

CONTRACT CHANGE ORDER

Change Requested by: Engineer

CCO 45	Suppl. No. 0	Contract No. 04 - 0120F4	Road SF-80-13.2/13.9	FED. AID LOC.:
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To: AMERICAN BRIDGE/FLUOR ENTERPRISES INC A JOINT VENT

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 Force Account:

Reimburse the Contractor for added work to load and transport the pipe material from the painter's facility to Pier 7, including the additional cost to off-load the pipe at Pier 7.

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\$20,000.00

Adjustment of Compensation at Lump Sum:

The fifth paragraph under subsection, "MATERIALS, Pipe and Fittings for Line 4 NPS or Greater", in Section 10-4.03, "CCSF Water Mains and Sewage Force Main", of the Special Provisions is replaced as follows:

From: "Ductile iron pipe and fittings shall have cement mortar lining and seal coating conforming to ANSI/AWWA C104/A21.4. Pipe shall have a bituminous outside coating conforming to ANSI/AWWA C151/A21.51, and fittings shall have a bituminous outside coating conforming to ANSI/AWWA C110/A21.10."

To: "Ductile iron pipe and fittings shall have cement mortar lining and seal coating conforming to ANSI/AWWA C104/A21.4. Pipe and fittings shall have a moisture-cured urethane primer outside coating conforming to ANCI/NSF Standard 61 and have finish paint in accordance with Section 10-1.69, "Clean and Paint Structural Steel" of the Special Provisions."

The specified bituminous coating will be eliminated and, in lieu of, a moisture-cured urethane (MCU) universal primer and finish paint shall be shop applied. This change will apply to the following bid items and associated fittings:

- Item 121 - CCSF Reclaim Water (6 NPS)
- Item 122 - CCSF Sewer Forced Main (10 NPS)
- Item 123 - CCSF Water Main (12 NPS)

The fifth paragraph under Section 5-1.25, "PAYMENTS" of the Special Provisions shall include the following material used on the ductile iron pipe for inclusion in the payment of materials furnished but not incorporated in the work:

- "P. CCSF Reclaimed Water (6 NPS) and fittings
- Q. CCSF Sewer Forced Main (10 NPS) and fittings
- R. CCSF Water Main (12 NPS) and fittings"

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For this work, the Contractor agrees to accept a lump sum payment of \$258,930.00. This sum constitutes full and complete compensation, including all markups for furnishing the CCSF pipe.

Adjustment of Compensation at Lump Sum\$258,930.00

Determination of cost due to a change in character of the pipe installation due to the addition of the finish paint is deferred.

Total Estimated Cost of this Change Order\$278,930.00



Estimated Cost: Increase Decrease \$278,930.00

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

Submitted by
 Signature: *W. Shedd* Resident Engineer William Shedd for Gary Pursell, P.E., Sup.T.E. Date: 8-25-08

Approval Recommended by
 Signature: *Gary Pursell* Supervising Transportation Engineer Gary Pursell, P.E., Sup. TE Date: 8/25/08

Engineer Approval by
 Signature: *Gary Pursell* Supervising Transportation Engineer Gary Pursell, P.E., Sup. TE Date: 8/29/08

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 may 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: *Michael D. Flowers* (Print name and title) Michael D. Flowers Date: 8-28-08

Project Director