



CHANGE ORDER(s)

AND /OR

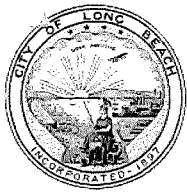
LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER NO. 004
DATED JULY 17, 2017**

FILED WITH CONTRACT #34203

(POWELL CONSTRUCTORS, INC)



Date: August 3, 2017
To: Sean Crumby, Deputy Director of Public Works
From: Eric Lopez, Project Management Officer
Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

REVISED
8/23/17
mg

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

CONTRACTOR: Powell Constructors, Inc.

CCO#: No. 4

ORIGINATED FROM: Project Development

SOURCE OF FUNDING: CIP/Tidelands

REASON: See Attached

COST (CCO #4): ~~\$ 18,030.67~~ **\$48,915.50**

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): ~~\$ 167,891.36~~ **\$198,776.19**

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

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

TIDELANDS CAPITAL IMPROVEMENT PROJECTS
Certification of Materials and Services

25.91% 30.681%
Vendor # **V061190-01**
BP _____ PO **PW17-05**
Project **PW2040** Detail **5730**
Index **PW CIPSB** Subobject **210009**
Grant _____ Detail _____
Authorized by *[Signature]*

OFFICE OF THE CITY MANAGER
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.4

PART 1 - REASON FOR CHANGE

a.- Change Order was required because the following bid item quantities needed to be adjusted due to increase/decrease of field quantities:

1. **Bid Item No. 16** "Construction Area Information Sign"
2. **Bid Item No. 42** "Asphalt Concrete Pavement"
3. **Bid Item No. 55** "6" Diameter PVC SDR-35 Down Spout"
4. **Bid Item No. 78** "Access panels/Manholes"

b.- Change Order was required because the following bid item quantities needed to be adjusted due to added work requested by the City, included in Bulletin 2 (changes to the bridge structure due to landscape changes), RFI 125 (4-4" side drains), and RFI 110 (revised stair rail post).

5. **Bid Item No. 29** "Structural Foam Fill" per Bulletin 2 changes
6. **Bid Item No. 31a** "Waterproofing" per Bulletin 2 changes
7. **Bid Item No. 32** "Structural Steel Canopy" per PCO#23 quantity
8. **Bid Item No. 38** "Painting" per PCO#23 quantity
9. **Bid Item No. 58a** "Storm Drain to Catch basin connection" per PCO#27
10. **Bid Item No. 70** "Landscape Planting 24" box" per PCO#29 quantity
11. **Bid Item No. 72** "Bridge Planting medium" per Bulletin 2 changes

c.- Change Order was required because of added and removed work as instructed by the City. Therefore, Adjustment in compensation to the following bid items is granted:

12. Change Order was required to provide adjustment in compensation to bid Item No. 29 "Structural Foam Fill" due to change in character/material quality per revised special provisions added in Bulletin 2.
13. Change Order was required to provide adjustment in compensation to bid Item No. 31a "Waterproofing" due to change in character/material quality per revised special provisions added in Bulletin 2.
14. Change Order was required to provide Credit to the City due to bid Item No. 24 "Prestressing Concrete" adjustment.
15. Change Order was required to provide adjustment in compensation to bid Item No. 78 "Access panels/Manholes" due to change in character per field conditions

PART 2 - DESCRIPTION OF CHANGE

a.- This Change Order provides payment for the increase or decrease in quantity to the following bid items. In accordance with Special provision section 3-2.2.1, the added/reduced quantity does not represent a change in the character of the bid items and payment will be done only for the executed work. Inspection performed field measurements and quantifications for the following items:

1. **Bid Item No. 16** "Construction Area Information Sign"
2. **Bid Item No. 42** "Asphalt Concrete Pavement"
3. **Bid Item No. 55** "6" Diameter PVC SDR-35 Down Spout"
4. **Bid Item No. 78** "Access panels/Manholes"

b.- This Change Order provides payment for the following revised Bid item quantities. These quantities needed to be adjusted due to added work requested by the City in Bulletin 2, Potential Change Orders (PCOs), RFI 125 (4-4" side drains), and RFI 110 (revised stair rail post):

5. **Bid Item No. 29** "Structural Foam Fill" needed to be adjusted per Bulletin 2 changes and PCO#15.12. City of Long Beach instructed the Architect prepare a revised Bridge landscape plan. These plans increased and changed the landscape area, increasing the volume of Structural Foam. Field measurements were taken and agreed for total of 83.68CY. This Change Order increases the bid item quantity by 24.68cy.
6. **Bid Item No. 31a** "Waterproofing" needed to be adjusted per Bulletin 2 changes and PCO#15.14. City of Long Beach instructed the Architect prepare a revised Bridge landscape plan. These plans increased planting area therefore increasing the waterproofing. The Design Architect provided revised quantity from 3-d model. This quantity was agreed by the contractor for a total of 5040sqft. This Change Order increases the bid item quantity by 1040sqft.
7. **Bid Item No. 32** "Structural Steel Canopy" needed to be adjusted to the PCO#23 quantity (RFQ#10 response dated 3/8/17). As instructed by the Design Engineer via RFI#110 the stair rail posts were revised from WT2x6.5 to WT3x7.5. This change generated an increase in the bid item quantity by 146.921LB.
8. **Bid Item No. 38** "Painting" needed to be adjusted to the PCO#23 quantity (RFQ#10 response dated 3/8/17). As instructed by the Design Engineer via RFI#110 the stair rail posts were revised from WT2x6.5 to WT3x7.5. This change generated an increase in the bid item quantity by 20sqft.
9. **Bid Item No. 58a** "Storm Drain to Catch basin connection" needed to be adjusted to the PCO#27 (cost proposal sent via email dated on 3/13/17) and per RFI#125. As instructed by the City, the existing 4-4" side drains were diverted to the catch basin (located at Locust Ave.) to avoid future maintenance issues. The item quantity is increase by 1ea.
10. **Bid Item No. 70** "Landscape Planting 24" box" needed to be adjusted to the PCO#29 (RFQ:Unknown#9 dated 3/10/17). As requested by the City, Landscape Architect revised the type and size of the 36" and 24"-box tree for a non-deciduous variety. Hood's memorandum dated 3/3/17 was approved by the City. This Change Order increases the count by 3ea.
11. **Bid Item No. 72** "Bridge Planting medium" needed to be adjusted per Bulletin 2 changes. City of Long Beach instructed the Architect prepare a revised Bridge landscape plan. These plans increased planting area

as instructed by the City and in accordance with Standard Specification section 3-3.1.

12. Established a new bid item to install the structural foam fill in accordance with the revised specifications. This is an adjustment in compensation to bid Item No. 29 "Structural Foam Fill" due to changes in character/material quality per revised special provisions section 31 23 added in Bulletin 2. PCO#15.12 and 15.13 were submitted by the contractor. Per plan sheets 41 and 42 of the revised construction drawings, the foam fill was replaced by structural foam. In accordance to Special provision section 3-2, an adjustment in compensation (increase) will be made to the contract bid item No. 29.
13. Provide all labor, material, and equipment to install the revised waterproofing membrane in accordance with the revised specifications. This is an adjustment in compensation to bid Item No. 31a "Waterproofing" due to changes in character/material quality per revised special provisions section 07 13 26 added in Bulletin 2. Per plan sheets 44 and 45 of the revised construction drawings, the waterproofing material was changed to a Polyguard system. Contractor requested additional compensation via PCO# 15.14 and 15.15. In accordance to Special provision section 3-2, an adjustment in compensation (increase) will be made to the contract bid item No. 31a.
14. Credit to the City due to bid Item No. 24 "Prestressing Concrete" adjustment. Per Value Engineering Change Proposal (VECP) submitted by Powell on 3/13/17 and approved by the City. The Prestressing strands are changed from epoxy coated to bare strands. In accordance to Special Provision section 3-2, an adjustment in compensation (decrease) will be made to the contract bid item No. 24
15. Provide all labor, material, and equipment to install an additional manhole in the bridge. This is an adjustment in compensation to bid Item No. 78 "Access panels/Manholes" due to change in character per field Conditions. Design Architect requested an additional manhole at the reduced bridge section (GL#5-6) for access to the bridge lighting. Added work was instructed when reinforcing steel was already installed. In accordance with PCO#15.21 (Powell's RFQ:unknown#10), the requested additional manhole generated added work beyond the scope of the bid item 78

PART 3 - CHANGE IN CONTRACT AMOUNT

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

	ADD	DEDUCT
1. Bid Item No. 16 "Construction Area Information Sign" Decrease by 7 ea @ \$700.0/ea		\$4,900.00
2. Bid Item No. 42 "Asphalt Concrete Pavement" Increased by 32TN @ \$350.0/TN	\$11,200.00	
3. Bid Item No. 55 "6" Diameter PVC SDR-35 Down Spout" Decreased by 25 lf @ \$50/lf		\$1,250.00
4. Bid Item No. 78 "Access panels/Manholes" Increased by 1ea @ \$450/ea	\$450.00	
5. Bid Item No. 29 "Structural Foam Fill" Increased by 24.68cy @ \$200.0/cy	\$4,936.00	

9.	Bid Item No. 58a "Storm Drain to Catch basin connectio: \$6,000.00 Increased by 1ea @ 6000.0/ea	
10.	Bid Item No. 70 "Landscape Planting 24" box" Increased by 3ea @ \$500/ea	\$1,500.00
11.	Bid Item No. 72 "Bridge Planting medium" Increased by 42cy @ \$100/cy	\$4,200.00
	SUBTOTAL	\$37,034.83 \$6,150.00
	TOTAL	\$30,884.83

Any adjustment due in accordance with Section 3-2.2.2 "increases of more than 25%" and 3-2.2.3 "decreases of more than 25%" of the special provisions is deferred.

B.-Extra work/ Adjustment in compensation at Agreed Price:

	ADD	DEDUCT
12. Bid Item No. 29 "Structural Foam Fill" Additional cost due to change in character/material quality per revised special provisions added in Bulletin 2. PCO 15.12 and PCO 15.13 - Lump Sum	\$8,449.80	
13. Bid Item No. 31a "Waterproofing" Additional cost due to change in character/material quality per revised special provisions added in Bulletin 2. PCO 15.14 and PCO 15.15 - Lump Sum	\$29,232.64	
14. Bid Item No. 24 "Prestressing Concrete" Credit to project due to Value Engineering Cost Proposal In accordance with Section 4-1.07 of the Standard Specs. - Lump Sum credit.		\$20,000.00
15. Bid Item No. 78 "Access panels/Manholes" Additional cost due to change in character per field Conditions. PCO 15.21-Powell's letter dated on 3/13/17-Ref: Unknown10 - Lump Sum.	\$348.23	
SUBTOTAL	\$38,030.67	\$20,000.00
TOTAL	\$18,030.67	

Net Bid Item quantity adjustment = \$30,884.83

Net Extra work/ Agreed price = \$18,030.67

TOTAL ESTIMATED INCREASE TO CONTRACT COST \$48,915.50


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

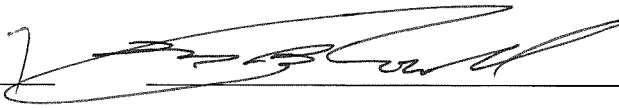
PART 4 - CHANGE IN CONTRACT TIME

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

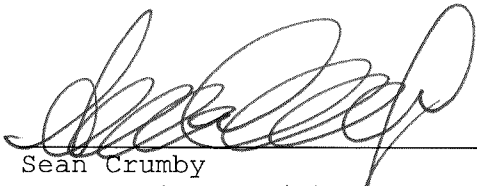
Recommended by:


Approved by:


Eric Lowe
Chief Construction Inspector (Date) 7-31-2017


Contractor-Company Officer (Date) 7-27-17


Marc Wright
Construction Services Officer (Date) 8/1/17


Sean Crumby
Deputy Director/City Engineer (Date) 8/7/17


Project Manager (Date) 7-31-17


Financial Management (Date)
Rec'd 8/14/17

CC: Auditor
Accounting
City Clerk-Originals
Contract Compliance
Engineering Records
Project Development