

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

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CONTRACT CHANGE ORDER NO. 006
DATED JULY 17, 2017

FILED WITH CONTRACT #34203
(POWELL CONSTRUCTORS, INC)



Date: August 14, 2017
To: Sean Crumby, Deputy Director of Public Works
From: ^{no} Michael Johnston, Administrative Analyst
Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

REVISED
8/23/17
[Signature]

PROJECT: R-6942 Convention Center – Performing Arts Center Pedestrian Bridge on Seaside Way

CONTRACTOR: Powell Constructors, Inc.

CCO#: No. 6

ORIGINATED FROM: Project Development

SOURCE OF FUNDING: CIP/Tidelands

REASON: See Attached

COST (CCO #6): \$ 198,318.53 ✓

ORIGINAL CONTRACT: \$ 8,636,496.00

APPROVED CONTINGENCY (7.5%) \$ 647,737.00

TOTAL CONTRACT PLUS CONTINGENCY (Not to Exceed): \$ 9,284,233.00

TOTAL AMOUNT OF CCO'S TO DATE (INCLUDING PROPOSED CCO'S): \$ 474,031.75 ✓

PERCENT (%) OF CONTINGENCY USED IN CHANGE ORDERS TO DATE (INCLUDING PROPOSED): ~~73.18%~~ ^{504,916.58} 77.95% ✓

CITY COUNCIL ACTION DATE:
FEBRUARY 16, 2016 (ITEM R-11)

TIDELANDS CAPITAL IMPROVEMENT PROJECTS
Certification of Materials and Services

Vendor # VO61190-01
BP _____ PO PW17-05
Project PW2040 Detail 5730
Index PWCIPJB Subobject 210009
Grant _____ Detail _____
Authorized by [Signature]

DEPARTMENT OF PUBLIC WORKS
CITY OF LONG BEACH
LONG BEACH, CALIFORNIA 90802

To: Powell Constructors, Inc
8555 Banana Ave.
Fontana, CA 92335

Date: July 17, 2017
R- 6942
Contract: 34203
Program PW2040-57

**PROJECT: R-6942 CONVENTION CENTER - PERFORMING ARTS CENTER PEDESTRIAN
BRIDGE ON SEASIDE WAY**

CONTRACT CHANGE ORDER AUTHORIZATION NO.6

PART 1 - REASON FOR CHANGE

A.- Change Order was required to eliminate the following bid items from the scope of work as instructed by the City due to changes in field conditions:

1. **Bid Item No. 44** "Permanent roadway signage"
2. **Bid Item No. 75** "EPS rigid foam to level tree root ball"

B.- Change Order was required because of design changes, RFIs, Bulletin 2 changes, and field conditions. The following work is added to or eliminated from the contract:

3. PCO#6 (RFQ:Unknown #13)_Street lighting conduit relocation on Seaside Way.
4. PCO#14/14.3, and 14.4_Conduit and wires for the foot lighting and installation of ADA grooves at the Performing Art Plaza.
5. PCO#15_part3_Added cost due to Landscape and other changes as shown in Bulletin 2 (PCO#15.17, COR_3/3.1, and COR_3weld).
6. PCO#17.3, 17.5, and 17.6_Procurement and installation of revised grating supports.
7. PCO#26(RFQ:Unknown #11) and 26.1_Additional Architectural Concrete test panels and protective sealant.
8. PCO#28/28.1(RFQ:Unknown #7)_ Replace link seal model LS-300-S-10 for link seal model LS-315-S-11.
9. PCO#30_Added cost to assembly AD-01 lighting string locally.
10. PCO#33 (RFQ:Unknown #15)_Changes to the Cabling system (washers and bushings).
11. Credit to the City due to the reduction of structural concrete volume.
12. Credit to the City due to the procurement and replacement of light globe cover at the Salvation Army Balcony.

PART 2 - DESCRIPTION OF CHANGE

A.- In accordance with section 3-2.5 "Eliminated Items," of the Standards Specification. The following items are eliminated from the contract:

1. **Bid Item No. 44** "Permanent roadway signage"
In accordance with Note 5 of Plan Sheet#8 and RFI#41 of Bid Addendum #3, this allowance item provided payment for the street signage needed

for the three-way stop intersection to be prepared as an addendum to the construction plans. City required a traffic study to prepare signage plan. This study cannot be performed until the bridge and the 207 building are constructed. Therefore, City decided to remove this item from the scope of work and maintain the pre-construction signage on Seaside Way.

2. **Bid Item No. 75** "EPS rigid foam to level tree root ball"

Bulletin 2 drawings issued on 6/17/2016 eliminated the EPS rigid foam underneath the tree root ball as shown on Plan Sheet#96. Resident Engineer clarified this via email dated on 4/4/17.

B.- Provide all labor, material, and equipment to execute the following added scope of work to the contract as shown in Bulletin 2, RFIs, and requested by the Engineer and in accordance with Standard Specification section 3-3.1:

3. PCO#6 (RFQ:Unknown #13)_Provide all labor, material, and equipment to relocate conduit and wires for the street lighting on Seaside Way between Collins Way and Locust Ave. that conflicted with the CIDH pile installation. Construction plans show the removal of the existing light pole. However, they do not address the existing conduit running on the Seaside Way north sidewalk. Contractor submitted RFI#13. Engineer instructed to permanently relocate conduit as per COLB standard plan#708. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).

4. PCO#14/14.3, and 14.4_Provide all labor, material, and equipment to perform the following added work:

-PCO#14/14.3_Installation of additional conduit and wires to re-establish the foot lighting at the Terrace Plaza as requested by the Convention Center and authorized by the City via email dated 7/22/2016 and 7/23/2016. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).

-PCO#14.4_Installation of ADA grooves at the performing Arts Stairway after demolition work was completed and section of the stair was retrofitted. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).

5. PCO#15_part3_Provide all labor, material, and equipment to implement added work due to Landscape and other changes as shown in Bulletin 2:

-PCO#15.17_Added reinforcing steel per field inspection as instructed by the Resident Engineer. During this inspection, It was identified that additional reinforcement was needed at the hooks as recommended by ACI code. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).

-COR_3/3.1_Added cost to procure support plates for the AD-02 lighting fixture in accordance with RFI#74. Construction plans do not provide any support detail for these fixtures. Therefore, additional effort is needed. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).

-COR_3weld_ Added cost to install the support plates for the AD-02 lighting fixture in accordance with RFI#74. Construction plans do not provide any welding detail for plates. Therefore, additional effort is needed. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).

6. PCO#17.3, 17.5, and 17.6_Provide all labor, material, and equipment for the procurement and installation of revised grating supports in accordance to RFI#99 (W8 beams to be welded and anchored to bridge structure with drilled and epoxied dowels). City agreed to pay on 5/10/17, during a settlement meeting (see attached record of

negotiation).

7. PCO#26(RFQ:Unknown #11) and 26.1 Provide all labor, material, and equipment to prepare the additional test panels for the architectural finishes as requested by the Landscape Architect on 03/07/2017. It also provides payment for the application of a protective sealant to the architectural concrete. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).
8. PCO#28/28.1(RFQ:Unknown #7) Provide all labor, material, and equipment to replace specified link seal model LS-300-S-10 in contract document for corrected link seal model LS-315-S-11 in accordance with submittal#59.1. This change generated and added cost to the City. Contractor submitted PCO 28 request, which was found not acceptable. Then, Contractor submitted revised PCO28 (logged under PCO 28.1), which was reviewed and found acceptable. Therefore, payment is recommended.
9. PCO#30 Provide All labor, material, and equipment to assembly AD-01 lighting string locally as per RFI 122, submittal 43.6 and RFQ#11. It also includes the procurement of revised 3-part clips and string connectors (plugs) to allow for easy replacement and maintenance. The proposed cost was approved by the City during construction meeting#54 on 5/25/17.
10. PCO#33 (RFQ:Unknown #15) Provide all labor, material, and equipment to change the washers and bushings of the cabling system from round to oval. The plans do not provide specific detail for this hardware. However, designer's intent is implicit in the plans. Contractor stated the this information was not clear at Bid time. City agreed to pay on 5/10/17, during a settlement meeting (see attached record of negotiation).
11. Credit to the City due to the reduction of structural concrete volume Bulletin 2 revisions provided a reduction of the structural concrete of 27.5cy. Adjustment to the bid item quantity (item 23 "Structural Concrete Bridge") per section 3-2.2.2.1 is not applicable because of the nature of the bid item (in accordance with Caltrans section 9-1.02C). Additionally, there were other related cost that are included in the bid item unit cost, such as: Falsework, QC inspection, and form work. Which were incurred by the contractor in despite of the volume reduction. Therefore, An adjustment in compensation at agreed price in favor to the City is needed. Contractor and City agreed to specified credit amount on 5/10/17, during a settlement meeting (see attached record of negotiation).
12. Credit to the City due to the procurement and replacement of light globe cover at the Salvation Army Balcony Contractor damaged one of the light covers on the Salvation Army deck. City light and Power replaced it on 3/29/2017 and charged the City per invoice dated on 01/27/2017. City instructed to back charge the contractor for this work. Contractor and City agreed to specified credit amount on 5/10/17, during a settlement meeting (see attached record of negotiation).

PART 3 - CHANGE IN CONTRACT AMOUNT

A.-Bid Item quantity adjustments at Contract Unit prices:

	ADD	DEDUCT
1. Bid Item No. 44 "Permanent roadway signage" Eliminated item.		\$2,500.00
2. Bid Item No. 75 "EPS rigid foam to level tree root ball" Eliminated item.		\$2,000.00

TOTAL	\$4,500.00
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B.-Extra work/ Adjustment in compensation at Agreed Price:

	ADD	DEDUCT
✓ 3. PCO#6 (RFQ:Unknown #13)_Street lighting conduit relocation on Seaside Way.	\$4,397.83	
④ 4. PCO#14/14.3, and 14.4_Conduit and wires for the foot lighting and installation of ADA grooves at the Performing Art Plaza.	\$23,772.13	
✓ 5. PCO#15_part3_Added cost due to Landscape and other changes as shown in Bulletin 2 (PCO#15.17, COR_3/3.1, and COR_3weld).	\$19,970.23	
✓ 6. PCO#17.3, 17.5, and 17.6_Procurement and installation of revised grating supports.	\$7,906.06	
✓ 7. PCO#26(RFQ:Unknown #11) and 26.1_Additional Architectural Concrete test panels and protective sealant.	\$8,726.41	
⑧ 8. PCO#28/28.1(RFQ:Unknown #7)_ Replace link seal model LS-300-S-10 for link seal model LS-315-S-11.	\$1,752.19	
9. PCO#30_Added cost to assembly AD-01 lighting string locally.	\$137,539.23	
✓ 10. PCO#33 (RFQ:Unknown #15)_Changes to the Cabling system (washers and bushings).	\$3,911.35	
11. Credit to the City due to the reduction of structural concrete volume.		\$5,000.00
✓ 12. Credit to the City due to the procurement and replacement of light globe cover at the Salvation Army Balcony.		\$156.90
SUBTOTAL	\$207,975.43	✓\$5,156.90
TOTAL	\$202,818.53	✓

Net Bid Item quantity adjustment =	- \$4,500.00
Net Extra work/ Agreed price =	\$202,818.53
Net to Contract cost =	\$198,318.53
TOTAL ESTIMATED INCREASE TO CONTRACT COST	\$198,318.53

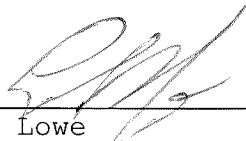
By signing this change order the Contractor acknowledges that it is familiar with California Civil Code Section 1542, which reads: "A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him 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 hereinabove 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.

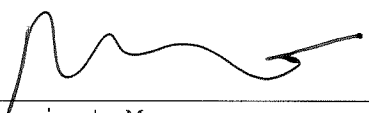
PART 4 - CHANGE IN CONTRACT TIME

ANY TIME EXTENSION DUE TO THIS CONTRACT CHANGE ORDER IS DEFERRED.

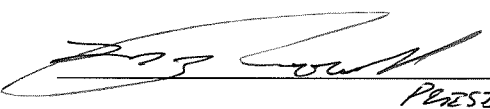
Recommended by:

 7-27-17
Eric Lowe
Chief Construction Inspector (Date)

 8/12/17
Marc Wright
Construction Services Officer (Date)

 7/25/17
Project Manager (Date)

Approved by:

 7-15-17
PRESIDENT
Contractor-Company Officer (Date)

 8/22/17
Sean Crumby
Deputy Director/City Engineer (Date)


Financial Management (Date)

CC: Auditor
Accounting
City Clerk-Originals
Contract Compliance
Engineering Records
Project Development
Powell Constructors, Inc