



COUNTY OF HUMBOLDT

AGENDA ITEM NO.
C-19

For the meeting of: May 5, 2015

Date: April 24, 2015

To: Board of Supervisors

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

Subject: Humboldt County Courthouse Seismic Repair Project, Change Order No. 2.0, Project No. 210500, DSR (Disaster Survey Report) 2985, 2943, 2367

RECOMMENDATION:

That the Board of Supervisors:

1. Authorizes the Public Works Director to sign Change Order No. 2.0 for a \$68,151 cost increase and an additional fifty-one (51) calendar day increase in construction time.

SOURCE OF FUNDING:

California Governor's Office of Emergency Services (Cal-EMA)
Capitalization Fund 4492

DISCUSSION:

On April 8, 2014, the Board of Supervisors authorized the Humboldt County Courthouse Seismic Repair Project award to Danco Builders Northwest in the amount of \$1,631,849 and a 336 calendar day completion schedule.

The scope of construction work includes repairing shear cracks in several concrete walls, horizontal cracks at pour joints in the stairwells, cracks in interior finishes, and other seismic damage. Additionally, accessibility improvements are included to help increase accessibility to

Prepared by Jake Johnson

CAO Approval Cheryl Dillinger

REVIEW: MJM
Auditor _____ County Counsel _____ Personnel _____ Risk Manager _____ Other _____

TYPE OF ITEM:
 Consent
 Departmental
 Public Hearing
 Other _____

PREVIOUS ACTION/REFERRAL:

Board Order No. C-11

Meeting of: 4/8/2014

BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT

Upon motion of Supervisor Lovlace Seconded by Supervisor Bass

Ayes: Sundberg, Lovlace, Fennell, Bohn, Bass
Nays _____
Abstain _____
Absent _____

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

Dated: May 5, 2015
By: Kathy Hayes
Kathy Hayes, Clerk of the Board

public spaces in the Courthouse. Repairs generally utilized epoxy injection and high strength non-shrink grouting methods. Repair circumstances are described by crack size, location or both and associated costs will be determined by unit pricing based on actual lineal footage.

The actual lineal footage of cracks and areas of spalling are greater than initially estimated prior to bidding and award. The increase in cost for construction is directly related to the cost necessary for proper seismic repairs using methods described in the construction documents. It was anticipated that additional costs would be encountered during construction, which is the rationale for establishing unit pricing. Additional accessibility issues were discovered during the course of construction and required additional work to make public use areas accessible.

Change Order No. 1.0 was processed previously through the Public Works Department and consisted of additional accessibility work in and around the Courthouse site in non-seismically damaged areas. The funds for this Change Order will be provided by previously budgeted Americans with Disabilities Act (ADA) project funds. The cost of this change order was \$65,527 and it increased the contract time by seventeen (17) days for a total of three hundred and fifty-three (353) days and \$1,697,376.

Change Order No. 2.0 provides for the additional seismic crack repair work. Change Order No. 2.0 will increase the construction cost by \$68,151 and add fifty-one (51) calendar days to the construction schedule.

The scope of construction work includes repairing shear cracks in several concrete walls, spalling of concrete in a number of places, removal of work (for a credit) at locations where work has already been performed by others, additional waterproofing (including painting, flashing, and concrete treatments) of the exterior envelope of the building where additional seismic cracking was discovered. This also includes additional required accessibility upgrades in areas of the Courthouse.

Approval of Change Order No. 2.0 will result in a revised total contract sum of \$1,765,527 and a revised total of four hundred and four (404) calendar days for the construction schedule.

Change Order No. 2.0 will be reviewed by Cal-EMA, and is expected to be accepted as fair and reasonable for the work described and included in the eligible project cost prior to project close-out. It is anticipated the Cal-EMA will cover seventy-five (75) percent plus ten (10) percent of the seventy-five (75) percent of the cost of the change order. In the event that Cal-EMA does not provide matching funds, the cost of Change Order No. 2.0 can be funded through Capitalization Fund 4492 savings/reductions in other seismic projects recently completed by the county. Therefore, it is recommended that the Board of Supervisors authorize the Public Works Director to sign Change Order No. 2.0.

The anticipated adjusted overall costs for the project are \$1,765,527.

FINANCIAL IMPACT:

All expenditures related to the requested change order should be offset by expected revenues from Cal-EMA and the Capitalization Fund. It is expected that reductions in other seismic projects will offset the increased match requirement of \$11,927. It is anticipated that there are sufficient funds in the FY 2014-15 adopted budget to cover remaining project costs. There should be no impact to the General Fund.

The project conforms to the Board of Supervisors' Core Roles of providing and maintaining county infrastructure to enhance safety of county facilities.

OTHER AGENCY INVOLVEMENT:

Cal-EMA

ALTERNATIVES TO STAFF RECOMMENDATIONS:

Not proceed with undertaking additional earthquake damage repairs. This is not recommended as the earthquake damage repairs in the above-named project are necessary to provide a safe environment for both staff and the public.

ATTACHMENT:

1. Change Order No. 2.0, 1 page, dated 4/24/2015

CHANGE ORDER

OWNER'S REPRESENTATIVE - Humboldt County Public Works • 1106 Second Street • Eureka, CA 95501
Ph. (707) 445-7493 • Fax 445-7409

PROJECT: Courthouse Seismic repairs
County of Humboldt
826 4th Street
Eureka, CA 95501
Project No.210500

CHANGE ORDER NO.: 2.0

Date: 4/24/14

Original Completion Date: April 20, 2015

Current Completion Date: May 7, 2015

From:

CONTRACTOR: Danco Builders Northwest
5251 Ericson Way
Arcata, California 95521
Ph: (707) 822-9000 Fax: 822-9596

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Cc: DPW

DESCRIPTION of CHANGE:

CP No.	Description	Amount	Time
1.1r	Additional Crack Repair – Room G18/G19	\$ 5,445	15
2.0	Additional Flashing at top of damaged tile mural	\$ 1331	0
3.1	Reduced Amount of Epoxy Injection (RFI #10)	\$ (7,982)	0
6.0	Additional painting work at exterior	\$ 7,133	0
7.2	Additional waterproofing, crack & spall repair	\$ 28,918	20
9.1	Revised accessibility work in Board of Supervisor's Chambers	\$ 13,637	15
11.1	Revise work required at payphone alcove	\$ 1,610	1
12.1	Revision to glass block treatment at Ground Floor levels	\$ 4,281	0
13.0	Additional revised accessibility work in Board of Supervisor's Chambers	\$ 13,778	0
TOTAL		\$ 68,151	51

ADJUSTMENT of CONTRACT SUM

Original Contract Sum: \$ 1,631,849
 Prior Adjustments: \$ 65,527
 Contract Sum Prior to this Change: \$ 1,697,376
 Adjustment for this Change: \$ 68,151
 Revised Contract Sum: \$ 1,765,527

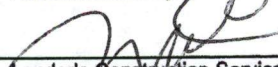
ADJUSTMENT of CONTRACT TIME

Original Contract Time: 336 (days)
 Prior Adjustments: 17 (days)
 Contract Time Prior to this Change: 353 (days)
 Adjustment for this Change: 51 (days)
 Revised Contract Time: 404 (days)
 Revised Completion Date: 6/27/15

Contractor waives any claim for further adjustments of the Contract Sum and Contract Time related to the above described change in the work.


OWNERS REPRESENTATIVE

Recommended by:


 Lender's Construction Services Date: 4/28/15

ENGINEER

Recommended by:


 Project Engineer – KPFF Consulting Engineers Date: 4/28/15

CONTRACTOR

Accepted by:


 Danco Builders Northwest Date: 4/28/15

OWNER

Approved by:

Public Works Director Date