

Date
04/14/2017

CHANGE ORDER MEMORANDUM

TO: COUNTY OF LAKE			FILE: COUNTY CONTRACT NO. <u>16-03</u>	
FROM: Rick Gifford, R.E., QUINCY ENGINEERING			COUNTY PROJECT NAME <u>Foard Road at Anderson Creek Bridge Replacement</u>	
			FEDERAL PROJECT NO. <u>BRLO-5914(068)</u>	
CCO NO. <u>2</u>	SUPPLEMENT NO.	CATEGORY CODE	CONTINGENCY BALANCE (Including this change): \$ <u>59,529.21</u>	
CHANGE ORDER AMOUNT \$ <u>12,063.79</u> <u>X</u> INCREASE <u> </u> DECREASE			COUNTY BOARD OF SUPERVISORS APPROVAL REQUIRED? YES <u>X</u> NO <u> </u>	
SUPPLEMENTAL FUNDS PROVIDED \$ <u>0</u>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS YES <u>X</u> NO <u> </u>	
ORIGINAL CONTRACT TIME: <u>90</u> DAY(S)	TIME ADJUSTMENT THIS CHANGE: <u>3</u> DAY(S)	PREVIOUSLY APPROVED TIME ADJUSTMENTS: <u>0</u> DAY(S)	PERCENTAGE TIME ADJUSTED (Including this change) <u>3.33</u> %	TOTAL # OF UNRECONCILED DEFERRED TIME (Including this change) <u>0</u>

COMPREHENSIVE DESCRIPTION, JUSTIFICATION, AND COST SUMMARY

This Change Order provides for:

CCO Item 1) Modification of Driveways B & C on contract plan Sheet No. 3 - Layout L-1, Sheet No. 6 - Construction Details C-1 and Sheet No. 16 - Sign Plan S-1. Extra Work at Contract Unit Price and Force Account.

CCO Item 2) Installation of end cap on Midwest Guardrail System. Extra Work at Force Account.

CCO Item 3) Adjust Contract Items at Contract Price.

CCO Item #1

For driveway B - During reconstruction of Foard Road to the new bridge, the property owner on the northeast side of the bridge became concerned that she was losing part of the existing parking area in front of her house. She stated that she did not fully understand the impacts on the parking area in front of her property when she negotiated the right of way acquisition. The property owner was concerned about the perceived loss of parking and contacted the County. The County and the Resident Engineer met with the property owner to discuss her concerns. It was agreed to modify the parking area in front of her house and add a delineator to protect the new guardrail.

The Contractor agreed to do this additional work at contract unit prices and agreed unit price.

Increased unit items included:

Bid Item #23 - Roadway Excavation by 4.7 cy at \$92.00/cy = \$ 432.40.

Bid Item #30 - Class 2 Aggregate Base by 4.7 cy at \$100.00/cy = \$470.00

Bid Item #31 - Hot Mix Asphalt (Type A) by 9.26 tons at \$350.00/ton = \$3,241.00

Agreed Unit Price: Class 1 Flexible Post - Delineator - Type G at 1 each = \$95.00

Total cost increase of \$4,238.40

For Driveway C - After Driveway C was paved, per the contract plans, the property owner of the lot served by Driveway C contacted the County and stated that she did not fully understand the impacts on her property when she negotiated the right of way acquisition. The property owner wanted the driveway pavement removed. The County, the Design Firm, and the Right of Way Firm discussed the driveway with her, and reached an agreement to remove a portion of the driveway and to remove the guardrail from her property as shown on the revised plans.

The Contractor agreed to do the demolition at Extra Work at Force Account because of the small quantities involved and non-item work.

The cost for Force Account work is \$4,069.98 (see attached).

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CCO Item #2:

Extra work at force account: During layout of the MGS system it was discovered that the buried post end anchor location is in conflict with a rock outcropping. This issue was brought to the Designers attention. It was decided to modify the MGS by installing an end cap. The Contractor is directed to furnish and install an MGS end cap per 2015 Caltrans Standard Plans A77M1 "End Cap". This is not a bid item and there is no similar work to be performed, so this work is to be performed at Force Account.

The cost for this Force Account work is \$234.41 (see attached).

CCO Item #3:

Bid Item # 14 Water Quality Sampling and Analysis Day: ($\Delta = 200\%$)

Engineers Estimate

2 EA @ \$503.00/ EA = \$1,006.00

Actual

6 EA @ \$503.00/ EA = \$3018.00

Difference

4 EA @ \$503.00/ EA = \$2,012.00

Finding

Quantity overrun greater than 25%, however, value of item difference under \$5,000.00.

Therefore, no adjustment to unit price required.

Bid Item # 15 Water Quality Monitoring Report: ($\Delta = 300\%$)

Engineers Estimate

1 EA @ \$503.00/ EA = \$503.00

Actual

4 EA @ \$503.00/ EA = \$2,012.00

Difference



3 EA @ \$503.00/ EA = \$1,509.00

Finding

Quantity overrun greater than 25%, however, value of item difference under \$5,000.00.

Therefore, no adjustment to unit price required.

Total cost for adjust contract items is \$3,521.00.

Concurred By		ESTIMATE OF COST		
DESIGN ENGINEER	DATE:	THIS REQUEST		TO DATE
 Reimond Garcia Quincy Engineering	4/24/17	ITEMS	\$7,664.40	\$11,689.40
		FORCE ACCOUNT	\$4,304.39	\$4,304.39
		AGREED PRICE	\$95.00	\$95.00
PROJECT MANAGER	DATE:	ADJUSTMENT	\$0.00	\$0.00
Fred Pezeshk Lake County		TOTAL	\$12,063.79	\$16,088.79
		FEDERAL PARTICIPATION		
Resident Engineer Signature	DATE:	<input checked="" type="checkbox"/> PARTICIPATING	<input type="checkbox"/> PARTICIPATING IN PART	<input type="checkbox"/> NONE
 Richard H. Gifford III Quincy Engineering	4/24/17	<input type="checkbox"/> NON-PARTICIPATING (Maintenance)	<input type="checkbox"/> NON-PARTICIPATING	