



Contra
Costa
County

To: Board of Supervisors
From: Julia R. Bueren, Public Works Director/Chief Engineer
Date: July 12, 2016

Subject: APPROVE the contingency fund increase and Contract Change Order #7 for the Orwood Road Bridge Replacement Project, Brentwood area

RECOMMENDATION(S):

APPROVE the Orwood Road Bridge Replacement Project, County Project No. 0662-6R4076, Federal Project No. BRLO 5928 (045), District 3, contingency fund increase of \$200,000 for a new contingency fund total of \$998,444.93, and a new payment limit of \$8,982,894.28, effective July 12, 2016, and

APPROVE and AUTHORIZE the Public Works Director, or designee, to execute Contract Change Order No. 7 with Flatiron West, Inc., effective July 12, 2016, in an amount not to exceed \$422,589.51.

FISCAL IMPACT:

Project is being funded by 100% Federal Highway Bridge Replacement Funds.

BACKGROUND:

Contract Change Order No. 7 is necessary to pay the bridge contractor, Flatiron West, Inc., for additional cost incurred during the foundation work for two retaining walls. An unforeseen condition of soil heaving caused the contractor to change their method of

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **07/12/2016** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: Candace Andersen, District II
Supervisor
Mary N. Piepho, District III
Supervisor
Karen Mitchoff, District IV
Supervisor
Federal D. Glover, District V
Supervisor

ABSENT: John Gioia, District I
Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: July 12, 2016

David Twa, County Administrator and Clerk of the Board of Supervisors

By: Stacey M. Boyd, Deputy

Contact: Kevin Emigh (925)
313-2233

cc:

BACKGROUND: (CONT'D)

installation to complete the work, extending the time and effort to install the foundations.

During installation of the initial CIDH piles at Retaining Wall #2 the Contractor encountered soil heaving at the bottom of the piles. The Contractor had to drill an additional 5 feet below specified tip elevation to create a soil plug in the casing to alleviate the soil heaving. This resulted in the Contractor having to bring in longer casings and larger equipment to complete the operation. These unforeseen conditions required the Contractor to work additional shifts to complete the pile installation.

The contingency fund increase is necessary to compensate the contractor for unforeseen extra work necessary for construction of the project.

CONSEQUENCE OF NEGATIVE ACTION:

The lack of approval would prevent successful completion of this contract and prevent the contractor from being compensated for additional costs.

ATTACHMENTS

Contract Change Order No. 7