

**CONTRACT CHANGE ORDER MEMORANDUM**

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
FED. NO. No				
CCO#: 321	SUPPLEMENT#: 0	Category Code: CXXX	CONTINGENCY BALANCE (incl. this change) <b>\$82,370,881.40</b>	
COST: <b>\$600,000.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> IERBYS Building Work			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Performing architectural, electrical, mechanical, plumbing, roofing, glazing, and painting for rehabilitation construction at Interurban Electric Railway Bridge Yard Shop (IERBYS).

The Department is in the process of constructing a new maintenance facility for the San Francisco-Oakland Bay Bridge East Spans. This new facility, which will be constructed over several phases, was planned to include a storage warehouse and maintenance training facility. Construction of the warehouse will begin this year, but timing of the completion of the facility will not coincide with the completion of the major East Span construction projects including the SAS Project. Additionally, planning for the new warehouse did not anticipate the level of storage of materials, parts and engineering documentation that will actually be required for the new East Span. To address the immediate concern of the large amount of materials being primarily furnished by the SAS Project and needing proper storage the IERBYS building, an existing state-owned maintenance facility constructed in 1938, has been identified as a solution.

The IERBY's building will be used to store the unique equipment, materials, and engineering documents furnished from the East Span Project needed for use in maintaining the Structure. This equipment, materials, and engineering documents include but are not limited to such items as: additional cable bands, cable clamps, cable band bolts, cable band bolt tensioning equipment, cable S-wire wrapping equipment, replacement suspender ropes, tower replacement struts, deck joint replacement materials, design and construction documents, etc. Most of these items are specific to the SAS Structure and will be needed for proper maintenance over time and/or restoration of bridge service after a major earthquake event. Additionally, as the SAS Structure is placed into service and transferred into the maintenance inventory, this facility will also provide a venue to transfer construction knowledge and train maintenance personnel in how to maintain the new Structure.

The Toll Bridge Program Oversight Committee (TBPOC) Project Management Team (PMT) brought this issue to the February 6, 2013 TBPOC meeting for discussion and approval. The TBPOC approved the use of the IERBY's building. The TBPOC provided approval for SAS Contract Change Orders to perform the early work to relocate a portion of the maintenance personnel currently occupying the IERBY's building (CCO 296), to perform an initial geotechnical foundation investigation to determine the condition of the existing wood piling foundation (CCO 295), and to perform soft demolition to remove all the interior non-structural partitions (CCO 297).

The total approval for the early work was \$1.4 million. Since that time, not all of the funds have been required for the early work. In an effort to keep the progression of the IERBYs work moving and until such time as the TBPOC decides to approve additional funding, the TBPOC PMT (May 13, 2013 meeting) clarified this approval to extend beyond the early work to include all other IERBY's work within the approved \$1.4 million funding authorization. This change order provides for a limited dollar approval to allow the Contractor to start the work until such time that the full scope is approved by the TBPOC.

This change order will construct structural steel, metal stud framing, electrical, mechanical, plumbing, concrete demolition, concrete ramp and infill, painting, glazing, and roofing rehabilitation work on the IERBYS building. This work is only a portion of the rehabilitation work for the IERBYS building, with an estimated cost of \$600,000. A supplemental change order will include the remaining interior and exterior rehabilitation work on the IERBYS building after approval is received from TBPOC. The Contractor requested bids from five subcontractors and only received one bid proposal to perform the work.

The Department estimates an additional cost of \$600,000.00 extra work at force account for this change, which can be financed from the contingency fund. A detailed cost analysis is on file.

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No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE) and Rich Foley (HQ Oversight).

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 5/20/13		THIS REQUEST	TOTAL TO DATE
Bridge Engineer:		Date	ITEMS	\$0.00	\$0.00
Project Engineer:		Date	FORCE ACCOUNT	\$600,000.00	\$600,000.00
Project Manager:		Date	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$600,000.00	\$600,000.00
Other (specify):	HQ, Rich Foley	Date 5/20/13	<b>FEDERAL PARTICIPATION</b>		
Other (specify):		Date	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE		
District Prior Approval By:		Date	<input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
HQ (Issue Approve) By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
Resident Engineer's Signature:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
 5/20/13			FEDERAL FUNDING SOURCE	PERCENT	
			_____	_____	
			_____	_____	