



**CHANGE ORDER(s)
AND /OR
LETTER(s) OF EXTENSION**

**CONTRACT CHANGE ORDER AUTHORIZATION NO. 2
DATED 8/27/2012**

**FILED WITH CONTRACT # 32109
(FLATIRON ELECTRIC GROUP, INC)**



Ext. 2/11/12
L

Date: August 27, 2012
To: Ara Maloyan, Deputy Director of Public Works / City Engineer
From: *GM* Gillis M. Monroe, Construction Services Officer
Subject: CONTRACT CHANGE ORDER TRANSMITTAL MEMO

RECEIVED
CITY CLERK
LONG BEACH, CA
13 FEB 20 AM 9:33

PROJECT: R-6857 Shoreline Drive Advance Traffic Control System
CCO#: No. 2
ORIGINATED FROM: Project Development
SOURCE OF FUNDING: CIP
REASON: See Attached
COST: \$ 99,200.00
ORIGINAL CONTRACT \$ 2,556,617.75
TOTAL AMOUNT OF CCO'S TO DATE (INCLUDING PROPOSED CCO'S) \$ 140,516.92
PERCENT (%) OF ORIGINAL CONTRACT AMOUNT +5.50%

RECEIVED
JAN 17 2013
Grants Acctg.

GMM:CRR:cc
r6857-2transmittal

DEPARTMENT OF PUBLIC WORKS
CAPITAL IMPROVEMENT PROJECTS
Certification of Materials or Services
Vendor ID# 1018139
POPW 11000004
Proj/Proj detail PWT 360-0130
Index/Subobject PWC 1001215009
Grant/Grant detail PW/STAM-COAT
By Ara 9-10-12
DATE

OFFICE OF THE CITY MANAGER
CITY OF LONG BEACH
LONG BEACH, CA 90802



To: Flatiron Electric Group, Inc.
15701 Heron Avenue
La Mirada, CA 90638

Date: August 27, 2012
R- 6857
Contract No.: 32109
Program No.: PWT360-01

PROJECT: Shoreline Drive Advance Traffic Control System

CONTRACT CHANGE ORDER AUTHORIZATION NO. 2

C90

In accordance with Section 3-3, Extra Work of the Standard Specifications for Public Works Construction, 2009 Edition, you are authorized to do the following:

- (C) 1. Provide all labor, materials and equipment to remove and replace reinforced Portland Cement Concrete (PCC) sidewalk located on Pine Avenue at the entrance to the Long Beach Convention Center to comply with American with Disabilities Act (ADA) requirements, as directed by the Project Engineer, for the estimated cost of \$ 11,500.00

- (B) 2. Provide all labor, materials and equipment to remove and dispose of an existing Marbolite street light pole, not depicted on the construction drawings, in conflict with the planned Type 19 traffic signal pole located on the south side of Ocean Boulevard at Atlantic Avenue, as directed by the Project Engineer, for the estimated cost of \$ 3,700.00

- (C) 3. Provide all labor, materials and equipment to remove the existing Type 1A traffic signal pole located on the northwest corner of Pine Avenue and Shoreline Drive and replace it with a modified Type 15 traffic signal pole, as directed by the Project Engineer, for the estimated cost of \$ 9,500.00

- (C) 4. Compensation due the contractor to provide additional potholing to determine the existing street structural section at the intersection of Locust Avenue and Ocean Boulevard, as directed by the Project Engineer, for the estimated cost of \$ 7,500.00

- (A) 5. Provide all labor, materials and equipment to repair an existing two-inch (2") galvanized rigid conduit located in the median island on Ocean Boulevard and Long Beach Boulevard, as directed by the Project Engineer, for the estimated cost of \$ 3,000.00

- (A) 6. Provide all labor, materials and equipment to place two (2) sack cement sand slurry to backfill an unforeseen void encountered beneath the sidewalk located on the west side of Pine Avenue south of Ocean Boulevard during conduit installation,
as directed by the Project Engineer,
for the estimated cost of \$ 1,000.00

- (A) 7. Provide all labor, materials and equipment to relocate an existing Type 29 traffic signal pole on the southeast corner of Ocean Boulevard at Linden Avenue to comply with American with Disabilities Act (ADA),
as directed by the Project Engineer,
for the estimated cost of \$ 7,500.00

- (C) 8. Provide all labor, materials and equipment to install a new Type 332 traffic signal controller including foundation, not depicted on the construction drawings, located on the northwest corner of Ocean Boulevard and Long Beach Boulevard,
as directed by the Project Engineer,
for the estimated cost of \$ 2,000.00

- (A) 9. Provide all labor, materials and equipment to install sod and modify the existing irrigation system at the northeast corner of Shoreline Drive and Linden Avenue, not depicted on the construction drawings,
as directed by the Project Engineer,
for the estimated cost of \$ 1,000.00

- (C) 10. Compensation due the contractor to accelerate PCC sidewalk patches and trench restoration on Ocean Boulevard to accommodate the "TED" conference,
as directed by the Project Engineer,
for the estimated cost of \$ 25,000.00

- (B) 11. Provide all labor, materials and equipment to modify existing traffic striping and regulatory signage to an R73-5CA with double right turn arrows at the intersection of Ocean Boulevard and Long Beach Boulevard,
as directed by the Project Engineer,
for the estimated cost of \$ 5,000.00

- (A) 12. Provide all labor, materials and equipment to install a new three-inch (3") Polyvinyl Chloride (PVC) conduit in lieu of using the existing conduit as depicted on the construction drawings due to unknown obstructions on the north side of Ocean Boulevard and Chestnut Place,
as directed by the Project Engineer,
for the estimated cost of \$ 15,000.00

- (A) 13. Provide all labor, materials and equipment to remove and replace ADA curb ramp constructed per construction drawings revised by City Engineer at the intersection of Ocean Boulevard and Atlantic Avenue, as directed by the Project Engineer, for the estimated cost of \$ 6,500.00
- (A) 14. Provide all labor, materials and equipment to clear an obstruction in an existing traffic signal conduit at the intersection of Alamitos Avenue north of Ocean Boulevard, as directed by the Project Engineer, for the estimated cost of \$ 1,000.00
- TOTAL ESTIMATED INCREASE TO CONTRACT COST \$ 99,200.00**

By signing this change order the Contractor acknowledges that it is familiar with California Civil Code Section 1542, which reads: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor;" and Contractor hereby releases the City from any unknown claims and waives its rights under Section 1542.

The prices set forth herein above shall be considered full compensation for all obligations of the contractor associated with this change order, and the City will not be liable for any claim of the contractor for delays or extra compensation resulting from performance of the requirements of this change order.

TIME FOR COMPLETION OF ALL WORK UNDER THE CONTRACT WILL BE EXTENDED FIVE (5) WORKING DAYS AFTER THE DIRECTOR'S SIGNATURE.

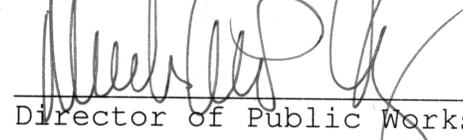
Recommended by:

Approved by:

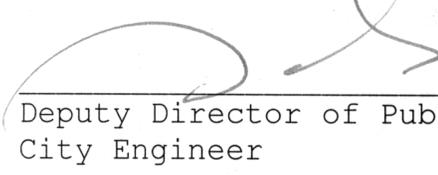
 8/29/12
Chief Construction Inspector (Date)

 Jim Hovaker 1-15-13
Contractor-Company Officer (Date)

 9/3/12
Construction Services Officer (Date)

 2/4/13
Director of Public Works (Date)

 9/17/12
City Traffic Engineer (Date)

 2/4/13
Deputy Director of Public Works/
City Engineer (Date)

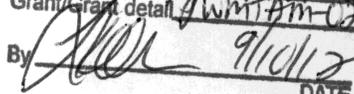
Funds are available for this purpose:

 1-30-13
Financial Management (Date)

cc: Auditor
Accounting
City Clerk-Originals
Construction Division

Contract Compliance
Project Development

DEPARTMENT OF PUBLIC WORKS
CAPITAL IMPROVEMENT PROJECTS
Certification of Materials or Services

Vendor ID# V018139
POPW 11000004
Proj/Proj detail PWT 360-02
Index/Subobject PWC 1000/308009
Grant/Grant detail AWM 01M-0205
By  9/10/12
DATE