

**CONTRACT CHANGE ORDER**

Change Requested by: Engineer

**CCO: 178    Suppl. No. 0    Contract No. 04 – 0120F4    Road SF-80-13.2/13.9    FED. AID LOC.:**

To: **AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENTURE**

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. This last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate.

**Extra Work at Lump Sum:**

ITEM 1.

Modify the existing bikepath belvederes, bikepath maintenance traveler, and existing maintenance traveler rail on the Skyway portion of the East Span San Francisco/Oakland Bay Bridge as shown on sheets 3 through 6 of this change order and as follows:

1. Modify portions of the existing two architectural beams at each belvedere (total of 10 beams) to allow passage of the traveler.
2. Install additional mounting bolts in the existing bikepath traveler rail. Until this step is completed, the loading of the traveler shall not exceed 90% of the rated live load.
3. Modify the existing belvedere access balcony on the two travelers.
4. Remove the existing ladders from the two travelers.
5. Remove and replace the existing decking of the two travelers with pressure treated plywood that meets or exceeds the requirements of the U.S. Product Standard PS-1-9S for APA Structural 1 AB Marine Grade. Existing rivets shall be completely removed and the plywood secured with blind rivets. Plywood panels and wooden toe boards shall be painted on all sides and edges with a commercial marine grade spar varnish. The varnish shall not contain linseed oil and shall be applied according to manufacturer's instructions. Fine silica sand shall be broadcast into the final coat of the upper surface of the decking at the rate of 1.5 kg per square meter of surface area.
6. Provide an air supply and operate both existing travelers along the full length of traveler rail to verify that there are no other obstructions.

New steel and existing unfinished steel on the traveler only shall be cleaned and painted in accordance with Special Provisions Section 10-1.69 "Clean and Paint Structural Steel" for Contract 04-0120F4.

The Contractor shall verify all controlling field dimensions before ordering or fabricating any material or performing any work that might be affected. All removed material shall become the property of the Contractor. Outer traveler rail caulking as shown on page 3 of 6 (1164S2 of 1204) is not part of this change order.

The following revised plan sheets detail the changes addressed in this change order: 1164S2, 1164S3, 1164S4, and 1164S5 (of 1204) as shown on sheets 3 through 6 of this change order.

For this work, the Contractor will receive a lump sum price of \$1,373,636.00. This sum constitutes full and complete compensation for furnishing all labor, material, tools and incidentals including all markups by reason of this change.

Extra Work at Lump Sum..... \$1,373,636.00

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**Extra Work at Force Account:**

ITEM 2.

Operate and test the bikepath traveler brakes. Move each traveler in both the unloaded and loaded conditions at maximum speed in the upgrade and downgrade directions, emergency stop the traveler, and record the stopping distance. Perform other operational testing of the traveler, as directed by the Engineer

Labor, equipment and material authorized by the Engineer, as necessary, will be paid in accordance with the provisions of Section 4-1.03D, "Extra Work" of the Standard Specifications and Section 5-1.24, "Force Account Payment" of the Special Provisions.

Estimated Cost of Extra Work at Force Account..... \$200,000.00

**CHANGE ORDER COST AND TIME SUMMARY**

(ITEM 1) Extra Work at Lump Sum.....	\$1,373,636.00
(ITEM 2) Extra Work at Force Account	\$200,000.00
<b>Total net pay for this change order</b>	<b>\$1,573,636.00</b>

Estimated Cost: Increase  Decrease  **\$1,573,636.00**

By reason of this order the time of completion will be adjusted as follows: 0 days

Submitted by

Signature <i>Kannu Balan</i>	Resident Engineer Kannu Balan, Senior T.E.	Date <i>5-2-11</i>
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Approval Recommended by

Signature <i>Pete Siegenthal</i>	Supervising Bridge Engineer William Casey, Sup. B.E.	Date <i>5-2-11</i>
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Engineer Approval by

Signature <i>Pete Siegenthal</i>	Principal Transportation Engineer Peter Siegenthaler, Prin. T.E.	Date <i>5-12-11</i>
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We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefor 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 specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.**

Contractor Acceptance by

Signature <i>[Signature]</i>	(Print name and title) <b>BRIAN A. PETERSEN - PROJECT DIRECTOR</b>	Date <b>10 MAY 11</b>
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