



CHANGE ORDER(s)

AND /OR

LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 002
DATED SEPTEMBER 28, 2017**

FILED WITH CONTRACT #34403

(R J DAUM CONSTRUCTION COMPANY)

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: September 28, 2017
R- 7051
Contract No.: 34403
Program No.: AP1210-0240

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

CONTRACT CHANGE ORDER AUTHORIZATION NO. 002

PART 1. REASON FOR CHANGE

- 1.1 Contract documents require Contractor to provide and pay for temporary water supply needed for construction. The Contractor requested to connect to the Long Beach Airport potable water supply because no temporary connections were available. Credit change order was requested.
- 1.2 Contract documents required two (2) elevator equipment rooms complete with mechanical, electrical, and plumbing equipment on the east and west sides of the elevator tower. Contractor requires all elevator equipment be installed in the east elevator equipment room. Project Engineer directed Contractor to block off and eliminate the west equipment room. Credit change order was requested for cost savings.
- 1.3 Contract documents required Contractor furnished field office trailer for use of the City Project Engineer to be 12' x 60'. Contractor requested to provide a smaller 12' x 40' temporary office trailer because of limited staging area available. Credit was requested for reduction in size of office trailer.
- 1.4 Contract documents show existing irrigation control valves at vicinity of new East exit to be salvaged and relocated. During relocation, two (2) control valves were determined to be deteriorated and needed to be replaced with new control valves.
- 1.5 Project plans show existing trees around the perimeter of the parking structure to remain. Airport staff requested removal of twenty six (26) existing trees to allow for sidewalk repairs and future landscape improvements.
- 1.6 Airport requests that existing illumination at the new vehicle exit to Barbara London Drive be increased. Contractor was requested to provide additional conduit run and two (2) additional light fixtures at the new East exit.
- 1.7 A fire rated access enclosure for elevator smoke detector maintenance at the elevator tower was not shown on the project plans, but is required to comply with fire code requirements.

- 1.8 Existing gap between the sidewalk and the construction fence along the pedestrian walkway to the Airport Terminal was a potential tripping hazard. It was necessary to frame and install a plywood platform to match existing adjoining sidewalk grade to eliminate tripping hazard.
- 1.9 Numerical value for Change Order # 1 item 17, was entered in error. Correct cost = \$ 1,913.51 instead of \$ 913.51. Adjustment in estimated cost is necessary to correct error.
- 1.10 Additional sawcutting, demolition and disposal of existing deteriorated AC pavement was necessary to meet new grades of adjacent concrete pavement at new vehicle exit to Barbara London Drive.
- 1.11 Top course of existing masonry wall at electrical room was cracked and split face masonry block broken. Contractor was directed to perform repairs to the cracked wall as necessary.
- 1.12 Contractor was directed to install galvanized sheet metal counter flashings not shown on the project plans at various locations around concrete curb at deck landings to elevator tower to prevent water intrusion.
- 1.13 During the installation of pipe bollards, existing slab reinforcing and post tension cabling were encountered in the way of bolt installation. It was necessary to make various field adjustment in location of bolts and installing epoxy anchors as needed in various locations.
- 1.14 Project Plans specified replacement of two hundred and fifteen (215) interior fixtures. Field count indicated there were two hundred and twenty one (221) interior fixtures that needs to be replaced. Contractor was requested to furnish and install six (6) additional light fixtures.
- 1.15 Contractor was requested to paint twenty (20) existing light poles on roof level of structure. Existing light poles are significantly rusted and Airport requested sanding and painting of light poles to match the surrounding newly painted walls and columns.
- 1.16 Contract documents show existing concrete sidewalks to remain at various locations around the perimeter of the parking structure. Existing sidewalks are shown to be within the ADA path of travel, however, field measurements indicate that the cross slopes exceed ADA requirements. Removal and replacement of sidewalks are required to meet ADA requirements.
- 1.17 Emergency intercom and fire extinguisher box mounted on the roof level of the now-demolished elevator tower will need to be re-installed at existing roof-level 3-ft-tall columns. Installing the boxes directly on the short columns does not comply with the mounting height required by ADA guidelines. The columns need to be extended to provide for the proper mounting height for the two equipment.
- 1.18 Project Plans specify 12"x24"x3/8" porcelain tile manufactured by Daltille that has been discontinued. Contractor was directed to provide an alternative 20"x40"x0.2" Cotto D'Este Kerlite tile. Per manufacturer's recommendation, the larger tiles need to be cut to smaller sizes to reduce cracking potential. Contractor was directed to cut tiles to 10"x20" to reduce waste materials.

- 1.19 Flow line elevations at the new East exit has to be corrected to provide adequate drainage to the new catch basin. Contractor is directed to reconstruct approximately 13' of existing curb, gutter, and cross gutter.
- 1.20 To accommodate the new stair orientation, it is necessary to widen the west sidewalk to maintain ADA compliance. Pavement at taxi exit lane also requires reconstruction to maintain drainage for the site and create an even surface matching the pavement around the new elevator tower.
- 1.21 Contractor was directed to construct soffit at ground level, level 2, and 3 of the structure to aesthetically conceal exposed concrete slab edges and steel tubes and bolts from the new metal stair way.
- 1.22 Existing fire extinguisher and hose cabinets are significantly weathered and corroded. Contractor was requested to remove existing and procure and install new cabinets matching existing model and type.
- 1.23 Existing two (2) fenced-in storage areas within the parking structure are deemed no longer necessary. Contractor was requested to perform fence removal and disposal of the old fence materials.
- 1.24 Existing wayfinding signs within the parking structure are outdated and will be covered by new paint. Contractor was directed to provide new wayfinding signs per developed plans to update existing signs and provide clear directional guides for vehicles and passengers.
- 1.25 Project plans show the north portion of the parking structure ground level to be restriped as the ADA pathway from the north ADA parking stalls to the Terminal. Field measurements of the AC surface indicate cross slopes along the pathway exceed ADA requirements. It is necessary to perform grind and overlay of the subject AC surface per developed plans to comply with ADA requirements.

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 Provide credit for Contractor's water usage for the duration of the project

as requested by the Contractor,
for the lump sum credit of (\$2,883.45)
- 2.2 Provide credit to delete all Mechanical, Electrical and Plumbing equipment from the west elevator equipment room and utilize the east elevator equipment room only,

as directed by the Project Engineer,
for the lump sum credit of (\$20,982.16)

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

- 2.3 Provide credit for reduction of the Project Engineer's trailer size from 12' x 60' to 12' x 40' for the duration of the project as requested by the Contractor, for the lump sum credit of (\$1,000.00)

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:

- 2.4 Provide all labor, materials and equipment to remove and replace two (2) existing deteriorated irrigation control valves at the east exit shown on the plans to be salvaged and relocated, as directed by the Project Engineer, for the lump sum cost of \$634.00
- 2.5 Provide all labor, materials and equipment to remove and dispose twenty six (26) trees around the perimeter of the parking structure as identified on PCO 29. Grind tree stumps, provide adequate traffic control, and perform all work at night after 10:00 PM, as directed by the Project Engineer, for the lump sum cost of \$31,994.69
- 2.6 Provide all labor, materials and equipment to furnish and install two (2) new light fixtures at new vehicle exit to Barbara London Drive not shown on plans, as directed by the Project Engineer, for the lump sum cost of \$3,733.62
- 2.7 Provide all labor, materials and equipment to fabricate and install 12" x 12" x 11" fire rated access enclosure for elevator smoke detector at elevator tower not shown on plans, as directed by the Project Engineer, for the lump sum cost of \$880.96
- 2.8 Provide all labor, materials and equipment to furnish and install additional framed plywood platform to match adjoining sidewalk grade at the north pedestrian walkway to the Airport Terminal, as directed by the Project Engineer, for the lump sum cost of \$2,260.20
- 2.9 Correct the value of Contract Change Order # 1 Item 17 as directed by the Project Engineer, for the lump sum cost of \$1,000.00

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

- 2.10 Provide all labor, materials, and equipment to sawcut, demolish and dispose existing deteriorated AC pavement to meet new grades of adjacent concrete pavement at east exit to Barbara London Drive,

as directed by the Project Engineer,
for the lump sum cost of \$1,388.53
- 2.11 Provide all labor, materials, and equipment to repair existing cracked and broken top course of masonry wall at the electrical room,

as directed by the Project Engineer,
for the lump sum cost of \$846.10
- 2.12 Provide all labor, materials, and equipment to fabricate and install galvanized sheet metal counter flashings at various locations around concrete curbs at deck landings to elevator tower not shown on plans,

as directed by the Project Engineer,
for the lump sum cost of \$996.73
- 2.13 Provide all labor, materials, and equipment to make field adjustment to locations of through bolts at pipe bollards. Install epoxy anchors at various locations where existing reinforcement is in the way of through bolts,

as directed by the Project Engineer,
for the lump sum cost of \$976.57

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

- 2.14 Provide all labor, materials, and equipment to install six (6) new interior light fixtures within the parking structure,

as directed by the Project Engineer,
for the estimated cost of \$6,170.61
- 2.15 Provide all labor, materials, and equipment to sand and paint existing rooftop light poles,

as directed by the Project Engineer,
for the estimated cost of \$5,147.97
- 2.16 Provide all labor, materials, and equipment to remove concrete sidewalk, compact subgrade and replace 4" thick concrete sidewalk to comply with ADA cross slope requirements. Sidewalks are on the south side of the taxi lane and along the east stair exit with limits described on PCO 20,

as directed by the Project Engineer,
for the estimated cost of. \$38,779.00

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

- 2.17 Provide all labor, materials, and equipment to extend short concrete columns for mounting of emergency intercom and fire extinguisher boxes,

as directed by the Project Engineer,
for the estimated cost of. \$2,371.64
- 2.18 Provide all labor, materials, and equipment to provide alternative tile materials and cut the tiles per manufacturer's and Architect's recommendation,

as directed by the Project Engineer,
for the estimated cost of. \$1,772.55
- 2.19 Provide all labor, materials, and equipment to extended limits of removal and reconstruction of curb, gutter, and cross gutter at the Barbara London Drive,

as directed by the Project Engineer,
for the estimated cost of. \$15,000.00
- 2.20 Provide all labor, materials, and equipment to remove and reconstruct sidewalk and taxi exit lane pavement on the west side of the parking structure,

as directed by the Project Engineer,
for the estimated cost of. \$70,000.00
- 2.21 Provide all labor, materials, and equipment to construct soffit and recessed lighting to aesthetically conceal the raw concrete slab edges and steel tubes from the new metal stairs,

as directed by the Project Engineer,
for the estimated cost of. \$72,000.00
- 2.22 Provide all labor, materials, and equipment to remove and replace existing fire extinguisher and hose cabinets,

as directed by the Project Engineer,
for the estimated cost of. \$38,000.00
- 2.23 Provide all labor, materials, and equipment to remove existing fence and dispose of fence materials from two storage areas within the parking structure,

as directed by the Project Engineer,
for the estimated cost of. \$2,000.00
- 2.24 Provide all labor, materials, and equipment to fabricate and install new wayfinding signs,

as directed by the Project Engineer,
for the estimated cost of. \$240,000.00

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

2.25 Provide all labor, materials, and equipment to perform grind and overlay for the ADA pathway at the north portion of the structure to meet ADA requirements,
as directed by the Project Engineer,
for the estimated cost of. \$35,000.00

NET BID ITEM QUANTITY ADJUSTMENT (\$ 24,865.61)

NET EXTRA WORK/ AGREED PRICE \$ 570,953.17

TOTAL CHANGE TO CONTRACT COST \$ 546,087.56

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 BE EXTENDED FIFTEEN (15) WORKING DAYS UNDER THE FOLLOWING CONDITIONS:

1. The submitted schedule labeled Improvements to the Garage (Lot A) at Long Beach Airport - Job # R-7051 / Contract #34403 - UPD 05B, Data Date 7/1/17 is inclusive of all issues/delays associated with Change Order #1 Item #13 as well as any other schedule events prior to 7/1/17 and;
2. It is understood that the requested 15 work day extension is non-compensable and incorporated in the referenced 7/1/17 schedule;
3. Substantial Completion of the project remains on 10/9/17 and;
4. Final Completion of the project remains on 11/8/17.

Recommended by:

Approved by:

Sapreanek 10-2-2017
Project Manager/Civil Engineer (Date)

Jan Zeb 10/2/17
Airport Director (Date)

A. Hunter 10/2/17
Airport Engineering Officer (Date)

Ray Vasquez 9-29-17
Contractor (Date)

Funds are available for this purpose:

[Signature] 10-23-17
Financial Management (Date)