ENGINEERING DEPARTMENT

ADDENDUM TO THE CONTRACT

for the

Mendenhall Valley Public Library
Contract No. E14-051

ADDENDUM NO.: **THREE** **CURRENT DEADLINE FOR BIDS:** **April 2, 2014**

PREVIOUS ADDENDA: **TWO**

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

DATE ADDENDUM ISSUED: **3/21/2014**

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 SECTION 260533 – RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS, PART 2 – PRODUCTS, Article 2.6 BOXES, ENCLOSURES AND CABINETS: ***Delete*** Paragraphs F. and G. in their entireties. ***Re-letter*** remaining paragraphs F. through M.

Item No. 2 SECTION 260533 – RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS, PART 2 – PRODUCTS: ***Add*** new Article 2.8 as follows:

2.8 FLOOR BOXES, SERVICE FITTINGS, ACTIVATIONS

A. MANUFACTURERS

1. Basis-of-Design Product: The design for floor boxes and fittings is based on the Resource RFB Floor Box Series manufactured by Legrand/Wiremold.
2. Source Limitations: Obtain floor boxes, service fittings and hardware for each system through single source from single manufacturer.

B. CLASSIFICATION AND USE

1. Floor boxes shall have been examined and tested by Underwriters Laboratories Inc. to meet UL514A and/or UL514C and Canadian Standard C22.2, No. 18.1-04 and 18.2-06 and bear the U.S. and Canadian UL Listing Mark. Floor boxes shall also conform to the standards set in Section 300-21 of the National Electrical Code.

C. FLOOR BOXES, GENERAL

1. Resource Series Floor Boxes for use in on-grade concrete floor applications. Boxes shall be compatible with complete line of Ortronics workstation connectivity outlets and modular inserts.
2. Floor boxes provide the interface between power, communication and audio/video (A/V) cabling in on-grade concrete floors and the workstation or activation location where power and communication and/or A/V device outlets are required. Boxes shall provide recessed device outlets that will not obstruct the floor area.
3. Floor boxes shall permit all wiring to be completed at floor level.

D. RFB4E-OG SERIES FLOOR BOXES

1. Manufactured from stamped steel and painted with a fusion-bonded epoxy designed for use on metal reinforcement bar and related accessories before encapsulation in concrete, and approved for use on grade and above grade floors. The box shall be 13-1/8" L x 13-1/8" W x 4-1/16" H [333mm x 333mm x 103mm]. Provide the box with four (4) independent wiring compartments that allow capacity for up to four (4) duplex receptacles, communication and/or audio/video services. The box shall permit feed through removable barriers from adjacent compartments. Four (4) compartments shall have a minimum wiring capacity of 75 cu in [1230 cu cm]. Four (4) compartments shall have a minimum of 3-1/2 inches of space behind the device plates. The box shall contain the following number of conduit knockouts: six (6) 3/4-inch [19.1mm], ten (10) 1-inch [25mm], and eight (8) 1-1/4-inch [32mm]. The box shall have two removable knockout plates that can be replaced with a 2-inch trade size conduit hub (2HUB). The box shall be fully adjustable, providing a maximum of 2-inch [35mm] pre-pour adjustment, and a maximum of 3/4-inch [19.1mm] after-pour adjustment. The box shall include a series of device mounting plates that will accept both duplex power devices as well as plates that will accommodate Ortronics workstation connectivity outlets and modular adapters, Legrand AVIP audio/video device plates, and other open system devices.

E. ACTIVATION COVERS

1. Evolution 6CT, 6CTC and 6CFFTC Series Covers: Manufactured of die-cast aluminum alloy and available in powder-coated gray, black, brass, nickel or bronze finish. The covers shall be available in carpet and tile versions. Provide covers with two (2) gaskets (one (1) for carpet and one (1) for tile) to go under the trim flange to maintain scrub water tightness. The activation cover for the 6CT and 6CTC series shall be 7-1/4-inch [184mm] in diameter and the activation cover for the 6CFFTC series shall be 7-3/4-inch [197mm] in diameter. Covers shall come equipped with one (1) 1-inch trade size screw plug opening and one (1) combination 1-1/4-inch and 2-inch trade size screw plug. The carpet covers shall be surface mounted and the tile covers shall be flush with the finished floor covering. The covers shall have spring loaded slides to allow cables to egress out of the unit and maintain as small an egress opening as possible.

2. The covers shall have been evaluated by UL to meet the applicable U.S. and Canadian safety standards for scrub water exclusion when used on tile, terrazzo, wood, and carpet covered floors.

F. COMMUNICATION MODULES MOUNTING ACCESSORIES

1. The floor box manufacturer shall provide a complete line of faceplates and bezels to facilitate mounting of UTP, STP (150 ohm), fiber optic, coaxial, and communication devices. The box shall provide a series of device mounting plates that will accommodate Ortronics workstation connectivity outlets and modular adapters, and other open system devices.

Item No. 3 SECTION 260553 – IDENTIFICATION FOR ELECTRICAL SYSTEMS, FOOTER: ***Revise*** section number to 260553.

Item No. 4 SECTION 262416 – PANELBOARDS, PART 2 - PRODUCTS, Article 2.3 DISTRIBUTION PANELBOARDS, Paragraph D – Mains: ***Delete*** "[Circuit breaker] [Fused switch]" and brackets around "Lugs only".

Item No. 5 SECTION 262813 – FUSES, PART 3 – EXECUTION, Article 3.2 FUSE APPLICATIONS, Paragraph A Cartridge Fuses, Sub-paragraph 1: ***Delete*** brackets around "Class RK1" and ***Delete*** "[Class RK5]".

Item No. 6 SECTION 262813 – FUSES, PART 3 – EXECUTION, Article 3.2 FUSE APPLICATIONS, Paragraph A Cartridge Fuses, Sub-paragraph 2: ***Delete*** brackets around "Class RK1, time delay" and ***Delete*** "[Class RK5, time delay], [Class J, fast acting] and [Class J, time delay]".

Item No. 7 SECTION 262813 – FUSES, PART 3 – EXECUTION, Article 3.2, FUSE APPLICATIONS, Paragraph A Cartridge Fuses, Sub-paragraph 3: ***Delete*** brackets around "fast acting" and ***delete*** "[time delay]".

Item No. 8 SECTION 262816 – ENCLOSED SWITCHES AND CIRCUIT BREAKERS, PART 2 – PRODUCTS, Article 2.3 MOLDED CASE CIRCUIT BREAKERS, Paragraph J Features and Accessories, Sub-paragraph 7: ***Delete*** brackets around "NO" and ***delete*** "[NC]".

Item No. 9 SECTION 262913 – ENCLOSED CONTROLLERS, PART 2 – PRODUCTS, Article 2.1 FULL-VOLTAGE CONTROLLERS, Paragraph E Magnetic Controllers: Full voltage, across the line, electrically held, Sub-paragraph 6 Bimetallic Overload Relays, Sub-sub-paragraph b: ***Delete*** brackets around "Class 10" and ***delete*** "[Class 20] [Class 30]".

Item No. 10 SECTION 262913 – ENCLOSED CONTROLLERS, PART 2 – PRODUCTS, Article 2.1 FULL-VOLTAGE CONTROLLERS, Paragraph F Combination Magnetic Controller, Sub-paragraph 1: ***Delete*** brackets around "product indicated on Drawings" and ***delete*** "<Insert manufacturer's name or designation>".

Item No. 11 SECTION 275100 – AUDIO SYSTEM, PART 2 – PRODUCTS, Article 2.1 MANUFACTURERS, Paragraph A Available Manufacturers: ***Delete*** "and G" and ***replace*** with ", G, H, I and J"

Item No. 12 SECTION 275100 – AUDIO SYSTEM, PART 2 – PRODUCTS, Article 2.3 EQUIPMENT AND MATERIALS, Paragraph I EQUIPMENT CABINET: ***Delete*** in its entirety and ***replace*** with the following:

I. ROTATING SLIDING RAIL SYSTEM EQUIPMENT RACKS

1. Manufacturer

    a. Middle Atlantic Products, Inc.

2. Rotating Sliding Rail System Equipment Racks: SRSR Series Rotating Sliding Rail System.

    a. Model: SRSR-2-20.
    b. Type: 19-inch panel width, rotating, slide-out equipment rack.
    c. Compliance: EIA/TIA 310D.
    d. Overall Millwork Dimensions:

        1) Width: 19-1/4 inches (489 mm).
        2) Height: 38 inches (965 mm).
        3) Depth: 19-1/4 inches (489 mm).

3. Useable Dimensions:

    a. Height: 35” (20 rackspaces).
    b. Depth: 19.14 inches (486 mm).

4. Weight Capacity: 125 pounds.
5. Rack Pull-Out: 19 inches on integrated ball-bearing slides and rotates up to 90 degrees for equipment servicing.
6. Detachable Rack Frame: Allows for off-site integration.
7. Front-Mounted Tab: Rotate rack and lock into position at 0 degrees, 60 degrees, and 90 degrees.
8. Front-Mounted Lever: Locks rack in extended position.
9. Rackrail:

    a. 11-gauge steel with tapped 10-32 mounting holes in universal EIA spacing.
    b. Finish: Black e-coat.
    c. Rackspaces: Marked.

10. Rough-In Pan: 14-gauge steel.
11. Finish: Flat black powder coat.
12. Locking Trim Panel:

    a. Tamper resistant, keeps rack in locked, closed position.
    b. 11-gauge aluminum.
    c. Finish: Black brushed and anodized.

13. Integral cable management system.

14. Options

a. Locking Trim Panel: Silver brushed and anodized finish.
b. Rackshelf: Full-depth, front and rear mount.
c. Brush Gasket: Requires 19-5/8-inch (498-mm) millwork opening width.
d. Trim Strips: Black brushed and anodized.

Item No. 13 SECTION 281300 – ACCESS CONTROL, FOOTER: ***Revise*** section number to 281300.

Item No. 14 SECTION 281300 – ACCESS CONTROL, PART 2 – PRODUCTS, Article 2.3 OPERATION, Paragraph K Door Hardware Interface, Sub-paragraph 1: ***Delete*** "and Section 087111 "Door Hardware (Descriptive Specification)" ".

Item No. 15 SECTION 283111 – DIGITAL ADDRESSABLE FIRE ALARM SYSTEM, PART 1 – GENERAL, Article 1.2 SUMMARY, Paragraph A Section Includes: ***Delete*** Sub-paragraph 6. in its entirety.

Item No. 16 SECTION 283111 – DIGITAL ADDRESSABLE FIRE ALARM SYSTEM, PART 2 – PRODUCTS, Article 2.11 MAGNETIC DOOR HOLDERS: ***Delete*** Article 2.11 in its entirety.

DRAWINGS:

Item No. 17 DRAWING SHEET E2.0, SITE PLAN, LEGEND

Revise the drawing to indicate the existing Utility (AEL&P) Junction Box is to remain, the Transformer is still new.

Item No. 18 DRAWING SHEET E2.1, PARTIAL FLOOR PLAN POWER

Relocate controls for the shades, projection screen and operable partition into Storage 103, east wall near door strike.

Item No. 19 DRAWING SHEET E2.1, PARTIAL FLOOR PLAN POWER

Provide connection to the power operator for Doors 100A, 100B and 101. Utilize circuit P2-19 for Doors 100A and 100B; circuit P2-21 for Door 101. ***Provide*** two #12 plus one #12 ground conductor for each circuit.

Item No. 20 DRAWING SHEET E2.1, PARTIAL FLOOR PLAN POWER, Note 1

Delete second sentence: "REFER TO DETAIL XX".

Item No. 21 DRAWING SHEET E2.1, PARTIAL FLOOR PLAN POWER, Note 4

Delete second and third sentences: "UTILIZE ____. COORDINATE WITH ARCHITECTURAL DETAIL ____".

Item No. 22 DRAWING SHEET E2.2, PARTIAL FLOOR PLAN POWER, Note 1

Delete second sentence: “REFER TO DETAIL XX”.

Item No. 23 DRAWING SHEET E2.2, PARTIAL FLOOR PLAN POWER, Note 4

Delete second and third sentences: “UTILIZE ____. COORDINATE WITH ARCHITECTURAL DETAIL ____”.

Item No. 24 DRAWING SHEET E2.3, PARTIAL FLOOR PLAN POWER, Note 1

Delete second sentence: “REFER TO DETAIL XX”.

Item No. 25 DRAWING SHEET E2.3, PARTIAL FLOOR PLAN POWER, Note 4

Delete second and third sentences: “UTILIZE ____. COORDINATE WITH ARCHITECTURAL DETAIL ____”.

Item No. 26 DRAWING SHEET E2.5, ENLARGED PLANS

Add the Lighting Control Panel (LCP) on the east wall of Comm Room 201 above the receptacle on circuit 4.

Item No. 27 DRAWING SHEET E3.1, PARTIAL FLOOR PLAN LIGHTING

Add Note 6: Conduit conductor counts do not include dimming control conductors.

Item No. 28 DRAWING SHEET E3.1, PARTIAL FLOOR PLAN LIGHTING

Add the following luminaires on circuit P2-3 to a new Lighting Control Panel (LCP) circuit LCP-33: Types I/36” and J luminaires in Vestibule 100; Types K and three (3) I/48” in Foyer 101.

Item No. 29 DRAWING SHEET E3.2, PARTIAL FLOOR PLAN LIGHTING

Add Note 6: Conduit conductor counts do not include dimming control conductors.

Item No. 30 DRAWING SHEET E3.3, PARTIAL FLOOR PLAN LIGHTING

Add Note 4: Conduit conductor counts do not include dimming control conductors.

Item No. 31 DRAWING SHEET E3.4, PARTIAL FLOOR PLAN LIGHTING UPPER

Add Note 2: Conduit conductor counts do not include dimming control conductors.

Item No. 32 DRAWING SHEET E3.5, PARTIAL FLOOR PLAN LIGHTING UPPER

Add Note 1: Conduit conductor counts do not include dimming control conductors.

Item No. 33 DRAWING SHEET E3.6, PARTIAL FLOOR PLAN LIGHTING UPPER

Add Note 2: Conduit conductor counts do not include dimming control conductors.

Item No. 34 DRAWING SHEET E3.8, LIGHTING CONTROL PANEL, SCHEDULES

Add a new circuit to the Lighting Control Panel (LCP) as follows: Utilize spare relay 33, Voltage = 120; Circuit = P2-3; Area Controlled = Vestibule 100, Foyer 101: Downlights, Display; Switch Inputs = Daylight; Clock = X; Output = Dimming; Comments = On LCS-1 Master.

Item No. 35 DRAWING SHEET E4.1, PARTIAL FLOOR PLAN LOW VOLTAGE

Provide two (2) mullion-mounted entrance/exit push buttons for the power operator on Door 101.

Item No. 36 DRAWING SHEET E4.1, PARTIAL FLOOR PLAN LOW VOLTAGE

Provide a Fire Alarm Annunciator centered on the south wall in Vestibule 100. Connect to the Digital Addressable Fire Alarm System.

Item No. 37 DRAWING SHEET E4.1, PARTIAL FLOOR PLAN LOW VOLTAGE

MEETING 102, East Wall: ***Delete*** the 1" conduit connecting the upper two data receptacles and the lower two data receptacles. ***Provide*** a 1" conduit from the lower two data receptacles to the data rack in Comm 201.

Item No. 38 DRAWING SHEET E4.2, PARTIAL FLOOR PLAN LOW VOLTAGE

CIRCULATION 117: ***Delete*** the 3/4" conduit connecting the four data receptacles in the west desk and the two data receptacles in the east desk. ***Provide*** a 3/4" conduit from the two data receptacles in the east desk to the data rack in Comm 201.

Item No. 39 DRAWING SHEET E4.2, PARTIAL FLOOR PLAN LOW VOLTAGE

OPEN LIBRARY 107: ***Provide*** an additional 1" conduit from each of the two floor boxes at the six-seat study carrels to the data rack in Comm 201.

Item No. 40 DRAWING SHEET E4.2, PARTIAL FLOOR PLAN LOW VOLTAGE

CONFERENCE 115: ***Provide*** an additional 1" conduit from the floor box beneath the middle table to the data rack in Comm 201. ***Reroute*** the ¾" conduit from this floor box to the floor box in ALASKA 114.

Item No. 41 DRAWING SHEET E4.2, PARTIAL FLOOR PLAN LOW VOLTAGE

OPEN LIBRARY 107: ***Change*** the home run outside TEEN 106 from 1" to 1-1/4".

Item No. 42 DRAWING SHEET E4.3, PARTIAL FLOOR PLAN LOW VOLTAGE

OPEN LIBRARY 107: ***Change*** the two home runs on the west wall and the one on the north wall from 1" to 1-1/4".

Item No. 43 DRAWING SHEET E4.3, PARTIAL FLOOR PLAN LOW VOLTAGE

STUDY 113: ***Reroute*** the 1" conduit from the floor box to the data rack in Comm 201.

Item No.12 DRAWING SHEET C4.4, CONSTRUCTION DETAILS, Detail No. 5, Accessible Emergency Access Detail, Base Bid:

Revise detail note call to read "4" Depth Base Course Grading D-1, Compact to 95%, See Landscape".

Item No.13 DRAWING SHEET L1.0 Landscape Architecture Site Plan, PAVING SURFACES LEGEND:

Change "Colored Concrete, Davis Color: Light Grey 8084" ***to read*** "Concrete".

SITE LAYOUT AND SOILS PLAN – BASE BID:

Change "Colored Concrete (Typ.)" ***to read*** "Concrete (Typ.)".

Item No. 14 DRAWING SHEET L1.1 LANDSCAPE ARCHITECTURE SITE AND SOILS PLAN, SITE LAYOUT AND SOILS PLAN – ADDITIVE ALTERNATE 1:

Change Rolled Gravel Path as included in Base Bid to Colored Concrete (Typ.) for Additive Alternate 1.

Add note "Colored Concrete (Typ.)"

Item No. 15 DRAWING SHEET L4.1 LANDSCAPE ARCHITECTURE PLANS

Change "Colored Concrete (Typ.)" notes to "Concrete (Typ.)"

By: _____
Greg Smith, Contract Administrator

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