



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

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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 8  
DATED JULY 27, 2017**

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**FILED WITH CONTRACT #34203  
(POWELL CONSTRUCTORS, INC.)**



Date: December 6, 2017  
To: Sean Crumby, Deputy Director of Public Works  
From: Michael Johnston, Administrative Analyst *mq*  
Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

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

CONTRACTOR: Powell Constructors, Inc.

CCO#: No. 8

ORIGINATED FROM: Project Development

SOURCE OF FUNDING: CIP/Tidelands

REASON: See Attached

COST (CCO #8): \$ 103,837.76 ✓

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): \$ 9,245,250.34  
\$ 577,869.51 \$ 608,754.34

PERCENT (%) OF CONTINGENCY  
USED IN CHANGE ORDERS TO  
DATE (INCLUDING PROPOSED): 89.21% 93.98 %

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

TIDELANDS CAPITAL IMPROVEMENT PROJECTS  
Certification of Materials and Services

Vendor # V061190 - 01  
BP — PO PW17000005  
Project PW2040 Detail 5730  
Index PWCIPJB Subobject 210009  
Grant — Detail —  
Authorized by Amber Talar 12/6/17

*ef*  
12/14/17

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

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

Date: July 27, 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.8**

**PART 1 - REASON FOR CHANGE**

Change Order was required because of differing site condition encountered during the construction, design changes approved via RFIs, field changes instructed by the Engineer and The City, and added work to accommodate for the Grand Prix race. Thus, the following work is added to or eliminated from the contract:

1. PCO#7.1\_Job site fencing - before Grand Prix.
2. PCO#20.3\_Overtime premium to accelerate bridge construction - Electrical Subcontractor's cost (BELCO).
3. PCO#21.1 and 21.2\_Salvation Army Deck - Planter removal/reconstruction, waterproofing and drainage.
4. PCO#25.2 and 25.3\_Added Waterproofing work - Termination bar and surface drainage under grating.
5. PCO#26.3\_Added epoxied dowels to topping slabs.
6. PCO#31.1\_Revised Expansion joint detail - grouting and grinding.
7. PCO#32.1 and 32.2(Unknown#16)\_Added work before the Grand Prix race - Planting work and temporary railing, and fencing.
8. PCO#34\_Removal and adjusting of planted trees
9. PCO#38.1 and 38.2\_Changes to hand railing - 2" pipe railing termination and 1.5" handrail termination tail.
10. PCO#39\_Additional cost for sidewalk pour due to Southern California Edison's vault adjustment.
11. PCO#40\_Cable layout changes and added turnbuckles.
12. PCO#42.1\_Field painting for added AD-02 plates.
13. PCO#43\_(Unknown#17)Re-installation of the irrigation backflow preventer per Convention Center's request.
14. PCO#44\_Added steel member at east and west ends to comply with 4" ADA requirement.
15. Credit to the City due to reduction of work to the following bid items:25,76,90,38, and PCO 11(Contract Change Order#1 - Item 10)

## PART 2 - DESCRIPTION OF CHANGE

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

1. PCO#7.1\_Provide labor, material, and equipment to install a temporary chain link fence around the project to enclose the falsework removal activities from the public. On 01/09/2017, during the coordination meeting between City, Grand Prix team, All American Asphalt, and Powell, the City requested Powell remove their K-rail to allow for paving operations on Seaside Way ahead of the Grand Prix race. Powell removed the K-rail on 02/06/2017. In order to protect public from construction debris and construction operations, the Engineer requested additional safety measures beyond Section 7-10.1 of the special provisions. City agreed to pay Powell's requested amount for this added work on 7/26/17, during a settlement meeting (see attached record of negotiation).
2. PCO#20.3\_ The City instructed Powell to accelerate bridge construction ahead of the Grand Prix race. This included overtime work to install electrical conduits by Electrical Subcontractor (BELCO). Thus, bridge deck can be poured and temporary falsework structure can be removed from Seaside Way before the race. The City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
3. PCO#21.1 and 21.2\_Provide Labor, material, and equipment to reconstruct the Salvation Army Deck after planter removal included in Bulletin 2 and RFI#83. This change order provides payment for the reconstruction of Promenade bridge plater, area and planter drainage relocation, waterproofing, and paver installation. The City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
4. PCO#25.2 and 25.3\_ Provide Labor, material, and equipment for the added waterproofing and surface drainage as follows:
  - PCO#25.2\_Added termination bar at the tree tubs and planter locations as shown on RFI #127 and as instructed by the Engineer via email dated 04/04/17.
  - PCO#25.3\_Added grout material under grating detail #1 to facilitate water run off per RFI #103.City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
5. PCO#26.3\_ Provide Labor, material, and equipment to install added epoxied dowels at the joint location between Architectural concrete types as instructed by the Engineer. The detail #08 on sheet 97 from the construction plans does not show any coating that will prevent the steel from rusting due to water infiltration. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
6. PCO#31.1\_Provide Labor, material, and equipment to construct the revised expansion joint detail as shown on drawings SK-32 and SK-33. Original Expansion detail, as shown in the construction plans, does not comply with ADA requirements. Design Architect issued revised details on 01/31/16, 2/2/17, and 3/21/17. City was informed that these changes will generate an extra cost via email on 2/2/2017. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).

7. PCO#32.1 and 32.2(Unknown#16)\_ Provide Labor, material, and equipment to perform the added work before the Grand Prix race as requested by the City Special Events and Convention Center during coordination meeting held on 01/09/2017 and Construction meeting dated on 3/29/17. This change order provides payment for the following work:
  - PCO#32.1\_Procure, install and maintain plants and trees before the Grand Prix race.
  - PCO#32.2 (Unknown#16)\_Install temporary railing at the Convention Center stairway, relocate temporary fence at Bridge, and clean bridge deck for City VIP tour. The worked was performed ahead of the Grand Prix race.City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
8. PCO#34\_Provide Labor, material, and equipment to remove and/or adjust the planted trees as instructed by the Landscape Architect via email dated on 06/20/2017. Powell planted the trees between grid lines 31 to 34 and they appeared to be clashing with the canopy steel and cabling. To alleviate this clash, trees will be relocated closer to the architectural concrete. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
9. PCO#38.1 and 38.2\_Provide Labor, material, and equipment to perform the following added work:
  - PCO#38.1\_Changes to 2" hand railing. On 4/27/2017, via email, The Design Architect reduced the length of the bridge railing and provided an additional detail for handrail termination (CSK-36). This detail is an added work.
  - PCO#38.2\_Changes to the 1.5" handrail termination tail at the Convention Center stairway per new detail sent by Design Architect on 07/07/2017 and field changes.City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
10. PCO#39\_ Provide labor, material, and equipment needed for the out-of-sequence sidewalk pour due to South California Edison (SCE) vault adjustment as instructed via RFI#123. On 03/03/17, Powell contacted City and SCE and requested that vault be adjusted to the new sidewalk grades. City did not authorized SCE perform any construction on Seaside Way due to the Grand Prix moratorium. Therefore, sidewalk around the vault was schedule to be poured after the race. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
11. PCO#40\_Provide labor, material, and equipment procure and install additional 36 turnbuckles for the SS cabling as recommended by the Architect. Upon review of the cable layout, Design Architect requested to consolidate the swag turnbuckles at the following grid locations (8, 15, 22, 29, 36, 43, 50, 56, 64, and 71). Segmenting the cable runs in this manner will ensure consistency along the bridge. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
12. PCO#42.1\_ Provide labor, material, and equipment to perform field painting for added AD-02 plates in accordance to RFI#74 and 74.1. These added plates were not included in the bid documents and were added to support the AD-02 lighting fixtures. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
13. PCO#43(Unknown#17)\_Provide labor, material, and equipment for re-installation of the irrigation backflow preventer (BFP) per Convention Center's request. BFP was installed per construction drawings and the change was requested after the installation was done. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).

14. PCO#44 Provide labor, material, and equipment to procure and install the added steel member at east and west ends of the bridge to comply with 4" ADA requirement in accordance to the added detail in Submittal 60.6. This change order provide payment to material, field welding, and field painting. Engineer stated that there is no merit on this request since 4" max requirement is shown in the bid plans. Powell stated that detail is not clear and end ribs were built per approved shop drawings as instructed by the Architect. City agreed to pay on 7/26/17, during a settlement meeting (see attached record of negotiation).
15. Credit to the City due to reduction of work to the following bid items:
- Item 25 "Light weight Concrete overlay"  
(SF) Credit due to the reduction of the number of dowels on the bridge deck. Detail#8 on plan sheet 97 shows #4 dowels at 8' OC both ways. Design Architect provided revised detail with #4 dowels at 4'OC only at the south edge of the architectural slab (RFI#111). Thus, reducing the number of dowels from 152ea to 90ea.
  - Item 76 "Irrigation system"  
(LS) Credit due to the reduction of irrigation work on the north sidewalk of Seaside Way between Locust Ave. and Collins Way. On 2/22/17, during construction meeting, Ensemble and the City agreed that this section of the work will be completed by Ensemble during the 207 building construction. Powell was informed via email on 03/01/2017.
  - Item 90 "Plant Establishment"  
(LS) Credit due to the reduction of landscape work on the north sidewalk of Seaside Way between Locust Ave. and Collins Way. On 2/22/17, during construction meeting, Ensemble and the City agreed that this section of the work will be completed by Ensemble during the 207 building construction. Powell was informed via email on 03/01/2017.
  - Item 38 "Painting"  
(SF-F) Credit due to the reduction of painting work as a result of the decrease of the 2" bridge handrail as recommended by Design Architect and approved by the City on 4/27/2017, via email, and per drawing CSK-36.
  - PCO#11 "Item 10 in CCO#1-Provide and install electrical and communication conduits"  
Credit due to the reduction of work related to the spare power and communication conduit. Electrical subcontractor did not install section of the conduits and boxes located between grid lines 53 and 54.

City and Powell agreed on the credit to the City on 7/26/17, during a settlement meeting (see attached record of negotiation).

### PART 3 - CHANGE IN CONTRACT AMOUNT

#### Extra work/ Adjustment in compensation at Agreed Price:

		ADD	DEDUCT
1	PCO#7.1_Job site fencing - before Grand Prix.	\$5,222.64	
2	PCO#20.3_Overtime premium to accelerate bridge construction - Electrical Subcontractor's cost (BELCO).	\$95.41	
3	PCO#21.1 and 21.2_Salvation Army Deck - Planter removal/reconstruction, waterproofing and drainage.	\$34,392.86	
4	PCO#25.2 and 25.3_Added Waterproofing work - Termination bar and surface drainage under grating.	\$8,218.65	
5	PCO#26.3_Added epoxied dowels to topping slabs.	\$2,040.35	
6	PCO#31.1_Revised Expansion joint detail - grouting and grinding.	\$8,103.04	
7	PCO32.1 and 32.2(Unknown#16)_Added work before the Grand Prix race - Planting work and temporary railing, and fencing.	\$20,000.00	
8	PCO#34_Removal and adjusting of planted trees	\$1,500.00	

9	PCO#38.1 and 38.2_Changes to hand railing - 2" pipe railing termination and 1.5" handrail termination tail.	\$8,000.00	
10	PCO#39_Additional cost for sidewalk pour due to Southern California Edison's vault adjustment.	\$1,437.39	
11	PCO#40_Cable layout changes and added turnbuckles.	\$5,241.38	
12	PCO#42.1_Field painting for added AD-02 plates.	\$5,000.00	
13	PCO#43_(Unknown#17)Re-installation of the irrigation backflow preventer per Convention Center's request.	\$1,586.04	
14	PCO#44_Added steel member at east and west ends to comply with 4" ADA requirement.	\$11,000.00	
15	Credit to the City due to reduction of work to the following bid items:25,76,90,38, and PCO 11(Contract Change Order#1 - Item 10)		
	Item 25		\$ 620.00
	Item 76		\$3,300.00
	Item 90		\$0.00
	Item 38		\$1,200.00
	PCO 11 (Contract Change Order #1 - Item 10)		\$2,880.00
		\$111,837.76	\$8,000.00
<b>TOTAL</b>		\$103,837.76	✓

Net Extra work/ Agreed price =	\$103,837.76
Net to Contract cost =	\$103,837.76
<b>TOTAL ESTIMATED INCREASE TO CONTRACT COST . . . . .</b>	<b>\$103,837.76</b>

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

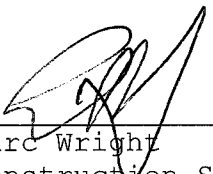
ANY TIME EXTENSION DUE TO THIS CONTRACT CHANGE ORDER IS DEFERRED.

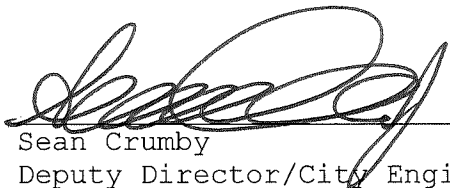
Recommended by:

Approved by:

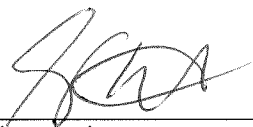
  
Eric Lowe  
Chief Construction Inspector (Date) 11-27-2017

  
Contractor-Company Officer (Date) 12-19-17

  
Marc Wright  
Construction Services Officer (Date) 11-27-2017

  
Sean Crumby  
Deputy Director/City Engineer (Date) 11/27/17

  
Project Manager  
Michael Johnston (Date) 11/27/17

  
Financial Management (Date) 12-14-17

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