabions," of the Standard Specifications, and as directed by the Engineer.

Compensation shall be in accordance with Section 9-1.04, "Force Account," of the Standard Specifications.

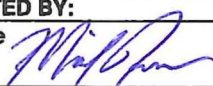
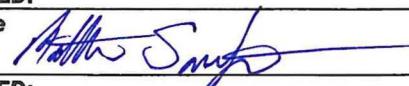


Estimate of Extra Work = \$72,000.00

Time Adjustment:


Consideration of a time adjustment shall be deferred until completion of the work specified in this Change Order. Determination of time adjustment will be made in accordance with Section 8-1.07, "Delays," of the Standard Specifications.

Estimated Cost: Decrease  Increase  \$ 182,820.00

**For this order the time of completion will be adjusted as follows: DEFERRED.**

SUBMITTED BY:		
Signature 	(Print name & title) Michael Fromm, P.E., Resident Engineer	Date 10/26/18
APPROVED:		
Signature 	(Print name & title) Matthew Smeltzer, P.E., Deputy Director, Engineering	Date 10/26/18
APPROVED:		
Signature 	(Print name & title) Rafael Martinez, Director Department of Transportation	Date 10/29/18
APPROVED:		
Signature 	(Print name & title) Michael Ranalli, Chair Board of Supervisors	Date 11/13/2018

We the undersigned contractor, have given careful consideration to the change proposed and agree, to provide equipment, furnish materials, and perform the work specified above, and will accept as full payment the prices shown above. **NOTE: If you, the Contractor, do not sign this order, you are directed to proceed with the ordered work. You may file a Request for Information within the time specified.**

CONTRACTOR ACCEPTANCE BY:		
Signature 	(Print name & title) Scott Hennessy	Date 10-25-18