

To: Lee R. Feldman, ICMA-CM, City Manager  
 From: Hardeep Anand, P.E., Public Works Director  
 Date: March 9, 2015  
 Re: Change Order (X) Additional Work (X)

Job Description: Project P11242 – FXE U.S. Customs & Border Protection Facility  
 Contractor: James B. Pirtle Construction Company, Inc. d/b/a Pirtle Construction Company  
 Amount: **\$24,917.81**  
**P11242.468 \$4,983.56**  
**P11242.468B \$19,934.25**

Itemized and explained as follows:

This change order is to compensate the Contractor for various additions and deletions, as detailed below, within the scope of work for the FXE U.S. Customs and Border Protection Facility.

The changes are a result of end user scope changes, code and regulatory requirements, site conditions requiring modifications during the course of construction, and design modifications. Negotiations with the Contractor are reflected in numbers shown below.

**EXISTING CONTRACT LINE ITEMS ARE UTILIZED – ADD \$55,215.06.**

**ITEM 1:**

**Permit Fees in Excess of Allowance**

The Contract includes an allowance of \$60,000.00 for Permit/Utility Connections. The following permits were paid by the Contractor in excess of the allowance amount and are to be reimbursed.

Fire Alarm Permit Fee	\$ 444.19
Fire Sprinkler Permit Fee	\$ 609.57
Plumbing Permit Fee	<u>\$3,012.02</u>
Total	\$4,065.78

**ITEM 2:**

**Access Control Security System**

The access control security system is designed to tie-into CBP's network located in LAN Room 132. CBP changed the operational requirements for the access control security system, requiring a stand-alone system located in a separate LAN Room. This change in design requires additional equipment & racks, devices, monitors, power outlets, data ports, cable, wire, drywall, and painting. One additional Knox Box is also required at the entrance gate for fire department access.

	\$26,739.35
5%	<u>\$ 1,336.97</u>
Total	\$28,076.32

**Roof Guardrails and Tie Off Anchors**

The parapet wall around the roof varies in height. FBC 2010-110.5 requires roof top HVAC equipment to be installed a minimum of 10' from the roof edge if there is not a parapet or guardrail at least 42" in height. In certain areas the parapet wall is less than 42" high necessitating the need to install guardrails and tie-off anchors to comply with FBC 2010-110.5. The additional work involves installation of guardrails, tie-off anchors, additional signage, stucco patching, and paint touch-ups.

	\$10,440.10
5%	<u>\$ 522.01</u>
Total	\$10,962.11

**Monitoring Wells**

The Contract required the removal of six (6) monitoring wells which are located in the area of new construction. Broward County Pollution Prevention Division, upon reviewing the Natural Attenuation Monitoring Report indicated that contaminants remain above Groundwater Cleanup Target levels. The indication of contaminants required these wells to remain in use for continued monitoring purposes. Due to the construction activities, the existing monitoring wells could not be salvaged. Six (6) new monitoring wells are required to be drilled to comply with all licenses and regulations so that monitoring can continue.

\$4,713.50  
5%     \$ 235.68  
Total   \$4,949.18

**Relocate Existing Fire Hydrant**

The design location of the new secure perimeter fencing resulted in an existing fire hydrant on the East side of the site located within the fence line. This fire hydrant is required to be relocated outside the fence line for fire department access.

\$6,820.64  
5%     \$ 341.03  
Total   \$7,161.67

**EXISTING CONTRACT LINE ITEMS ARE UTILIZED – DEDUCT (\$30,297.25).**

**Credit Perimeter Road Drainage Piping**

The drainage design at the intersection of Perimeter Rd. and NW 52<sup>nd</sup> St. called for 18" RCP culvert with mitered outfalls. The Contractor submitted RFI 076 requesting clarification if this drainage culvert is actually needed given existing grade elevations. The EOR Kimley-Horn, responded that the roadway intersection can be constructed without the drainage culvert due to the existing grade elevations providing positive drainage. Eliminating this work resulted in a credit to the Contract.

(\$10,000.10)  
5%     (\$ 500.01)  
Total   (\$10,500.11)

**Credit Concrete Flumes at SE Retention Area**

Plan sheet C10 shows two (2) flume channels into the parking lot retention area. The Contractor submitted RFI 081 requesting clarification if these flume channels are required given there is no curbing along the edge of the parking lot and the drainage of the parking lot is directed toward the retention area. The EOR, Kimley-Horn responded that the flume channels could be deleted. Eliminating this work resulted in a credit to the Contract.

(\$1,250.00)  
5%     (\$ 62.50)  
Total   (\$1,312.50)

**Credit for Door 101 Type Change**

Door 101 was incorrectly specified as a hollow metal door and frame. This door was changed to a flush aluminum storefront door to integrate with the aluminum storefront window assembly at Room 100. Credit to the Contract is for the hollow metal door, frame, and hardware.

(\$1,389.66)  
5%     (\$ 69.48)  
Total   (\$1,459.14)

**Credit FF&E Installation**

Contractor included costs for installation of Owner furnished furniture in Room 130. The Owner's furniture vendor will be installing the furniture therefore the cost of installation can be credited to the Contract.

(\$2,350.00)  
5%     (\$ 117.50)  
Total   (\$2,467.50)

**ITEM 3:**

**Credit Unused Allowance**

The Contract included an allowance of \$30,000.00 for interior and exterior signage and installation. There is a balance of \$14,558.00 left in this line item which is being credited to the Contract to offset additional cost items.

(\$14,558.00)

Sixty (60) additional days will be added to the contract to allow for material lead times and installation associated with the access control security system as well as the guardrails and tie-off anchors. Substantial Completion Date will be increased from 370 calendar days to 430 calendar days, and Final Completion Date will be increased from 400 calendar days to 460 calendar days. The revised Final Completion Date will be May 16, 2015.

<b>ADDITIONAL TIME ADDED TO THIS CHANGE ORDER</b>	<b>60 CALENDAR DAYS</b>
<b>TOTAL AMOUNT OF THIS CHANGE ORDER</b>	<b>\$ 24,917.81</b>

**This Change Order provides for all costs and schedule adjustments associated with completing the work, including materials, labor, equipment, bond, insurance, overhead, profit, impacts, and any and all related items or associated costs incurred or resulting from the items listed above.**

Approved:	_____	_____
	Mike Geary, President James B. Pirtle Construction Inc. d/b/a Pirtle Construction Company	Date

Recommended by:	_____	_____
	Hardeep Anand, P.E. Public Works Director	Date

Approved by:	_____	_____
	Lee R. Feldman City Manager	Date

cc: Pedram Zohrevand, Ph.D., P.E., Assistant City Engineer  
Scott A. Teschky, CCM, LEED AP BD+C, Senior Project Manager  
Fernando Blanco, Airport Engineer  
Financial Administrator  
Project File

**CHANGE ORDER SUMMARY SHEET**

ORIGINAL CONTRACT AMOUNT		\$	5,689,000.00	<hr/>
COST OF CHANGE ORDERS TO DATE			0.00	<hr/>
	TOTAL:	\$	5,689,000.00	<hr/>
COST OF THIS CHANGE ORDER		\$	24,917.81	<hr/>
	TOTAL:	\$	5,713,917.81	<hr/>
ORIGINAL CONTRACT TIME			400 calendar days	<hr/>
TIME ADDED TO DATE			0 calendar days	<hr/>
	TOTAL:		400 calendar days	<hr/>
TIME ADDED TO THIS CHANGE ORDER			60 calendar days	<hr/>
	TOTAL:		460 calendar days	<hr/>

**SCHEDULE OF CHANGE ORDERS TO DATE**

<u>C.O. #</u>	<u>DATE</u>	<u>DESCRIPTION</u>	<u>AMOUNT OF COST OR CREDIT</u>
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