

CHANGE ORDER # 3

FAA PROJECT # 3-20-0088-49

CHANGE ORDER

No. 3

Dated 30 November 2006

Owner's Project No. FAA AIP No. 3-20-0088-49 City of Wichita Nos. 453-348 (Taxiway L) and 453-354 (Taxiway H)

Project: Construction of Taxiways L, L-1, Compass Pad & Apron and Extension of Taxiways H & H-1

Owner: The Wichita Airport Authority

Contractor Cornejo & Sons, Inc.

Contract Date 09 August 2005

Contract For Earthwork that includes excavation and/or placement of subgrade material within the project limits, preparation and compaction of the project subgrade to the lines and grades shown on the plans, area grading outside the neat lines of pavement and placement of topsoil; Paving work that includes construction of plant mix bituminous pavements for haul roads; bituminous treated drainage layer; and portland cement concrete pavement and fiber reinforced concrete pavement; Seeding and sodding; Installation of taxiway edge lights and taxiway guidance signs, and removal and replacement of taxiway edge lights; Miscellaneous storm sewer, inlet and manhole construction, and construction of pavement sub-drains; Installation of temporary and permanent chain link fence; Painting taxiway and runway pavement markings; for the Construction of Taxiways L, L-1, Compass Pad & Apron and Extension of Taxiways H & H-1 at Wichita Mid-Continent Airport

To: Cornejo & Sons, Inc., Contractor

You are directed to make the changes noted below in the subject contract:

By Direction of the Wichita Airport Authority

Carlos Mayans, President

Date: \_\_\_\_\_

Nature of Change:

- [1] Remove twenty-two (22) of the existing light fixtures and bases on Taxiway C for Contract Item No. 91.
- [2] Over excavation of unsuitable soil in the subgrade of Taxiway C(East).
- [3] Modifications needed to install elevated runway guard lights on Taxiway B on both sides of Runway 1R-19L.
- [4] Proposed guidance sign modifications for the intersection of Taxiways C, C(East), and L.

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The changes result in the following adjustment of Contract Price and Contract Time:

|   | Aggregate       | Taxiway L       | Taxiway H     |
|---|-----------------|-----------------|---------------|
| 3-20-0088-49 Contract Price Prior to This Change Order                      | \$ 5,486,974.91 | \$ 4,974,777.17 | \$ 512,197.74 |
| Non-FAA Participating Contract Price Prior to This Change Order             | \$ 548,319.80   | \$ 467,045.80   | \$ 81,274.00  |
| Total Contract Price Prior to This Change Order                             | \$ 6,035,294.71 | \$ 5,441,822.97 | \$ 593,471.74 |
|   |                 |                 |               |
| 3-20-0088-49 Net Increase Resulting from This Change Order                  | \$ 93,412.40    | \$ 93,412.40    | \$ 0.00       |
| Non-FAA Participating Net Increase Resulting from This Change Order         | \$ 0.00         | \$ 0.00         | \$ 0.00       |
| Total Net Increase Resulting from This Change Order                         | \$ 93,412.40    | \$ 93,412.40    | \$ 0.00       |
|   |                 |                 |               |
| Current 3-20-0088-49 Contract Price Including This Change Order             | \$ 5,580,387.31 | \$ 5,068,189.57 | \$ 512,197.74 |
| Current Non-FAA Participating Contract Price Including This Change Order    | \$ 548,319.80   | \$ 467,045.80   | \$ 81,274.00  |
| Current Total Contract Price Including This Change Order                    | \$ 6,128,707.11 | \$ 5,535,235.37 | \$ 593,471.74 |
|   |                 |                 |               |
| Phase I Contract Time Prior to This Change Order                            | 112             | Calendar Days   |               |
| Phase I Net Increase Resulting From This Change Order                       | 00              | Calendar Days   |               |
| Phase I Current Contract Time Including This Change Order                   | 112             | Calendar Days   |               |
|   |                 |                 |               |
| Phase II Contract Time Prior to This Change Order                           | 227             | Calendar Days   |               |
| Phase II Net Increase Resulting From This Change Order                      | 00              | Calendar Days   |               |
| Phase II Current Contract Time Including This Change Order                  | 227             | Calendar Days   |               |
|   |                 |                 |               |
| Flight Check Contract Time Prior to This Change Order                       | 76              | Calendar Days   |               |
| Flight Check Net Increase Resulting From This Change Order                  | 00              | Calendar Days   |               |
| Flight Check Current Contract Time Including This Change Order              | 76              | Calendar Days   |               |
|   |                 |                 |               |
| Runway 14 Closure Contract Time Prior to This Change Order                  | 60              | Calendar Days   |               |
| Runway 14 Closure Net Increase Resulting From This Change Order             | 00              | Calendar Days   |               |
| Runway 14 Closure Current Contract Time Including This Change Order         | 60              | Calendar Days   |               |
|   |                 |                 |               |
| Runway 1R Sod Closure Contract Time Prior to This Change Order              | 3               | Calendar Days   |               |
| Runway 1R Sod Closure Net Increase Resulting From This Change Order         | 0               | Calendar Days   |               |
| Runway 1R Sod Closure Current Contract Time Including This Change Order     | 3               | Calendar Days   |               |
|   |                 |                 |               |
| Permanent Seeding Contract Time Prior to This Change Order                  | 21              | Calendar Days   |               |
| Permanent Seeding Net Increase Resulting From This Change Order             | 00              | Calendar Days   |               |
| Permanent Seeding Current Contract Time Including This Change Order         | 21              | Calendar Days   |               |
|   |                 |                 |               |
| Change Order #3 Work Only Contract Time Prior to This Change Order          | 00              | Calendar Days   |               |
| Change Order #3 Work Only Net Increase Resulting From This Change Order     | 120             | Calendar Days   |               |
| Change Order #3 Work Only Current Contract Time Including This Change Order | 120             | Calendar Days   |               |

The Above Changes Are Approved:

Professional Engineering Consultants, P.A.

By: 

Date: 12/14/16

The Above Changes Are Accepted:

Cornejo & Sons, Inc.

Contractor

By: 

Date: 12-4-16

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The following Change Order is a modification to the Project Plans and Specifications. The Change Order was prepared at the request of the Owner and was necessary for the following changes:

[ITEM 1] Remove twenty-two (22) of the existing light fixtures and bases on Taxiway C for Contract Item No. 91. The existing light bases were to be removed and reset at new locations, however after exhuming the buried bases it was discovered their condition and configuration was such that they were deemed unusable and therefore had to be discarded.

Contract Item No. 91 Relocate Existing Taxiway Edge Light, Base Mounted (CIRCUIT TC) currently had a contract quantity of twenty (20) each. Since a quantity of one (1) was used to relocate the light on north side of Taxiway L(East) [R3-20], the remaining nineteen (19) will be underrun. Contract Item No. 85 Taxiway Edge Light, Base Mounted, 15W LED (Circuit TL) shall be increased by ten (10) to a total of eighty-five (85) where the edge lights on Taxiways C and C(East) shall be installed under this item. The following is the current quantity adjustments as a result of this change:

| ITEM  | QTY ADJUSTMENT | UNIT COST      | EXTENSION            |
|---|----------------|----------------|----------------------|
| Item No. 91 Relocate Existing Taxiway Edge Light, Base Mounted (CIRCUIT TC) | -19 EA         | @ \$ 475.00/EA | = (\$ 9,025.00)      |
| Item No. 85 Taxiway Edge Light, Base Mounted, 15W LED (Circuit TL)          | 10 EA          | @ \$ 915.00/EA | = <u>\$ 9,150.00</u> |
| <b>TOTALS</b>   |                |                | <b>\$ 125.00</b>     |

The existing fixtures and bases were to be relocated under contract item no. 91, however the condition of the existing bases (apparently cast in place) were irregular with square shaped at the top, therefore were not able to be reused and reset according to the plan details with regard to conduit depth, alignment, counterpoise attachment, and the installation of the mow pads. During the removal process the contractor was observed carefully removing the bases, protecting the counterpoise and conduit inserts so they could be reinstalled. After the existing bases were deemed unusable, they were to be removed from the site by the contractor. The existing fixtures and ballasts are to be salvaged and delivered to the Owner.

A new item is created as a part of the change order to accommodate the change as a unit price item.

|   |    |     |               |   |             |
|---|----|-----|---------------|---|-------------|
| Item No. E108 Remove Existing Edge Lights Bases | 22 | EA. | @\$ 128.00/EA | = | \$ 2,816.00 |
|---|----|-----|---------------|---|-------------|

**TOTAL COST AS A RESULT OF THE ITEM 1 CHANGE = \$ 2,941.00**

[ITEM 2] The subgrade on Taxiway C(East) became unstable and the contractor was directed to over excavate the area and replace the unsuitable material with acceptable soil. The existing soil was silty and extremely wet. The area of over excavation was on Taxiway C(East) from Sta. ~17+75 to Sta. ~18+70 47' Lt. to 54' Rt.

| ITEM                                   | QTY | UNIT | COST         | EXTENSION     |
|--|-----|------|--------------|---------------|
| 6 Unclassified Excavation <sup>2</sup> | 900 | CY   | @ \$ 3.30/CY | = \$ 2,970.00 |

Note: <sup>2</sup> Modified by Change Order No. 2

**TOTAL COST AS A RESULT OF THE ITEM 2 CHANGE = \$ 2,970.00**



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[ITEM 4] Proposed guidance sign modifications for the intersection of Taxiways C, C(East), and L. The proposed modification includes switching a blank sign panel on the back of sign no. 119 with a new sign panel with the message element of the Taxiway L location sign and installing a new sign (yet to be numbered) at Taxiway L Sta. 32+22 62.5' Lt. with concrete base and power routed through electrical handhole HH-2 at Taxiway L Sta. 32+50 50' Lt. on the SC circuit. Both signs shall be visible from the Taxiway C/C(East)/L intersection. This change is to comply with the Runway Safety Action Team recommendations.

This change includes modifications to existing contract quantities estimated to be as follows:

| ITEM                                     | QTY | UNIT | COST          | EXTENSION        |
|--|-----|------|---------------|------------------|
| 50 Seeding (Temporary)                   | 2   | LB   | @ \$ 3.00/LB  | = \$ 6.00        |
| 51 Seeding (Permanent)                   | 2   | LB   | @ \$ 10.25/LB | = \$ 20.50       |
| 53 Fertilizer                            | 3   | LB   | @ \$ 0.25/LB  | = \$ 0.75        |
| 54 Mulching                              | 1   | MSF  | @ \$ 3.40/MSF | = \$ 3.40        |
| 70 #8 1/C 5KV Primary Cable (In PVC)     | 57  | LF   | @ \$ 0.55/LF  | = \$ 31.35       |
| 74 Bare Counterpoise (Above PVC)         | 35  | LF   | @ \$ 0.40/LF  | = \$ 14.00       |
| 75 Raceway Trench & Backfill (28" Depth) | 32  | LF   | @ \$ 1.50/LF  | = \$ 48.00       |
| 78 2" PVC Conduit                        | 32  | LF   | @ \$ 1.80/LF  | = \$ 57.60       |
| 96 3/4" X 10'-0" Ground Rod for System   | 1   | EA   | @ \$ 66.00/EA | = \$ 66.00       |
| <b>TOTALS</b>                            |     |      |               | <b>\$ 247.60</b> |

Work not addressed under the existing bid items includes installing a new concrete sign base and cabinet and providing the new sign face panels.

A new item is created as a part of the change order to accommodate the change as a lump sum price.

|  |                    |               |
|--|--------------------|---------------|
| Item No. E110 Taxiway C Guidance Signs | 1 LS @ \$ 4,543.00 | = \$ 4,543.00 |
|--|--------------------|---------------|

|  |                      |
|--|----------------------|
| <b>TOTAL COST AS A RESULT OF THE ITEM 4 CHANGE</b> | <b>= \$ 4,790.60</b> |
|--|----------------------|

There will be a one hundred twenty (120) calendar day time extension following the authorization date to proceed with Item #3 and Item #4 added to the entire project (except permanent seeding/sodding) along with the elapsed time between the original contract complete date of November 01, 2006 and the authorization date of this Change Order #3.

|   |                    |
|---|--------------------|
| <b>TOTAL COST OF CHANGE ORDER NO. 3</b> | <b>\$93,412.40</b> |
|---|--------------------|