July 26, 2010

Enclosed for your records is/are the following:


2. Progress Payment Voucher No. ________.

3. Approved Contract Change Order No. ________.

4. Proposed Contract Change Order No. 38 for your review and signature.

5. Daily Extra Work Reports [CCO Rept/#]: ________.

6. Other.

Sincerely,

Ron Tobison,
Resident Engineer
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONTRACT CHANGE ORDER

C CO No. 38      Suppl. No. 0        Contract No. 03-1A4614      Road Sut-99,113-26.6/37.4,25.7/R26.6 (KP) Federal Number(s) No Fed-Aid

Change Requested by: Engineer x Contractor

To DeSilva Gates Construction

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

In accordance with Section 4-1.03, “Changes” and 86 “Signals, Lighting and Electrical Systems of the Standard Specifications and this project's Special Provisions, perform the following work:

1) Replace the contract plan sheets No. 294 (E-1) and No. 296 (E-3) with sheets 4 and 5 of this contract change order.
2) Perform the electrical work as indicated on sheets 4 and 5 of this contract change order.
3) Add attached Revised Standard Plan sheet RSP ES-7H.
4) Perform the following work:

**Adjustment in Compensation at Lump Sum:**
In accordance with Section 86-1.03 “Cost Break-Down” of the Standard Specifications, an adjustment in compensation will be made to contract item no. 82 “Signal and Lighting (Location 1)” using the approved “Cost Break-Down”

**Increases:**
1) Add 142.3 meters of 53C type 3 conduit @ $34.53 per meter for a total of $4,913.62
2) Add 718.9 meters of 78C type 3 conduit @ $69.06 per meter for a total of $49,647.23
3) Add 41.5 meters of 103C type 3 conduit @ $69.06 per meter for a total of $2,865.99
4) Add 2 each 1B poles @ $517.96 each for a total of $1,035.92
5) Add 2 each 1B pole foundations @ $517.96 each for a total of $1,035.92
6) Add 33 each type A detector loops @ $414.36 each for a total of $13,673.88
7) Add 3 each DHH @ $138.12 each for a total of $414.36
8) Add 2 each #5 (T) pull boxes @ $310.77 each for a total of $621.54
9) Add 5 each #6 (E) PCC pull boxes @ $69.06 each for a total of $345.30
10) Add 2 each SP-1-T ped signal mounts @ $51.80 each for a total of $103.60
11) Add 1 each 1B pole foundation on the SWC @ $517.96 each for a total of $517.96
12) Add 1 each Type B TDC foundation on the SEC @ $690.61 each for a total of $690.61

Total increases at Adjustment in Compensation at Lump Sum........................ $75,865.93

**Decreases:**
1) Delete 31.4 meters of 41C type 3 conduit @ $34.53 per meter for a total of $1,084.24
2) Delete 385.8 meters of 53C type 3 conduit @ $34.53 per meter for a total of $13,321.67
3) Delete 2.6 meters of 63C type 3 conduit @ $69.06 per meter for a total of $179.56
4) Delete 2 each type 15 pole foundations @ $1,035.91 each for a total of $2,071.82
5) Delete 2 each type 19A-4-161 pole foundations @ $2,071.82 each for a total of $4,143.64
6) Delete 22 each type C detector loops @ $414.36 each for a total of $9,116.02
7) Delete 2 each type A detector loops @ $414.36 each for a total of $828.72
8) Delete 1 each #6 PCC pull box @ $241.71 each for a total of $241.71
9) Credit not to install two type 15 poles with 4.6 LMA and 200W HPS fixtures........... $500.00

Total decreases at Adjustment in Compensation at Lump Sum........................ (-) $75,865.93
10) Credit not to install two type 19A-4-161 traffic signal poles with 9.1 SMAs .........................(-)$1,000.00
Total decreases at Adjustment in Compensation at Lump Sum ..................(-) $32,487.38 Credit to State

For this work paid for at Adjustment in Compensation at Lump Sum the contractor shall receive a total sum of .................................................................................................................................. $43,378.55
This sum constitutes full and complete compensation for providing all labor, material, equipment, tools and incidentals, including all markups by reason of this change.

"Extra Work at Force Account"(EW@FA):
In accordance with Section 4-1.03D “Extra Work”, as shown on sheets 4 through 6 of this contract change order, and as directed by the Engineer perform the following work:

Increases:

1) Move salvaged miscellaneous traffic and pedestrian signal equipment, luminaires, poles and mast arms from Contractor’s storage area(s) to the Caltrans yard. Estimated cost ................. $500.00
2) Abandon the newly installed conduits, as shown on the contract plan sheet 294 (E-1). Estimated cost .................................. $1,000.00
3) Add 4 each PPB Posts. Estimated cost ................................................................. $940.00
4) Add 2 each Type 61A-4-161 poles with 19.8 meter Signal Mast Arms (SMA). Estimated cost ......................................................... $22,256.20
5) Add 4 each PPB Post foundations. Estimated cost .................................................. $1,000.00
6) Add 2 each Type 61A-4-161 pole foundations. Estimated cost ................................. $5,775.00
7) As directed by the attached plans, add 2 each 15.2 meter SMAs for Type 29A-5-161 poles Estimated cost ................................................................. $18,402.50
8) Add 11 each type D detector loops. Estimated cost .................................................. $4,557.96
9) Add 2 each TV-2-T TS mounts with 5 section TS heads with visors, back plates, 3 ball and 2 arrow indications. Estimated cost ......................................................... $600.00
10) Modify 2 each SV-3-T traffic signal mounts to 2 each SV-1-T traffic signal mounts and salvage what is left. Estimated cost ......................................................... $200.00
11) Modify 2 each SP-2-T ped signal mounts to 2 each SP-1-T ped signal mounts and salvage what is left. Estimated cost ......................................................... $200.00
12) The Electrical Sub Contractor Project Manager’s time to estimate this CCO and order the material for this CCO. Estimated cost ......................................................... $3,500.00
13) Add 1 tenon each on the two 19.8 meter SMA. Estimated cost ..................................... $400.00
14) Freight and re-stocking fee for the cages for the two type 19A-4-161 traffic signal pole foundations. Estimated cost ......................................................... $200.00

Estimated Extra Work at Force Account ................................................................. $59,531.66

Total ......................................................................................................................... $102,910.21

There will be no time adjustment due to this change order since the work involved will not affect the controlling operation.
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONTRACT CHANGE ORDER

Sheet 3 of 6

Contract No. 00-1A4614
Road SUI-99, 113-28.6/37.4, 25.7/R26.6 (KP)
Federal Number(s) No Fed-Aid

Estimated Cost: Increase $102,910.21

By reason of this order the time of completion will be None
adjusted as follows:

Submitted by

Signature ____________________________ (Print name & title) Ron Tollison, Resident Engineer ____________________________ Date 07-26-10

Approval Recommended by

Signature ____________________________ (Print name & title) Fernando Rivera, A.C.E. ____________________________ Date

Engineer Approval by

Signature ____________________________ (Print name & title) Bijan Parhizgar, A.C.M. ____________________________ Date

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 specification as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by

Signature ____________________________ (Print name & title ____________________________ Date

CEM-4900
### Conduit and Conductor Schedule

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### Pole and Equipment Schedule

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### Service Wiring Diagram

This plan accurate for electrical work only.
ELEVATION
TYPE 60-5-161

ELEVATION
BASE PLATE

PLAN
ELEVATION
MAST ARM PLATE

NOTE
The furthest distance between the mast arm and the centerline of the cap shall be 1.5 m. ARM VEL LOADS may have to be increased by design. If not.

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<th>POL DATA</th>
<th>BASE PLATE DATA</th>
<th>LUMinaire ARM DATA</th>
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WIND VELOCITY = 161 km/h
ARM LENGTHS = 18.2 m TO 19.8 m
NO SCALE
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN
RSP ES-7H DRAWN: OCTOBER 1, 2004 SUPERSEDES RSP ES-7H
DATED: JANUARY 24, 2005 AND STANDARD PLAN ES-7H
REVISED STANDARD PLAN RSP ES-7H

ELECTRICAL SYSTEMS
(SIGNAL AND LIGHTING STANDARD CASE 5 ARM LOADING)

WEIGHT LOADS:
CAP SCH: 180 m
BASE PLATE

HICH SCH:
CAP SCH:
BASE PLATE

REVISED STANDAD PLAN RSP ES-7H

3-03/14/04
CLO #3B
SHEET 6 OF 6