

CHANGE ORDER(s)

AND /OR

LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 001
DATED JULY 5, 2017**

FILED WITH CONTRACT #34403

(R J DAUM CONSTRUCTION COMPANY)



long beach
airport

ENGINEERING DIVISION
4100 E. Donald Douglas Drive, Floor 2
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C34

MEMORANDUM

ORIGINAL

Date: July 5, 2017
To: Jess L. Romo, A.A.E, Director, Long Beach Airport
From: *AT* Ambi Thurai, P.E., Engineering Officer, Long Beach Airport
Subject: **CONTRACT CHANGE ORDER TRANSMITTAL MEMO**

PROJECT: AP-1210-02: R-7051 Long Beach Airport
Improvements to Garage (Lot A).
Long Beach Contract No. 34403

CCO #: 001

ORIGINATED FROM: AIRPORT ENTERPRISE FUND (EF320)

SOURCES OF FUNDING: 1. GENERAL AIRPORT REVENUE
SF006, INDEX APCIPEF: **\$301,834.62**

**FUNDING ELIGIBILITY
BY ITEM:** 100% APCIPEF

REASON: SEE ATTACHED

COST:

ORIGINAL CONTRACT:	\$3,932,979.00
CCO #1	\$301,834.62
TOTAL CHANGE ORDERS:	\$301,834.62
PERCENTAGE (%) CHANGE:	7.7%

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

To: R.J. Daum Construction
11581 Monarch Street
Garden Grove, CA 92841-1814

Date: July 5, 2017
R- 7051
Contract No.: 34403
Program No.: AP1210-0240

PROJECT: LONG BEACH AIRPORT IMPROVEMENTS TO GARAGE (LOT A)

CONTRACT CHANGE ORDER AUTHORIZATION NO. 001

PART 1. REASON FOR CHANGE

- 1.1 Bid Item # 20 LED Improvement Allowance is deleted. A proposal for actual cost of furnishing and installing LED lighting fixtures was provided by contractor. The contract amount will be adjusted by Change Order Item #2.
- 1.2 Change Order was required to compensate for actual cost of furnishing and installing LED lighting fixtures which exceeds Allowance allotted in Bid Item # 20.
- 1.3 Existing light pole standards are shown on plans to be re-used. Light poles are rusted and Airport requested sandblasting and painting of one (1) light standard as a demonstration sample to determine if aesthetically acceptable.
- 1.4 Airport requested that bottom stair orientation as indicated facing south on plans be turned westbound towards the Airport terminal to improve pedestrian traffic flow and public convenience.
- 1.5 Airport preparing in the event capacity of Parking Lot B is exceeded during the construction and closure of Parking Lot A. Contractor is directed to remove an existing 4' high, 150' long fence in the airfield to accommodate potential overflow of employee cars.
- 1.6 Contractor was requested to provide data/internet service not listed in the Project Specifications for the Engineer's field office.
- 1.7 Contractor was requested to paint all exterior facing walls, exterior columns, exterior walls of spandrels, exterior walls of blocks, interior beams, interior columns, interior spandrels, interior walls and interior walls of stairwells, and all metal doors and frames in Lot A Garage.
- 1.8 Existing sidewalk within the pedestrian overhead canopy was too narrow for passenger convenience. Airport requested contractor to widen the existing sidewalk by adding an additional two (2) feet wide concrete pavement to allow for two-way pedestrian traffic to the terminal.

- 1.9 Removal of existing concrete filled bollards not identified in the plans for removal, was necessary to improve pedestrian access and pedestrian traffic flow.
- 1.10 Two (2) additional directional arrows not shown on approved traffic plans were necessary to improve pedestrian access and pedestrian traffic flow.
- 1.11 Relocation of existing bus shelter to a temporary location was necessary to allow for construction of new bus pad at Barbara London Drive and continued operation of the bus.
- 1.12 Six (6) existing concrete columns were not identified on plans for demolition but were in the way of proposed elevator improvements.
- 1.13 Existing main electrical duct bank was not identified on the project plans for relocation, but crossed directly under proposed elevator foundations footprint.
- 1.14 Tripping hazards in various locations of existing pedestrian walkways were identified. Airport requested contractor to grind and patch tripping hazards.
- 1.15 Differing site conditions were encountered during demolition. Existing four (4) foot thick reinforced concrete foundations not identified at project plans, were encountered in the way of proposed stairway foundations.
- 1.16 Sample lighting fixtures were submitted by suppliers as demonstration samples. Contractor was requested to hang and furnish temporary electrical power to fixtures at the parking structure at various locations to compare samples and measure lighting output.
- 1.17 Demolition plans did not identify removal of one (1) foot wide asphalt slot cut along the edge of proposed concrete bus pad. Public Works Inspector directed contractor to provide asphalt slot cut to ensure smooth transition from concrete bus pad edge to asphalt pavement.
- 1.18 Existing temporary construction fence adjacent to the rental car parking lot is weighed down with sandbags along the alignment to reduce the potential of fence falling on to parked cars or passerby's due to wind force. Sandbags along the alignment may create tripping hazards and contractor was directed to remove the fence alignment and the sandbags and replace with 45 units purchased to own water filled k-rail.

PART 2. CHANGE IN CONTRACT AMOUNT

A. BID ITEM QUANTITY ADJUSTMENTS

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

- 2.1 Delete contract Bid Item #20, LED Improvements Allowance,
as directed by the Project Engineer,
for the estimated cost of \$200,000.00

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:

- 2.2 Provide all labor, materials and equipment to furnish and install two hundred fifteen (215) CREE lighting fixtures and twenty (20) Leotek lighting fixtures per approved submittals,

as directed by the Project Engineer,
for the lump sum cost of \$211,191.71

- 2.3 Provide all labor, materials and equipment to remove rust by sandblasting one (1) existing rooftop light pole,

as directed by the Project Engineer,
for the lump sum cost of \$2,198.34

- 2.4 Provide all labor, materials and equipment to fabricate and reinstall stair landing and risers to suit revised orientation of stair landing and stair stringers per revised plans,

as directed by the Project Engineer,
for the lump sum cost of \$12,428.10

- 2.5 Provide all labor, materials and equipment to remove 4' high, 150' long fence line within the airfield to create additional parking space for employees while Lot A is closed.

as directed by the Project Engineer,
for the lump sum cost of \$2,161.30

- 2.6 Provide all labor, materials and equipment for connection and use of internet service for the Engineering Field Office,

as directed by the Project Engineer,
for the lump sum cost of \$722.15

- 2.7 Provide all labor, materials and equipment for painting all exterior facing walls, exterior columns, exterior walls of spandrels, exterior walls of blocks, interior beams, interior columns, interior spandrels, interior walls and interior walls of stairwells, and all metal doors and frames in Lot A Garage,

as directed by the Project Engineer,
for the lump sum cost of \$193,276.23

In accordance with Section 3-3, Extra Work of the Standard Specifications For Public Works, 2012 Edition, you are authorized to do the following:

- 2.8 Provide all labor, materials and equipment to widen existing concrete sidewalk by an additional 2 feet wide to provide for two-way pedestrian traffic at north west access of parking structure adjacent to car rental trailers,

as directed by the Project Engineer,
for the estimated cost of \$4,430.01

- 2.9 Provide all labor, materials and equipment to remove and dispose three (3) existing concrete filled metal bollards at the east end of pedestrian crosswalk from the Airport Terminal,

as directed by the Project Engineer,
for the estimated cost of \$549.62

- 2.10 Provide all labor, materials and equipment to paint two (2) additional directional arrows at asphalt pedestrian walkway,

as directed by the Project Engineer,
for the estimated cost of \$263.85

- 2.11 Provide all labor, materials and equipment to relocate existing bus shelter to a temporary location at the south end of Barbara London Drive,

as directed by the Project Engineer,
for the estimated cost of \$1,326.88

- 2.12 Provide all labor, materials and equipment to demolish and dispose six (6) existing short concrete columns and embeds on various floors of the parking structure not identified on the project plans,

as directed by the Project Engineer,
for the estimated cost of \$1,933.29

- 2.13 Provide all labor, materials and equipment to re-route existing main electrical duct bank in the way of new elevator footings not identified in the project plans. Work includes installation of new electrical conduits and wiring, including two (2) additional conduits for future use,

as directed by the Project Engineer,
for the estimated cost of \$34,222.22

- 2.14 Provide all labor, materials and equipment to grind smooth and patch existing tripping hazards within the public pedestrian right of way,

as directed by the Project Engineer,
for the estimated cost of \$829.02

In accordance with Section 3-3, Extra Work of the Standard Specifications For Public Works, 2012 Edition, you are authorized to do the following:

- 2.15 Provide all labor, materials and equipment to sawcut, demolish and dispose of four (4) foot thick reinforced concrete footing at existing elevator and stairwell foundation not identified on project plans,

as directed by the Project Engineer,
for the estimated cost of \$9,968.62

- 2.16 Provide all labor, materials and equipment to hang and provide temporary electrical power to eight (8) LED sample lighting fixtures,

as directed by the Project Engineer,
for the estimated cost of \$2,828.48

- 2.17 Provide all labor, materials and equipment to extend limits of removal and provide a one (1) foot wide asphalt slot cut at new bus pad perimeter,

as directed by the Project Engineer,
for the estimated cost of \$913.51

- 2.18 Provide all labor, materials and equipment to remove existing temporary construction fence on rental car lot and replace with purchased 45 water filled k-rail units to remove potential tripping hazard and increase safety along passenger walkway,

as directed by the Project Engineer,
for the estimated cost of \$22,591.29

NET BID ITEM QUANTITY ADJUSTMENT	(\$200,000.00)
NET EXTRA WORK/ AGREED PRICE	\$501,834.62
TOTAL CHANGE TO CONTRACT COST	\$301,834.62

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 claim of the contractor for delays or extra compensation resulting from performance of the requirements of this change order.

PART 3. CHANGE IN CONTRACT TIME

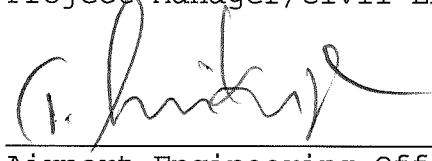
TIME FOR COMPLETION OF ALL WORK UNDER THE CONTRACT WILL NOT BE EXTENDED.

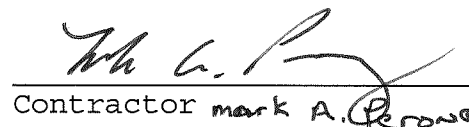
Recommended by:

Approved by:

 Stephanie Gunawan-Priawaner. 7/6/17
Project Manager/Civil Engineer (Date)

 7/10/17
Airport Director (Date)

 7/7/17
Airport Engineering Officer (Date)

 7/6/17
Contractor mark A. Perong (Date)

Funds are available for this purpose:


Financial Management (Date)