

Meeting Date: 12/16/2014

Report Type: Consent

Report ID: 2014-00923

Title: Change Order No. 3: Guy West Bridge Rehabilitation Project (K15105000)

Location: Districts 3 and 6

Recommendation: Pass a Motion: 1) authorizing the City Manager to execute Change Order No. 3 for an amount not to exceed \$26,300 with FD Thomas, Inc. for the Guy West Bridge Rehabilitation Project (K15105000); 2) ratifying previously approved Change Orders No. 1 and No. 2 under City Manager authority; and 3) resetting the City Manager's authority to issue change orders for City Agreement No. 2014-0418.

Contact: Zuhair Amawi, Associate Engineer (916) 808-7620, Nicholas Theocharides, Engineering Services Manager, Department of Public Works

Presenter: None

Department: Public Works Department

Division: Engineering Services Admin

Dept ID: 15001111

Attachments:

- 1-Description/Analysis
- 2-Background
- 3-Exhibit A (Location Map)
- 4-Exhibit B (Change Order)

City Attorney Review

Approved as to Form
Gerald Hicks
12/8/2014 9:49:37 AM

Approvals/Acknowledgements

Department Director or Designee: Jerry Way - 12/1/2014 10:27:20 AM

Description/Analysis

Issue: Approval of Change Order No. 3 with FD Thomas, Inc. in the amount of \$26,300 will cover the remaining construction costs for the Guy West Bridge Rehabilitation Project (K15105000).

Policy Considerations: The action requested is consistent with the City's General Plan for improving public safety, achieving sustainability and enhanced livability by repairing a community asset that promotes walking and biking.

Environmental Considerations:

California Environmental Quality Act (CEQA): The City adopted a Mitigated Negative Declaration (MND) in conformance with CEQA on December 3, 2013.

Sustainability Considerations: The project is consistent with the City's Sustainability Master Plan Goal of reducing dependence on private automobiles by ensuring the Guy West Bridge is properly maintained so that bicyclists and pedestrians will have use of the bridge for future generations to come.

Commission/Committee Action: None

Rationale for Recommendation: Approval of Change Order No. 3 with FD Thomas, Inc. in the amount of \$26,300 is necessary to cover the remaining cost of construction to complete the construction of the project.

Financial Considerations: The total estimated project cost for the Guy West Bridge Rehabilitation Project (K15105000) is \$3,181,576. To date, \$2,849,745 has been expended and staff anticipates an additional \$331,831 will be needed to complete the project. As of November 20, 2014, the unobligated balance is \$331,831, which is sufficient to execute Change Order No. 3 with the FD Thomas, Inc. in the amount of \$26,300 and cover remaining construction costs for the project.

There are no General Funds planned or allocated for this project.

Local Business Enterprise (LBE): The LBE participation requirement is 5%. F.D. Thomas Inc. is a certified local business enterprise and achieved 83.7% LBE participation.

Background:

The Guy West Bridge is a steel suspension bridge over the American River which was constructed in 1966 for use by pedestrians and bicyclists. In 1987, broken wires were discovered in three vertical suspender ropes. Investigation by the City concluded the broken wires were due to fatigue failure. In 1990, all the vertical suspender ropes were replaced with a similar design. It was expected that an in-kind replacement of the original design would provide a similar suspender rope service life of approximately 20 years.

In 2011, an in-depth inspection and subsequent need assessment report identified various deficiencies of the bridge and recommended repairs. In 2012, sampling and testing fractured wire samples, applying banding to the cables to prevent strand unraveling, and relocating the out of position main cable spacers were completed. The current proposed project will complete the recommended repairs which will include minor truss and deck repair, replacement of bearing pads, handrail repairs, full removal and replacement of the failing lead based paint system, and the replacement of SMUD's electrical conduits. The proposed improvements will bring the bridge to current standards and will result in a sustainable landmark structure.

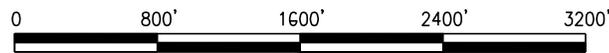
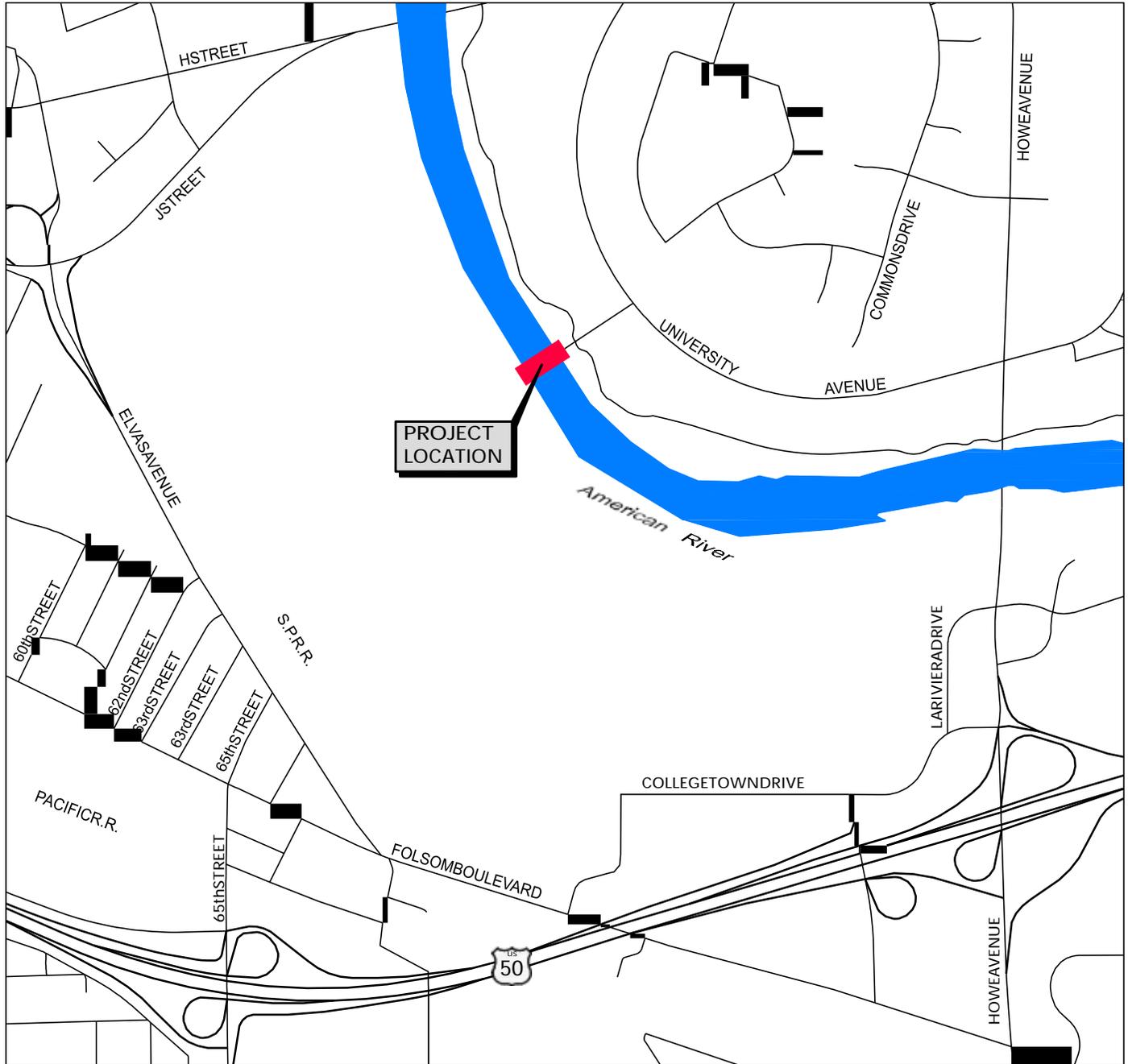
The project was advertised and bids were received on April 2, 2014. F.D. Thomas, Inc. was the lowest responsible and responsive bidder. The City Council awarded the Construction Contract in the amount not to exceed \$1,531,875 on May 20, 2014. Construction began in June 2014 and is anticipated to be completed in December 2014.

Change Order No. 1 with FD Thomas, Inc. in the amount not to exceed \$29,951 was executed on October 8, 2014 to cover extra work associated with replacing the bearing pads on the bridge, relocating a SMUD utility conduit and extending the working hours to Saturday and Sunday to expedite work and minimize inconvenience to the public.

Change Order No. 2 with FD Thomas, Inc. in the amount not to exceed \$67,317 was executed on November 24, 2014 to cover additional improvements to extend the longevity and as preventive long term maintenance measures to the bridge.

Change Order No. 3 with FD Thomas, Inc. in the amount of \$26,300 will cover additional costs associated with anchor bolt retrofit work for the bridge, SMUD conduit repairs and bridge lighting conduit repairs.

Location Map For:
**GUY WEST BRIDGE
REHABILITATION PROJECT**
(PN: K15105000)



City of Sacramento
CHANGE ORDER

Project #: K15105000
Contract #: 2014-0418
Purchase Order #:

ExtDays: 0
Change Order #: 3

Sacramento, California

TO: F.D. Thomas, Contractor

CONTRACT FOR: Guy West Bridge Painting & Rehabilitation Project

Upon Mutual acceptance of this document by the City of Sacramento, hereinafter referred to as "City", and your firm, hereinafter referred to as "Contractor", in accordance with the terms and conditions of the original contract documents, you are hereby directed to make the following changes for the consideration set forth below:

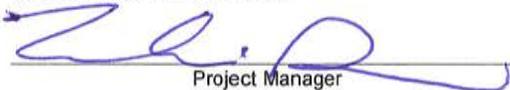
Description:

See Exhibit A

The original contract sum was	<u>\$1,531,875.07</u>
The net change by previous Change Orders was	<u>\$97,268.00</u>
The contract sum prior to this Change Order was	<u>\$1,629,143.07</u>
The contract sum will be increased by this Change Order	<u>\$26,300.00</u>
The new contract sum including all Change Orders	<u>\$1,655,443.07</u>

Contractor agrees that the amount of increase or decrease in the contract sum specified in this Change Order shall constitute full compensation for the work required by this Change Order, including but not limited to all compensation for the additional and/or revised work specified herein, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised work, including any changes disruptions or delays in work schedules or in the performance of other work by Contractor. The time for the performance of the contract is increased by 0 Working Days by reason of the performance of the work required by this Change Order. Except as herein above expressly provided, Contractor further agrees that the performance of the work specified in this Change Order or the rescheduling of other project work made necessary by this Change Order, shall not constitute a delay which will extend the timelimit for completion of the work as said term is used in the contract between the City and the Contractor for the project.

Approval Recommended by:


Project Manager

Approved by:

City of Sacramento 12/16/2014
Executed Date

Approved by:


Contractor

Attested to by:

City Clerk

Approved as to form:

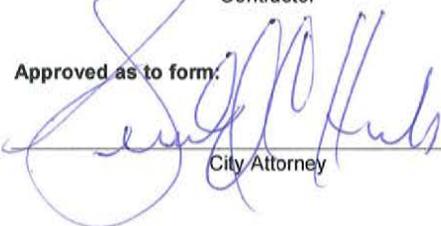

City Attorney

Exhibit A

Guy West Bridge Painting & Rehabilitation Project 2014-0418

<i>Description</i>		<i>Amount</i>
Change Order #3		
PCO # 12.0	Changes to Bid Documents	(\$12,000.00)
11/21/14	EXTRA WORK AT AGREED LUMP SUM: Cable Coating Credit The City has provided a substitute cable coating system that requires the Contractor to apply a 2 coat system rather than a 3 coat system previously specified. For this change in scope the Contractor offers a credit for not installing the 3rd coat.	
PCO # 13.0	Changes to Bid Documents	\$15,700.00
11/21/14	Anchor Bolt Retrofit - Adams & Smith Fabricate and Install Retrofit. This contract change order will not affect contract time and no adjustment in contract time is provided.	
PCO # 14.0	Changes to Bid Documents	(\$10,500.00)
11/21/14	Anchor Bolt Retrofit - Adams & Smith Credit for Not Jacking both side of the Bridge per CCO1 This contract change order will not affect contract time and no adjustment in contract time is provided.	
PCO # 15.0	Changes to Bid Documents	\$10,000.00
11/21/14	Anchor Bolt Retrofit - FD Thomas to install grout pads and repair damaged paint. This contract change order will not affect contract time and no adjustment in contract time is provided.	
PCO # 16.0	Changes to Bid Documents	\$1,600.00
11/21/14	Anchor Bolt Retrofit - Penhall to saw cut the existing joint per new specifications. This contract change order will not affect contract time and no adjustment in contract time is provided.	
PCO # 17.0	Changes to Bid Documents	\$10,650.00
11/21/14	SMUD Conduit Repair - Woody Electric to install neoprene and new hardware. This contract change order will not affect contract time and no adjustment in contract time is provided.	
PCO # 18.0	Changes to Bid Documents	\$2,000.00
11/21/14	SMUD Conduit Repair - FD Thomas to touch up paint after removing old hardware. This contract change order will not affect contract time and no adjustment in contract time is provided.	
PCO # 19.0	Changes to Bid Documents	\$4,850.00
11/21/14	SMUD Conduit Repair - FD Thomas to remove temporary SMUD conduit and protective box from bridge deck. This contract change order will not affect contract time and no adjustment in contract time is provided.	
PCO # 20.0	Changes to Bid Documents	\$4,000.00
11/21/14	PCO #9 - EXTRA WORK AT AGREED LUMP SUM: Bridge Lighting Conduit Repairs. The Contractor shall complete the bridge lighting conduit repair at the direction of the Engineer in the field and in accordance with the Special Provisions and Revised Standard Specifications.	

This contract change order will not affect contract time and no adjustment in contract time is provided.

9 **Items** **Total for Change Order # 3** **\$26,300.00**

1 Change Orders	9 Items	Total for Contract # 2014-0418	\$26,300.00
<i>Totals By Reason</i>		Changed/Unforeseen Conditions	\$0.00
		Changes to Bid Documents	\$26,300.00
		Client Initiated Changes	\$0.00