



ADDENDUM TO THE CONTRACT

for the

**Juneau International Airport (JNU)
Runway Safety Area Improvements, Phase 2A**

Contract No. E12-240

ADDENDUM NO.: THREE

**CURRENT DEADLINE FOR BIDS:
July 11, 2012**

PREVIOUS ADDENDA: TWO

ISSUED BY: City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

DATE ADDENDUM ISSUED: July 6, 2012

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at: http://www.juneau.org/engineering_ftp/contracts/Contracts.php

PROJECT MANUAL

- Item No. 1: GCP-30 AWARD AND EXECUTION OF CONTRACT, Article 30.06, Paragraph E. The Umbrella Coverage must be provided by the CONTRACTOR, but not Subcontractors.
- Item No. 2: ITEM L-100, - RUNWAY AND TAXIWAY LIGHTING, BASIS OF PAYMENT, Section 100 – 5.2 – ITEMS OF WORK PAID IN THIS SECTION, Item L-100m. **Add** the following:
“Provide two spare elevated runway guard lights and ten spare flush runway guard lights, each complete with light base, isolation transformer, connectors, and flange ring.”
- Item No. 3: ITEM L-100, - RUNWAY AND TAXIWAY LIGHTING, BASIS OF PAYMENT, Section 100 – 5.2 – ITEMS OF WORK PAID IN THIS SECTION, Item L-100ap. **Delete** “two spare elevated runway guard lights, and 10 spare flush runway guard lights complete with light base, isolation transformer, and connectors.” **Replace** with the following: “Each light shall be complete with light base, transformer, connectors, and for the flush lights: a flange ring.”
- Item No. 4: ITEM L-100, - RUNWAY AND TAXIWAY LIGHTING, EQUIPMENT AND MATERIALS, Section 100 – 2.1, GENERAL, Paragraph a. - Certified Airport Lighting Equipment, Subparagraph (1) - Constant Current Regulator, L-829, first paragraph. **Add** the following:
“The equipment shall include an internal S-1 cutout”.
- Item No. 5: ITEM L-127 - AIRFIELD LIGHTING CONTROLS AND MONITORING SYSTEM

(ALCMS), Section 127- 1.13 - Spare Parts, Paragraph b. **Delete** the sentence “<An alternate option is included below if spare parts are a deliverable for the project. Inclusion of spare parts with the project is highly recommended.>”

Item No. 6: ITEM P-670 – HAZARDOUS AREA BARRIERS, Section 670-2.3 - Flasher Unit, Paragraph b. - Flasher Unit for Plastic Barrier. **Add** the following:

“Provide two Flasher Units per barrier to be mounted on the top side and at opposite ends of each barrier. Each Flasher Unit shall meet the following requirements:”

Item No. 7: ITEM P-670 – HAZARDOUS AREA BARRIERS, Section 670-3.1 - GENERAL, first paragraph. **Delete** and **replace** with:

“On the top side and at both ends of each barrier, mount two flags and two flasher units per manufacturer’s instructions. Tether flag to the barrier.”

DRAWINGS:

Item No. 8: Drawing LC1-01 - OVERALL SITE PLAN & LEGEN”

ELECTRICAL LEGEND: **Replace** the description for the circled "AL" with: “New Airfield Lighting Controls Fiber Optic Cable, 12 fibers, minimum, single mode with PVC coated, interlocked steel armor jacket”.

Item No. 9: Drawing LC1-05 - CCR VAULT INTERIOR ELEVATIONS

ELEVATION A. **Add** the following note. “Provide stacking kits for the second level CCR’s”.

Item No. 10: Drawing LC1-07 - AIRFIELD LIGHTING CONTROLS OVERVIEW

NEW AIRFIELD LIGHTING CONTROLS. **Modify** the “Redundant ALCMS Communication Network” ring to a linear path with redundant circuits from the CCR vault to the Tower and Flight Service Station each. **Remove** the illustration of radios at the Tower, Flight Service Station, and Vault.

SYSTEM OVERVIEW, II, COMMUNICATIONS. Under TOWER, **delete** the TWO (2) Fiber Optic Links between TOWER and FLIGHT SERVICE STATION. Under VAULT, **Add** TWO (2) Fiber Optic Links between VAULT and FLIGHT SERVICE STATION. Under FLIGHT SERVICE STATION, **Replace** last word “TOWER” with “VAULT”.

Item No. 11: Drawing LC3-01 - ALCMS - TOWER LINE DIAGRAM

Replace the two sets of Network Switches and Fiber Drivers with two each Fiber Optic Transceivers. **Replace** FMM with FSM. **Add** Installation Note 12.

“12. Provide ports and components to support the addition of radio communications to the CCR Vault.”

SHEET LEGEND. **Replace** items FPC with “Fiber Patch Cable, Duplex, 8/125 micron, 1300 nm wave length, single mode, terminated with ST style connectors, 1 pair each”; and FMM with “FSM, Fiber, 8/125 micron, 1300 nm wave length, single mode, terminated with ST style connectors, 2 strands required per communication link”.

Item No. 12: Drawing LC3-02 - ALCMS - CCR VAULT LINE DIAGRAM

Replace the two Fiber Optic Transceivers with two sets of Network Switches each incorporating two Fiber Drivers. **Replace** FMM with FSM. Delete one of the two Printers illustrated. **Add** Installation Note 9.

“9. Provide ports and components to support the addition of radio communications to the Tower and to a portable maintenance computer.”

SHEET LEGEND. **Replace** items FPC with “Fiber Patch Cable, Duplex, 8/125 micron, 1300 nm wave length, single mode, terminated with ST style connectors, 1 pair each”; and FMM with “FSM, Fiber, 8/125 micron, 1300 nm wave length, single mode, terminated with ST style connectors, 2 strands required per communication link”.

Item No. 13: Drawing LC3-03 - ALCMS – AFSS LINE DIAGRAM AND EXTERNAL COMMUNICATION OVERVIEW

FLIGHT SERVICE STATION OVERVIEW. **Replace** FMM with FSM. **Add** Installation Note 7.

“7. Provide ports and components to support the addition of radio communications to the CCR Vault.”

SHEET LEGEND, **Replace** items FPC with “Fiber Patch Cable, Duplex, 8/125 micron, 1300 nm wave length, single mode, terminated with ST style connectors, 1 pair each”; and FMM with “FSM, Fiber, 8/125 micron, 1300 nm wave length, single mode, terminated with ST style connectors, 2 strands required per communication link”.

EXTERNAL COMMUNICATION OVERVIEW: **Reposition** FC1 and FD3 from the Tower Enclosure to the CCR Vault and utilize patch panel terminals 5, 6, 7, & 8. **Modify** the communication circuit with two sets of fiber from these terminals to patch panel terminals 9, 10, 11, & 12 in the Tower. **Illustrate** patch cables from terminals 5 to 9, 6, to 10, 7 to 11, and 8 to 12. **Replace** the identification for the communications cables from FMM to FSM.

By: _____

Jennifer Mannix,
Contract Administrator

Date: 7/6/12

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