

CHANGE ORDER(s)

AND/OR

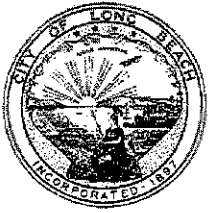
LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 002
DATED OCTOBER 14, 2017**

FILED WITH CONTRACT #34537

(LOS ANGELES ENGINEERING, INC)



City of Long Beach Memorandum
Working Together to Serve

17 DEC 14 PM 3:17

100-44188-0000

Date:

To: Sean Crumby, Deputy Director of Public Works

From: Eric Lowe, Chief Construction Inspector

Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

PROJECT: Admiral Kidd Park

CONTRACTOR: LA Engineering

CCO#: 2

ORIGINATED FROM: Project Development

SOURCE OF FUNDING: CIP Projects

REASON: See Attached

COST (CCO#): \$ 56,597.02

ORIGINAL CONTRACT: \$ 1,418,136.00

APPROVED
CONTINGENCY (10%) \$ 141,813.60

ORIGINAL CONTRACT
+ CONTINGENCY
(NOT TO EXCEED) \$ 1,559,949.60

PERCENT (%) OF
CONTINGENCY USED IN
CHANGE ORDERS TO DATE
(INCLUDING PROPOSED) 87.8%

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

Los Angeles Engineering
633 N. Barranca Ave.
West Covina, CA 91723

Date: October 14, 2017
R- 7024
Contract No.: 34537
Program No.: PW3170-07

PROJECT: Admiral Kidd Park Field Turf Project

CONTRACT CHANGE ORDER AUTHORIZATION NO. 2

PART 1 (Reason for Change)

- 1.1 Change Order was required because of soccer field dimension clarifications that were issued in Bulletin No. 001 on 3-1-17. Bulletin No. 001 included revised construction plan drawing sheet L-1.01 which clarified soccer field dimensions.
- 1.2 Change Order was required because of drawing clarifications to bid set of plans for relocation of field entry plaza and perimeter revised catch basin locations issued in Bulletin No. 002 on 3-30-17. Revisions to drawings included a reduction in the cross slope of the field entry plaza to be a maximum of 2% per ADA and the relocation of catch basins to reduce slope between field elevation and top of catch basins. Request for Proposal (RFP) No. 002 was issued by the City of Long Beach Construction Management/Program Management (CM/PM) Team requesting cost proposal for changes to drawings designated in Bulletin No. 002. Drawing revisions included C-3.1 Sheet 5 – Precise Grading Plan: relocation of field entry plaza to the East and the relocation of two catch basins to reduce slope between the field edge and the catch basins. L-1.01 Sheet 7 – Construction Plan: gates at entry plaza to open 180 degrees to clear ADA path of travel. L-3.01 Sheet 10 – Irrigation Plan: revision to irrigation plan based on the relocation of the field entry plaza.
- 1.3 Change Order was required due to response the RFI No. 003 and subsequent Bulletin No. 003 which changed the goal and net size from the specified 12 ft. wide to an 18 ft. wide goal. The goal size was revised to conform with the larger field dimensions.
- 1.4 Change Order was required based on RFP No. 006 direction for the contractor to provide pipe sleeves for existing irrigation lines, sprinkler heads and gate valve discovered during excavation work for the installation of the new picnic table concrete pads. There was no as-built information provided for these lines and there was no information shown on the construction documents. The Contractor was directed to install pipe sleeves on a time and material basis for these newly discovered irrigation lines which will most likely require replacement in the future.
- 1.5 Change Order was required based on response to RFI No. 009 and subsequent RFP No. 007 which directed contractor to relocate existing control wiring and junction

boxes discovered during rough grading activities in the North-West corner of the field. The two discovered junction boxes would need to be replaced and relocated to a position approx. 3'-0" to the north of their current location and the control wiring shall be routed between the two new junction boxes to complete the circuits. There was no as-built information provided for these two junction boxes and control wiring and there was no information shown on the construction documents.

- 1.6 Change Order was required based on RFP No. 008 direction for the Contractor to relocate and cap off existing irrigation main lines located in the center of the field and along the southern border that were uncovered during rough grading activities. The existing line in the center of the field is to be cut and capped off at a point west of the new storm drain along the west side of the new field with the old pipe to be abandoned in place. The existing irrigation line and control wiring uncovered on the southern border of the field is to be relocated in kind just south of the new storm drain piping to be installed in this area. There was no as-built information provided for these existing irrigation main lines and associated control wiring and there was no information shown on the construction documents.
- 1.7 Change Order was initiated by RFI No. 015 where the Contractor advised that the specified St. Augustine natural turf was on back-order and could possibly delay the schedule and requested a substitute. Per Project Manager's direction, Design Team's response to RFI No. 015 directed contractor to substitute St. Augustine sod with Bandera Bermuda sod, which also coincided with the Parks and Recreation Maintenance staff's preference for sod type. Per direction from City of Long Beach Construction Management/Inspection Division, the original schedule of value line item No. 26 for the St. Augustine sod would remain unused and a new line item for the Bandera Bermuda sod is to be added under Change Order No. 2. The net difference between the St. Augustine sod under line item No. 26, not to be used, and the new Bermuda sod line item under Change Order No. 2 will be a credit for the City. This credit will be reflected in the value for contract line item No. 26 remaining unused.
- 1.8 Change Order was required based on RFP No. 010 direction for the contractor to relocate 100 feet of existing irrigation main line and associated 14 control wires near the existing field light in the northeast section of the project to a location just north of the new turf curb. Main line and associated control wires were discovered during grading activities for the field. There was no as-built information provided for these existing irrigation main lines and associated control wiring and there was no information shown on the construction documents.
- 1.9 Change Order was required based on RFP No. 011 direction for the contractor to procure and install two additional pull boxes along the run shown for the new electrical circuit LA-38 shown on Sheet E-1.01/17 of 19. Contract documents did not identify any pull boxes along the run of circuit LA-38, but the PM/CM Team and Inspection all agreed that pull boxes were needed to correctly install new electrical run.
- 1.10 Change Order was required based on RFP No. 012 direction for the contractor to repair and relocate existing area lighting electrical conduit that was damaged during the excavation for the foundations for the fence posts on the curved section at the southeast corner of the project. The conduit must be repaired and relocated so that

it is outside the fence line away from the new fence foundations. There was no as-built information provided for the conduit and existing wiring and there was no information shown on the construction documents.

PART 2 (Description of Change)

2.1 Provide all labor, materials and equipment to account for revised soccer field dimensions issued in Bulletin No. 001 on revised drawing Sheet L-1.01.

2.2 Provide all labor, materials and equipment to account for changes directed to the field entry plaza location and field catch basins as identified in revisions to drawings C-3.1 Sheet 5 - Precise Grading Plan, L-1.01 Sheet 7 - Construction Plan and L2.01 Sheet 10 - Irrigation Plan.

2.3 Provide all labor, materials and equipment to replace specified 12 ft. goal and net size with a new 18 ft. wide goal. Change will be the delta between the contract cost for the 12 ft. goal and the additional cost for the new 18 ft. goal.

2.4 Provide all labor, materials and equipment to install pipe sleeves for existing irrigation lines discovered during excavation activities for the new picnic table concrete pads. Contractor was directed to proceed with installation of the pipe sleeves on a time and material basis to not delay the excavation activities currently proceeding adjacent to the newly discovered lines.

2.5 Provide all labor, materials and equipment to procure two new junction boxes and install/relocate approximately 3'-0" to the north of the current position of the existing boxes discovered. New control wiring will be routed between the two new junction boxes to complete the circuits. Contractor was directed to proceed with the procurement and installation of the new junction boxes and control wiring on a time and material basis to not delay the rough grading activities.

2.6 Provide all labor, materials and equipment to relocate and cap off existing irrigation main lines and control wiring discovered in the center and the southern border of the new field location.

2.7 Provide all labor, materials and equipment to install 25,360 sf. of Bandera Bermuda sod.

2.8 Provide all labor, materials and equipment to relocate 100 feet of existing irrigation main line and associated 14 control wires near the existing field light in the northeast section of the field to a new location just north of the new turf curb.

2.9 Provide all labor, materials and equipment to procure and install two additional pull boxes along the run shown for the new electrical circuit LA-38 shown on Sheet E-1.01/17 of 19.

2.10 Provide all labor, materials and equipment to repair and relocate existing electrical conduit and wires that were damaged during excavation for the fence post foundations at the southeast corner of project.

PART 3 CHANGE IN CONTRACT AMOUNT

A. BID ITEM QUANTITY ADJUSTMENTS

- N/A

B. EXTRA WORK/AGREED PRICE

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

1. Provide all labor, materials and equipment to account for revised soccer field dimensions issued in Bulletin No. 001 on revised drawing Sheet L-1.01, as directed by the Project Manager,
for the lump sum cost of.....\$ 0.00
2. Provide all labor, materials and equipment to account for changes directed to the field entry plaza location and field catch basins as identified in revisions to drawings C-3.1 Sheet 5 - Precise Grading Plan, L-1.01 Sheet 7 - Construction Plan and L2.01 Sheet 10 - Irrigation Plan, as directed by the Project Manager,
for the lump sum cost of.....\$ 1,964.00
3. Provide all labor, materials and equipment to replace the contract specified 12 ft. wide goal and net size with a new 18 ft. wide goal, as directed by the Project Manager,
for the lump sum cost of.....\$ 2,097.76
4. Provide all labor, materials and equipment to install pipe sleeves adjacent to the unforeseen irrigation lines discovered during excavation activities for the picnic table concrete pads, as directed by the Project Manager,
for the time and material cost of.....\$ 3,807.77
5. Provide all labor, materials and equipment to procure and install two new junction boxes and route new control wiring between the new junction boxes to complete the circuit, as directed by the Project Manager,
for the time and material cost of.....\$ 2,321.49
6. Provide all labor, materials and equipment to relocate and cap off existing irrigation main lines and control wiring discovered in the center and the southern border of the new field, as directed by the Project Manager,
for the lump sum cost of.....\$ 9,436.00
7. Provide all labor, materials and equipment to install 25,360 sf. of Bandera Bermuda sod, as directed by the Project Manager,
for the lump sum cost of.....\$ 27,440.00

- 8. Provide all labor, materials and equipment to relocate 100 feet of existing irrigation main line and associated 14 control wires near the existing field light in the northeast section of the field, as directed by the Project Manager,
for the lump sum cost of.....\$ 5,913.00

- 9. Provide all labor, materials and equipment to procure and install two additional pull boxes along the run shown for the new electrical circuit LA-38 shown on Sheet E-1.01/17 of 19, as directed by the Project Manager,
for the lump sum cost of.....\$ 725.00

- 10. Provide all labor, materials and equipment to repair and relocate existing electrical conduit and wires that were damaged during excavation for the fence post foundations at the southeast corner of project, as directed by the Project Manager,
for the lump sum cost of.....\$ 2,892.00

- Net Bid Item Quantity Adjustment = \$0.00
- Net Extra Work / Agreed Price = \$56,597.02
- Net to Contract Cost = \$56,597.02

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.

