



CHANGE ORDER(s)

AND /OR

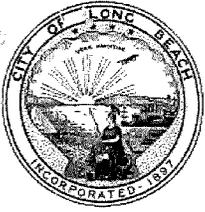
LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER NO. 001
DATED NOVEMBER 8, 2017**

FILED WITH CONTRACT #34503

(BITECH CONSTRUCTION COMPANY, INC)



City of Long Beach Memorandum
Working Together to Serve

Date: 12/22/17
To: Sean Crumby, Deputy Director of Public Works
From: Eric Lowe, Chief Construction Inspector
Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

PROJECT: Willow Springs Wetlands Restoration
CONTRACTOR: Bitech Construction Company
CCO#: 1
ORIGINATED FROM: Project Development
SOURCE OF FUNDING: CIP Projects
REASON: See Attached
COST (CCO#): \$ 10,141.00
TOTAL AMOUNT OF
CCO'S TO DATE
(INCLUDING PROPOSED) \$ 10,141.00
ORIGINAL CONTRACT: \$ 1,371,926.00
APPROVED
CONTINGENCY (10%) \$ 137,192.60
ORIGINAL CONTRACT
+ CONTINGENCY
(NOT TO EXCEED) \$ 1,509,118.60
PERCENT (%) OF
ORIGINAL CONTRACT
AMOUNT 0.7%

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

Bitech Construction Company
Lincoln Avenue, Suite A-6
Cypress, CA 90630

DATE: 11/08/2017
R-7063
CONTRACT NO.: 34503
PROGRAM NO.: PR3070-25

PROJECT: Willow Springs Wetlands Restoration

CONTRACT CHANGE ORDER AUTHORIZATION NO. 01

PART 1 REASON FOR CHANGE

- 1.1 Change order required for Upsizing of the irrigation main line because of request by the Parks Department to meet minimum standards. Pipe main line increased from 2" to 2-1.2" typical throughout.
- 1.2 Change order required for the repair of unknown oil line exposed during the excavation of the new irrigation mainline. The line was struck by a trenching machine during the digging process. Additional labor to pothole the new line was also required at this time.
- 1.3 Change order required for relocation of mulch which had been stockpiled within the work area. The City requested the contractor relocate the mulch pile to expedite the construction process.
- 1.4 Change order required for locating, capping and removing unknown oil lines found during the removal of mulch from the upper basin area because the lines were impacting the grading and installation of irrigation and plants in the area.
- 1.5 Change order required for exposing and removal of unknown 24" diameter storm drain found during the grading operations at the lower basin. The removal; was required to reduce impact of the grading and planting to occur in the area.
- 1.6 Change order required for the removal of several unknown oil lines uncovered north of the lower basin. The cluster of oil lines required cleaning and removal of surplus liquids prior to capping and removal.
- 1.7 Change order required to add additional pipe railing to the project per Bid Item No. 25.
- 1.8 Change order required due to the corresponding work to widen California Avenue, the Contractor was required to install additional temporary fence.
- 1.9 Change order required to update the check dams per the City's request.
- 1.10 Change order required to reduce the efforts of Irrigation - Bid Item No. 29 and remove the efforts for installation of the rabbit fencing.
- 1.11 Change order required to remove soils near new fence at the detention basin it was not identified in the original scope of work.

PART 2 DESCRIPTION OF CHANGE

2.1 PCO 01 Bid Item 29 – Irrigation: the irrigation main line was upsized from 2" to 2-1/2" to meet the Parks standards. The Contractor provided a cost based on the unit pricing in Bid Item 29 for a lump sum cost which was reviewed and subsequently approved by the City.

Additional Cost **\$ 950**

2.2 PCO 02a - Repair of unknown oil line exposed during the excavation of the new irrigation main. This line was not identified by USA and subsequent investigations determined it to be an unknown oil line. The Contractor was then required to pothole the irrigation main line to prevent further impacts. The pot holing efforts and line repair by RP Vititow was performed on T&M and the work was observed and approved by the City.

Extra Work Unknown Oil Line – Cut & Cap **\$ 783**

2.3 PCO 02b - Relocate mulch pile impacting Contractor Operations: The City requested that the Contractor relocate a large stockpile of mulch from the upper basin area to the upper parking areas. The work was performed on time and material and a final cost was agreed upon by all the City.

Extra Work / Lump Sum **\$1,218**

2.4 PCO 03a -Locate and remove unknown oil lines found during the removal of mulch from the upper basin area. The lines were cut and capped by RP Vititow. The work was performed on time and material and a final cost was agreed upon by all the City.

Extra Work / Unknown Oil Line **\$2,963**

2.5 PCO 03b - Exposure and removal of unknown 24" diameter storm drain exposed during the grading operations at the lower basin. This line was not identified by USA and subsequent investigations determined it to be an old storm drain line from a previously existing basin. The line was removed and the surrounding soils were soft and yielding requiring over-excavation for proper re-compaction. This work was performed by the Contractor on a time and material. The base costs were discussed and a final lump sum value was agreed to by all parties.

Extra Work / Unknown Storm Drain Removal **\$2,838**

2.6 PCO 03c - Removal of several unknown oil lines uncovered north of the lower basin. These lines were not identified by USA and subsequent investigations determined them to be unknown oil lines. The lines were opened and a vacuum truck removed fluids from the lines. These lines were then capped and the cut sections were removed from the work area. This work was performed by RP Vititow on T&M and overseen and approved by the City.

Extra Work / Unknown Oil Line Removal **\$7,246**

2.7 Bid Item 25 – Reclaimed Pipe Railing: Additional pipe railing was added to the project at the request of the City. The Contractor provided a lump sum cost estimate based on the unit bid item value which was reviewed and subsequently approved by the City.

Additional Cost **\$2,837**

2.8 PCO 09 - Temporary Fence at California Ave: Due to the corresponding work to widen California Avenue, the Contractor was required to install additional temporary fence. The Contractor provided a lump sum cost for this effort. The City has agreed to the additional costs.

Extra Work / Lump Sum **\$1,585**

2.9 PCO 06 – Modifications on the construction and details on the check dams was requested by the City. The contractor reconstructed some of the check dams to meet this additional requirement. The City has agreed to the lump sum costs.

Extra Work / Lump Sum **\$3,552**

2.10 PCO 10 – The City requested a reduction of Bid Item 29 – Irrigation; to remove the Rabbit Fencing. The contractor provided a credit for this work which was evaluated and accepted by the City for \$21,000.

Credit Lump Sum **(\$21,000)**

2.11 PCO 04 This payment includes costs for the added labor and equipment to remove soils which accumulated at the fence line in the area of the new fence. The City agree to a final lump sum cost.

Extra Work / Lump Sum **\$7,169**

PART 3 CHANGE IN CONTRACT AMOUNT

- A. BID ITEM QUANTITY ADJUSTMENTS
 - (NONE/ OR LIST QUANTITY)

- B. EXTRA WORK/ADJUSTMENT IN COMPENSATION AT AGREED PRICE

In accordance with procedures for changes in the work established in the specifications, you are authorized to do the following.

SECTION A – BID ITEM QUANTITY

- 3.7 This payment includes costs for additional Reclaimed Pipe Railing per Bid Item No. 25. Additional pipe railing was added to the project at the request of the City Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$2,837. (In relation to 1.7 & 2.7).

- 3.10 This payment includes a credit for the reduction of Bid Item No. 29- Irrigation; to remove the Rabbit Fencing. Provide all labor, materials, equipment, and installations of the **credit** items, as directed by the Project Manager, for the (*lump sum credit*) of (\$21,000). (In relation to 1.10 & 2.10).

SECTION B – EXTR WORK AT AGREED TO PRICES

- 3.1 This payment includes costs for 2-1/2" schedule 40 PVC pipe and irrigation control wire. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$ 950 (In relation to 1.1 & 2.1)

- 3.2 This payment includes costs labor impacts, use of an emergency subcontractor to perform pipe repairs. Provide all labor, materials, equipment, on time and material (T&M) and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$ 783. (In relation to 1.2 & 2.2)

- 3.3 This payment includes costs for relocating a pile of mulch from the upper basin area to the upper parking lot. Provide all labor, materials, equipment, on T&M, as directed by the Project Manager, for the (lump sum cost) of \$,1218. (In relation to 1.3 & 2.3)

- 3.4 This payment includes costs for locating, capping and removing several oil lines in the upper basin area. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$2,963. (In relation to 1.4 & 2.4)

- 3.5 This payment includes costs for exposing, removing and re-grading of an area of an unknown 24" storm drain. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$2,838. (In relation to 1.5 & 2.5)

- 3.6 This payment includes costs for exposing, removal of surplus liquids, and capping of multiple oil lines. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$7,246. (In relation to 1.6 & 2.6).

- 3.8 This payment includes costs for the added temporary fence required due to the adjacent work on California Avenue. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$1,585. (In relation to 1.8 & 2.8).

- 3.9 This payment includes costs for the added labor and material to reconstruct some of the check dams at the request of the City. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$3,552. (In relation to 1.9 & 2.9).

- 3.11 This payment includes costs for the added labor and equipment to remove soils which accumulated at the fence line in the area of the new fence. Provide all labor, materials, equipment, and installations of the additional items, as directed by the Project Manager, for the (lump sum cost) of \$7,169. (In relation to 1.11 & 2.11).

- Net Bid Item Quantity Adjustment	= (\$18,163.00)
- Net Extra Work/ Agreed Price	= \$28,304.00
- Net to Contract Cost	= \$10,141.00

PART 4 CHANGE IN CONTRACT TIME

Time for completion of all work under the contract will be extended 120 Working Days Beyond the Deputy Director/ City Engineer's Signature.

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 of Long beach 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.

Recommended By:



Chief Construction Inspector (Date) 1-4-2018



Construction Services Officer (Date) 1-4-2018

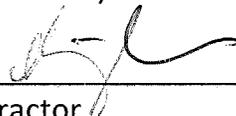


Project Manager (Date) 1-8-18



Meredith Reynolds (Date) 1/25/18
Project Manager

Approved By:



Contractor (Date) 1/5/18



Deputy Director/City Engineer (Date) 1/25/18



Financial Management (Date) 2-1-18