



COUNTY OF HUMBOLDT

AGENDA ITEM NO.

C24

For the meeting of: October 17, 2017

Date: September 27, 2017

To: Board of Supervisors

From: *TM* Thomas K. Mattson, Director of Public Works

Subject: Earthquake Damage Repairs to Mattole Road (3C010) at P.M. 43.17; Project Number: Emergency Relief (ER) 4820(004); Contract Number: 210207

RECOMMENDATIONS:

That the Board of Supervisors:

1. Ratify the Director of Public Works to sign Contract Change Order Number 3 for the total amount of \$2,182.05.
2. Ratify the Director of Public Works to sign Contract Change Order Number 4 for the total amount of \$7,785.00.
3. Accept the completed contract, including all change orders approved by the Public Works Department, between GR Wilcox Enterprises, Inc., and Humboldt County for Earthquake Damage Repairs to Mattole Road (3C010) at P.M. 43.17.
4. Approve the final claim for payment, as submitted by the Public Works Department to the Auditor/Controller, in the amount of \$10,232.05, which will bring the total amount paid to 100% of the contract.

Prepared by A. Sorensen, Associate Civil Engineer *AS*

CAO Approval *Karen Clower*

REVIEW: Auditor *KPD*

County Counsel _____ Human Resources _____ Other _____

TYPE OF ITEM:

Consent

Departmental

Public Hearing

Other _____

BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT
Upon motion of Supervisor *Wilson* Seconded by Supervisor *Sundberg*

Ayes *Wilson, Sundberg, Bass, John, Fennell*
Nays
Abstain
Absent

PREVIOUS ACTION/REFERRAL:

Board Order No. C-15 / C-13

Meeting of: March 14, 2017 / May 16, 2017

and carried by those members present, the Board hereby approves the recommended action contained in this Board report.

Dated: 10/17/17

By: *[Signature]*
Kathy Hayes, Clerk of the Board

SOURCE OF FUNDING:

Road Fund; Federal Highway Administration (FHWA) Emergency Relief (ER) Program

DISCUSSION:

This project reconstructed Mattole Road (3C010) at post mile 43.17, a portion of the road that sustained moderate damage during the magnitude 6.5 earthquake on January 9, 2010. The earthquake created a slip-out at this location that removed the shoulder and approximately four and a half (4.5) feet of the existing northbound lane for a distance of twenty-five (25) feet. The county placed barricades, signs, and traffic control devices to reduce the roadway to a single lane and divert traffic away from hazardous conditions until permanent repairs could be made. The permanent repair consisted of cutting into the hillside to create a roadway with the same width as existed prior to the earthquake. The work included temporary detours, clearing and grubbing, excavation, erosion control measures, installing guardrail along the length of the slipout, and restoring the roadway with aggregate base and hot mix asphalt.

On March 14, 2017, the Board of Supervisors authorized the Clerk of the Board to advertise the above-referenced project for bids. On April 25, 2017, the county received four (4) bids for the project. The project was awarded to GR Wilcox Enterprises, Inc., the lowest responsible bidder, on May 16, 2017. The award amount was \$262,998, and change orders through project completion amounted to an increase of \$23,147.50.

FINANCIAL IMPACT:

Total construction costs for this project were \$286,145.50. This project is being funded through the Federal Highway Administration, Emergency Relief Program, which will provide 88.53% of the funds for the project. The Road Fund will cover the remaining 11.47% of project costs. This project did not affect the General Fund.

This project conforms to the Board of Supervisors' Core Role of providing for and maintaining infrastructure as identified in the Board's Strategic Framework.

OTHER AGENCY INVOLVEMENT:

California Department of Transportation

ALTERNATIVES TO STAFF RECOMMENDATIONS:

None recommended. The project has been completed, and the requested Board action is needed to accept the project.

ATTACHMENTS:

Contract Change Order Number 3
Contract Change Order Number 4
Final Estimate Acceptance Statement

You can save data typed into this form for later editing, unless you click on the Lock Data on Form Button.

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

CHANGE ORDER

CEM-4900 (REV 05/2015)

Sheet 1 of 2

Change Requested by: Engineer Contractor

CHANGE ORDER NO. 03	SUPPL NUMBER	CONTRACT NUMBER 210207	CO-RTE-PM Hum-MattoleRd-43.17	FEDERAL NUMBER(S) ER-4820(004)
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TO
GR Wilcox

, 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 is not effective until approved by the engineer.**

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.

Removal of potential hazard trees at daylight of cut slope. Contractor removed 6 Alder Trees total. Hours, personnel, and equipment have been agreed upon with Contractor, see extra work bill #1.

Labor:	Rate	Hours	Pay
Jed Beatty	\$50.24	2.5	\$125.60
Tina Wilcox	\$50.24	2.5	\$125.60
Gary Wilcox	\$60.00	2.5	\$150.00
Ray Wilcox	\$60.00	2.5	\$150.00
P. Scott Walker	\$56.97	2.5	\$142.43
Genairo Gray	\$74.04	2.5	\$185.10
Sherry Saler	\$50.24	2.5	\$125.60
Total:			\$1,004.33
11% Labor Surcharge Rate:			\$110.48
			\$1,114.81
35% Labor Markup:			\$390.18
Labor Total:			\$1,504.99

Equipment	Rate	Hours	Pay
Excavator 325	\$120.10	2.5	\$300.25
10Whl Dump	\$57.70	2.5	\$144.25
10Whl Dump	\$57.70	2.5	\$144.25
Total:			\$588.75
15% Equipment Markup:			\$88.31
Equipment Total:			\$677.06

Labor Total + Equipment Total = \$2,182.05

Estimated Cost: Increase Decrease \$2,182.05

For this order, the time of completion will be adjusted as follows: 0 Days

SUBMITTED BY

SIGNATURE: *Cody Long* (PRINT NAME AND TITLE): Cody Long Assistant RE DATE: 9/11/2017

APPROVAL RECOMMENDED BY

SIGNATURE: *Angi Sorenson* (PRINT NAME AND TITLE): Angi Sorenson, Associate Civil Engr. DATE: 9/12/2017

ENGINEER APPROVAL BY

SIGNATURE: (PRINT NAME AND TITLE): Tom Mattson, Public Works Director DATE:

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 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: *Gary Wilcox* (PRINT NAME AND TITLE): GARY WILCOX DATE: 9-11-17

ADA Notice

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CONTRACT CHANGE ORDER NUMBER	4	SUPPL. NO.
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DATE PREPARED BY RESIDENT ENGINEER: 9/1/17

PROJECT NAME: EARTHQUAKE DAMAGE REPAIRS TO MATTOLE ROAD (3C010) AT P.M. 43-17

PROJECT NO. ER 4820 (004) CONTRACT NO. 210207

TO: GR WILCOX ENTERPRISES, INC.

YOU ARE HEREBY DIRECTED TO MAKE THE HEREIN DESCRIBED CHANGES FROM THE PLANS AND SPECIFICATIONS OR TO DO THE FOLLOWING DESCRIBED WORK NOT INCLUDED IN THE PLANS AND SPECIFICATIONS FOR THIS CONTRACT. NOTE THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY THE DIRECTOR OF PUBLIC WORKS

DESCRIPTION OF WORK TO BE DONE, ESTIMATE OF QUANTITIES, AND PRICES 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 ENGINEER'S ESTIMATE.

INCREASE IN CONTRACT ITEMS AT CONTRACT PRICES

ITEM NO. 11 HYDROSEED 12,500 SF	71.43%	@	\$ 0.28 / SF	\$ 3,500.00
ITEM NO. 12 CLASS 2 AGGREGATE BASE 41 CY	12.62%	@	\$ 125.00 / CY	\$ 5,125.00
ITEM NO. 13 HOT MIX ASPHALT (TYPE A, 1/2" MIX) 81 TN	31.15%	@	\$ 120.00 / TN	\$ 9,720.00
TOTAL INCREASE =				\$ 18,345.00

No adjustment to contract unit prices for the above items will be made in accordance with Section 9-1.06B, "Increases of More Than 25 Percent," of the Standard Specifications by reason of this change order.

DECREASE IN CONTRACT ITEMS AT CONTRACT PRICES

ITEM NO. 3 TEMPORARY RAILING (TYPE K) -240 LF	-100.00%	@	\$ 25.00 / LF	\$ (6,000.00)
ITEM NO. 6 TEMPORARY SILT FENCE -487 LF	-92.76%	@	\$ 6.00 / LF	\$ (2,922.00)
ITEM NO. 14 PLACE HMA DIKE (TYPE C & F) -60 LF	-230.77%	@	\$ 25.00 / LF	\$ (1,500.00)
ITEM NO. 18 THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) -40.0 LF	-2.50%	@	\$ 3.45 / LF	\$ (138.00)
TOTAL DECREASE =				\$ (10,560.00)

No adjustment to contract unit prices for the above items will be made in accordance with Section 9-1.06C, "Decreases of More Than 25 Percent," of the Standard Specifications by reason of this change order.

These changes did not affect the controlling activities; therefore, no time adjustment is granted.

ESTIMATED TOTAL INCREASE = \$ 7,785.00

BY REASON OF THIS CHANGE, THE CONTRACT TIME WILL BE INCREASED BY 0 WORKING DAYS

SUBMITTED BY:		
SIGNATURE: <i>Angi Sorenson</i>	PRINT NAME AND TITLE: ANGI SORENSON, CONSTRUCTION ENGINEER	DATE: 9/12/17

DIRECTOR APPROVAL BY:		
SIGNATURE:	PRINT NAME AND TITLE: TOM MATTSO, DIRECTOR OF PUBLIC WORKS	DATE:

WE, THE UNDERSIGNED CONTRACTOR, HAVE GIVEN CAREFUL CONSIDERATION TO THIS CHANGE PROPOSED AND AGREE, IF THIS PROPOSAL IS APPROVED, THAT WE WILL PROVIDE ALL EQUIPMENT, FURNISH ALL MATERIALS, EXCEPT AS MAY OTHERWISE BE NOTED ABOVE, AND PERFORM ALL SERVICES NECESSARY FOR THE WORK ABOVE SPECIFIED, AND WILL ACCEPT AS FULL PAYMENT, THEREFORE, THE PRICES SHOWN ABOVE. NOTE: IF YOU, THE CONTRACTOR, DO NOT SIGN ACCEPTANCE OF THIS ORDER, YOUR ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE SPECIFICATION AS TO PROCEEDING WITH THE ORDERED WORK AND FILING A WRITTEN PROTEST WITHIN THE TIME THEREIN SPECIFIED.

CONTRACTOR ACCEPTANCE BY:		
SIGNATURE: <i>Gary Wilcox</i>	PRINT NAME AND TITLE: GARY WILCOX	DATE: 9-14-17

Mattole Road (3C010) PM 43.17
Project No.: ER-4820 (004)
County project # 210207

PROPOSED FINAL ESTIMATE OF WORK DONE ON Walnut Drive and Fern Street Traffic Signal

CONTRACT ITEMS (As detailed on attachment):

ORIGINAL CONTRACT AMOUNT	\$262,998.00
TOTAL APPROVED CHANGE ORDERS	<u>\$ 23,147.50</u>
TOTAL CONTRACT	\$286,145.50

ACCEPTANCE STATEMENT

I have examined the above proposed Final Estimate and agree to accept the total of \$286,145.50 as full payment for all work performed on the above contract, except as may be indicated below.

Exceptions (Check One):

None

As indicated per attachment letter dated _____.

By 
GR Wilcox Enterprise, Inc

Title SEC

Date 9-25-17

Please return this statement to:

Business Division
County of Humboldt Public Works
1106 2nd Street
Eureka, CA 95501