

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO. 1 TO CONTRACT NO. 1495

For

**ENGINE COMPANY 109
2343 SOUTH KEDZIE AVENUE
NEW CONSTRUCTION
PROJECT# 07040**

DATE: October 28, 2009

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 1: PROJECT INFORMATION, INSTRUCTIONS TO BIDDERS, AND EXECUTION DOCUMENTS:

ITEM No. 1 **Reschedule Bid Opening, Date and Time: Thursday, November 5, 2009 at 10:00AM, Room 200 on the 2nd Floor, Richard J. Daley Center, 50 West Washington Street, Chicago, IL 60602**

Changes to Book 3: TECHNICAL SPECIFICATIONS:

ITEM NO. 1 SECTION 00110 – TABLE OF CONTENTS

- A. Revise Section number in footer to "00110".
- B. Revise Division 17 title to "COMMUNICATIONS AND INTEGRATED AUTOMATION SYSTEM".
- C. Delete SECTION 15020 – SHOP DRAWINGS, PRODUCT DATA AND SAMPLES
- D. Delete SECTION 15051 – MISCELLANEOUS EQUIPMENT AND WORK

ITEM NO. 2 SECTION 01352 – SUSTAINABLE DESIGN REQUIREMENTS

- A. Delete LEED Checklist at end of Section and substitute with revised checklist included as ATTACHMENT LEED CHECKLIST.

ITEM NO. 3 SECTION 01524 – CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

- A. Paragraph 1.3.C, add the following sentence: "Any material not removed for recycling, reuse or incineration must be appropriately disposed of in a Subtitle "D" landfill per requirements in specification 02316."
- B. Paragraph 1.5.F, add the following sentence: "Recycling and processing materials must be sent to actual recycling facilities, not transfer stations where materials are sorted and then sent for disposal."
- C. Paragraph 1.5.G, add the following sentence: "Refer to specification 02316 for additional requirements."

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- D. Paragraph 1.6.D, add the following Subparagraph 1.6.D.6: "Review specification 02316 and its requirements."
- E. Subparagraph 3.1.C.2, add the following sentence: "Comply with specification 02316."
- F. Paragraph 3.6.A, add the following sentence: "Any material not removed for recycling, reuse or incineration must be appropriately disposed of in a Subtitle "D" landfill per requirements in specification 02316."

ITEM NO. 4 SECTION 02231 – TREE PROTECTION AND TRIMMING

- A. Paragraph 2.1.B, delete the words at the end of the paragraph "and conforming to Section 02318." In the first sentence, after the words "ASTM D 5268", insert the words "and Section 02318."
- B. Paragraph 3.6.B, delete the words "Section 02318" and substitute with "Section 02316."

ITEM NO. 5 SECTION 02466 – DRILLED PIERS

- A. Delete Paragraph 1.3.A.
- B. Delete Subparagraph 3.2.C.2 and substitute the following: "Remove water from excavated shafts before concreting. If water cannot be discharged onsite, obtain appropriate permitting for off-site discharge."
- C. Delete Paragraph 3.7.A and substitute the following: "Disposal: Remove surplus satisfactory soil and waste material, including unsatisfactory soil, trash, and debris, and legally dispose of it off Owner's property per specification 02316."

ITEM NO. 6 SECTION 02513 PORTLAND CEMENT CONCRETE PAVING

- A. Article 3.9, add the following Paragraph 3.9.F:
"Planter Curb: Rubbed Finish: Apply the following to smooth-formed finished cast concrete where indicated:
 - a. Smooth-Rubbed Finish: Not later than one day after form removal, moisten concrete surfaces and rub with carborundum brick or another abrasive until producing a uniform color and texture. Do not apply cement grout to other than that created by the rubbing process."

ITEM NO. 7 SECTION 02700 SEWERAGE AND DRAINAGE

- A. Delete Section and substitute with revised Section included as ATTACHMENT SECTION 02700 – SEWERAGE AND DRAINAGE.

ITEM NO. 8 SECTION 02900 LANDSCAPING

- A. Delete Section and substitute with revised Section included as ATTACHMENT SECTION 02900 - LANDSCAPING.

ITEM NO. 9 SECTION 03300 CAST-IN-PLACE CONCRETE

- A. Delete Section and substitute with revised Section included as ATTACHMENT SECTION 03300 – CAST-IN-PLACE CONCRETE.

ITEM NO. 10 SECTION 04720 – CAST STONE MASONRY

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- A. Paragraph 2.3.A, add the following Subparagraph 2.3.A.16: "StoneCast Products, Inc., www.stonecastproducts.com ."
- B. Paragraph 2.3.A, add the following Subparagraph 2.3.A.17: "Capital Cast Stone, www.capitalcaststone.com ."
- C. Paragraph 2.3.A, add the following Subparagraph 2.3.A.18: "RockCast Cast Stone, www.readingrock.com ."

ITEM NO. 11 SECTION 04810 – UNIT MASONRY

- A. Subparagraph 2.3.E.3.a.1), delete the words "Trendstone" and substitute "Verastone".
- B. Subparagraph 2.3.E.6.a delete the [period] at the end and add "or match Trenwyth; Verastone Plus, Chardonnay."
- C. Subparagraph 2.3.E.6.b delete the [period] at the end and add "or match Trenwyth; Verastone Plus, Superior."
- D. Subparagraph 2.3.E.6.c delete the [period] at the end and add "or match Trenwyth; Verastone Plus, Fossil Reef."
- E. Delete Subparagraph 2.5.C.5.a and substitute the following:
 - "Sioux City Brick
 - 1) FB1; Color: Monterey Ironspot
 - a) Texture: Smooth."
- F. Delete Subparagraph 2.5.C.5.b and substitute the following:
 - "Yankee Hill Brick & Tile
 - 1) FB1; Color: Light IS
 - a) Texture: Smooth"
- G. Subparagraph 2.5.C, add the following Subparagraph 2.5.C.5.c:
 - "The Bowerston Shale Co
 - 1) FB1; Color: Autumn Blend Clear Ironspot
 - a) Texture: Smooth"

ITEM NO. 12 SECTION 05500 – METAL FABRICATIONS

- A. Paragraph 1.2.A, add the following Subparagraph 1.2.A.6: "Metal wire exterior light fixture cages."

ITEM NO. 13 SECTION 06105 – MISCELLANEOUS ROUGH CARPENTRY

- A. Delete Paragraph 2.4.A, "Telephone, FASTENERS" and substitute with the following Article:
 - 1. "2.5: FASTENERS"
- B. Article 2.4, add the following Paragraph 2.4.A: "Telephone, Mechanical, Electrical, and Communications Equipment Backing Panels: DOC PS 1, Exposure 1, C-D Plugged, fire-retardant treated, not less than 3/4 inch (19mm) nominal thickness."

ITEM NO. 14 SECTION 06160 – SHEATHING

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A. Subparagraph 2.3.B.1, add the following Subparagraph 2.3.B.1.d: "Securock Glass-Mat Sheathing; USG Corporation. www.usg.com."

B. Subparagraph 2.5.A.1, add the following Subparagraph 2.5.A.1.g: "Blueskin VP 160; Henry Company."

ITEM NO. 15 SECTION 06611 – SOLID SURFACING FABRICATIONS

A. Paragraph 2.4.B: In the first sentence delete the words "1/4 inch" and substitute the following: "1/2 inch".

ITEM NO. 16 SECTION 07190 – WATER REPELLENTS

A. Paragraph 3.4.A, in the first sentence delete the words "Where anti-graffiti coatings are indicated,".

ITEM NO. 17 SECTION 07272 – FLUID-APPLIED MEMBRANE AIR BARRIERS

A. Subparagraph 2.1.A.1, add the following Subparagraph 2.1.A.1.e: "ProsSoCo, Inc.; R-Guard VB."

ITEM NO. 18 SECTION 07520– HOT RUBBERIZED ASPHALT ROOFING

A. Delete Subparagraph 2.2.N.1.b.

ITEM NO. 19 SECTION 08411 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

A. Article 1.5, add the following Paragraph 1.5.H: "Source Limitations: Obtain aluminum-framed entrances/doors systems and structural glass curtain wall systems for the project through one source from a single manufacturer. Additionally, obtain aluminum-framed storefront systems and operable aluminum window systems for the project through one source from a single manufacturer."

B. Subparagraph 2.2.A, add the following Subparagraph 2.2.A.7: "Wausau Window and Wall Systems www.WausauWindow.com."

C. Subparagraph 2.2.A, add the following Subparagraph 2.2.A.8: "EFCO Corporation www.EFCOCorp.com."

D. Subparagraph 2.2.A, add the following Subparagraph 2.2.A.9: "TRACO www.TRACO.com."

E. Subparagraph 2.4.A, add the following Subparagraph 2.4.A.7: "Wausau Window and Wall Systems www.WausauWindow.com."

F. Subparagraph 2.4.A, add the following Subparagraph 2.4.A.8: "EFCO Corporation www.EFCOCorp.com."

G. Subparagraph 2.4.A, add the following Subparagraph 2.4.A.9: "TRACO. www.TRACO.com."

ITEM NO. 20 SECTION 08443 – STRUCTURAL GLASS CURTAIN WALLS

A. Paragraph 1.5.D add the following: "Obtain aluminum-framed entrances/doors systems and structural glass curtain wall systems for the project through one source from a single manufacturer."

B. Subparagraph 2.1.B.1, delete the words "PPG Industries Inc.".

C. Subparagraph 2.1.B.4, delete the words "MATERIALS".

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- D. Subparagraph 2.1.B, add the following Subparagraph 2.1.B.5: "CMI Architectural Products, Inc. www.CMIArch.com."
- E. Subparagraph 2.1.B, add the following Subparagraph 2.1.B.6: "TRACO. www.TRACO.com."
- F. Subparagraph 2.1.B, add the following Subparagraph 2.1.B.7: "Tubelite, Inc. www.TubeliteInc.com."
- G. Subparagraph 2.1.B, add the following Subparagraph 2.1.B.8: "Pittco Architectural Metals, Inc. www.PittcoMetals.com."
- H. Subparagraph 2.1.B, add the following Subparagraph 2.1.B.9: "United States Aluminum www.USAlum.com."
- I. Subparagraph 2.1.B, add the following Subparagraph 2.1.B.10: "Vistawall Architectural Products www.Vistawall.com."
- J. Part 2 – PRODUCTS, insert Article words "2.2 MATERIALS" after all Subparagraphs in Subparagraph 2.1.B.

ITEM NO. 21 SECTION 08520 – ALUMINUM WINDOWS

- A. Paragraph 1.6.C add the following: "Obtain aluminum-framed storefront systems and operable aluminum window systems for the project through one source from a single manufacturer."
- B. Subparagraph 2.1.A.1, add the following Subparagraph 2.1.A.1.g: "United States Aluminum www.USAlum.com."
- C. Subparagraph 2.1.A.1, add the following Subparagraph 2.1.A.1.h: "Vistawall Architectural Products www.Vistawall.com."
- D. Subparagraph 2.1.A.1, add the following Subparagraph 2.1.A.1.i: "Tubelite, Inc. www.TubeliteInc.com."

ITEM NO. 22 SECTION 09511 – ACOUSTICAL PANEL CEILINGS

- A. Delete Paragraph 2.6.B.4.

ITEM NO. 23 SECTION 10110 – VISUAL DISPLAY SURFACES

- A. Delete Section and substitute with revised Section included as ATTACHMENT SECTION 10110 – VISUAL DISPLAY SURFACES.

ITEM NO. 24 SECTION 10280 – TOILET, BATH, AND LAUNDRY ACCESSORIES

- A. Article 2.2, add the following Paragraph 2.2.K:
"Waste Receptacle (WR-2)
 1. Manufacturer: SimpleHuman
 2. Product: Profile Open Can, small
 3. Dimensions: 11"D x 6"W x 13"H
 4. Finish: Brushed steel.
 5. Source website: www.simplehuman.com "

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ITEM NO. 25 SECTION 10671 – METAL STORAGE SHELVING

- A. Paragraph 2.4.A, delete the words “SS-1, SS-2, SS-3”, and substitute “TR-1”.

ITEM NO. 26 SECTION 11310 – KITCHEN APPLIANCES & ACCESSORIES

- A. Article 2.5, add the following Paragraph 2.5.D:
“Recycling Container (K-12):
 1. Product: Subject to compliance with requirements, provide Deskside Recycling Container, Small; Rubbermaid.
 2. Size: 11” x 8” x 12”
 3. Capacity: 13qt
 4. Color: Blue.”

ITEM NO. 27 SECTION 12310 – MANUFACTURED METAL CASEWORK

- A. Paragraph 2.3.G, delete the words “metal” and substitute “stainless steel”.
- B. Paragraph 2.3.G, delete the words “4 inches (100mm) high” and substitute “3-1/2 inches high”.

ITEM NO. 28 SECTION 12500 – FURNITURE

- A. Subparagraph 3.3.A.3, delete the words “JFDL3066-H-Q-1-1”, and substitute “JFDL3066-JH-Q-K-1*”, with cutout by manufacturer to accept hard-wired, single-sided, flip top outlet electrical unit EUE1-0000-C331W, supplied by Haworth, with (3) data and (3) power configuration.”
- B. Subparagraph 3.3.E.3, delete the words “JSPY-0230-Q-1A” and substitute “JSPY-0230-JA”.
- C. Subparagraph 3.3.P.3, delete the words “self edge” and substitute “3mm edge band”.
- D. Subparagraph 3.3.P.5, add the following Subparagraph 3.3.P.5.b: “Edge band: As selected by Architect from Manufacturer’s full range of colors and finishes.”
- E. Paragraph 3.3.V, add the following Subparagraph 3.3.V.5: “Lamp: Sylvania mini spiral.”
- F. Paragraph 3.3.W, add the following Subparagraph 3.3.W.5: “Lamp: Sylvania mini spiral.”

ITEM NO. 29 SECTION 15020 – SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

- A. Delete Section.

ITEM NO. 30 SECTION 15051 – MISCELLANEOUS EQUIPMENT AND WORK

- A. Delete Section.

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ITEM NO. 31 SECTION 15074 – VIBRATION CONTROLS FOR HVAC.

A. Article 3.5, Isolator Schedule, add the following equipment:

Equipment	Slab on Grade Paragraph	Min Static Deflect	Paragraph	Upper Floors Min Static Deflect
Water to Air Heatpumps (Ceiling Hung)	2.5A	1.0	2.5A	1.0
Water to Air Heatpumps (Slab on Grade)	2.3	0.35	2.3	0.35
Make-up Air Unit (Slab on Grade)	2.3	0.35	2.3	0.35
Water to Water Heatpumps (Slab on Grade)	2.3	0.35	2.3	0.35
Unit Heater (Ceiling Hung)	2.5A	1.0	2.5A	1.0
Air Conditioning Unit (Ceiling Hung)	2.5A	1.0	2.5A	1.0

ITEM NO. 32 SECTION 15083 – HVAC INSULATION.

- A. Delete Subparagraph 1.2.A.1.a.
- B. Delete Subparagraphs 3.13.A.1 through 3.13.A.6 and substitute the following:
 - 1. Indoor, supply and outdoor air.
 - 2. Indoor, all duct located in non-conditioned space.
 - 3. Indoor, kitchen hood exhaust.
 - 4. Indoor, exhaust between isolation damper and penetration of building exterior.
 - 5. Outdoor, supply, return and outside air."
- B. Paragraph/Schedule 3.14.C delete the line item for "calcium silicate board" insulation for kitchen exhaust ducts.
- C. Paragraph/Schedule 3.17.D delete the words "40-150" under column "FLUID TEMPERATURE RANGE (°F)" and substitute "30°F-150°F".
- D. Paragraph/Schedule 3.17.D.4 (under "Notes") delete the [period] at the end and add the following: "(heating application only)."

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ITEM NO. 33 SECTION 15110 – VALVES.

- A. Paragraph 3.2.A delete the words "Refer to piping Sections for specific valve applications." and substitute "Refer to piping sections and details for specific valve applications."
- B. Paragraph 3.2.C delete the words "Chilled-Water Piping" and substitute "Geothermal/Hot Water Piping"
- C. Delete Subparagraph 3.2.C.6.
- D. Delete Subparagraph 3.2.C.7.
- E. Delete Subparagraph 3.2.E.7.
- F. Delete Subparagraph 3.2.E.8.

ITEM NO. 34 SECTION 15181 – HYDRONIC PIPING

- A. Article 1.4 add the following Paragraph 1.4.F: "Record Drawings, drawn to scale not smaller than 1/8" = 1'-0" showing layout of hydronic piping, specialties, and fittings, including pipe sizes, flow capacities, valve arrangements and locations, wall and floor penetrations and equipment connection details. Show interface and special relationship between piping and equipment. Provide hard copies and electronic copy. Copies of design drawings or scanned drawings are not acceptable."
- B. Paragraph 3.1.A delete the words "Geothermal" and substitute "Geothermal/Heating hot".
- C. Subparagraph 3.1.A.1 add the following sentence: "Copper or bronze pressure seal fitting may be used in conjunction with Type L drawn temper copper tubing."
- D. Paragraph 3.1.B delete the words "Geothermal" and substitute "Geothermal/Heating hot".
- E. Paragraph 3.1.C delete the words "Geothermal" and substitute "Geothermal/Heating hot".

ITEM NO. 35 SECTION 15183 – REFRIGERANT PIPING

- A. Delete Section and substitute with revised Section included as ATTACHMENT SECTION 15183 – REFRIGERANT PIPING.

ITEM NO. 36 SECTION 15189 – HVAC WATER TREATMENT

- A. Paragraph 2.4.B add the following sentence: "Loop source shall include all underground piping and geothermal field on the property."

ITEM NO. 37 SECTION 15736 – COMPUTER-ROOM AIR-CONDITIONERS

- A. Delete Paragraph 2.1.J.

ITEM NO. 38 SECTION 15746 – WATER-SOURCE MAKEUP AIR UNIT

- A. Delete the words "WATER-SOURCE HEAT PUMPS" in the footer for this Section and substitute "WATER-SOURCE MAKEUP AIR UNIT".

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- B. Subparagraph 2.1.A.1 delete the words "ClimateMaster, Inc." and substitute "Above Air".

ITEM NO. 39 SECTION 15815 – METAL DUCTS

- A. Article 1.4 add the following Paragraph 1.4.E: "Record drawings (Electronic AutoCAD latest version and 1/4" = 1'-0" hard copy drawings) including duct systems routing, fittings details, reinforcing, support, and installed accessories and devices, in accordance with Division 15 and Division 1. Scanned drawings or copies of design drawings are not acceptable."
- B. Article 1.4 add the following Paragraph 1.4.F:
"LEED Submittals
1. Product Data for prerequisite EQ 1: Documentation indicating that duct systems comply with ASHRAE 62.1, Section 5 – "Systems and Equipment."
 2. Product Data for Prerequisite EA 2: Documentation indicating that duct systems comply with ASHRAE/IESNA 90.1, Section 6.4.4 – "HVAC System Construction and Insulation."
 3. Leakage Test Report for Prerequisite EA 2: Documentation of work performed for compliance with ASHRAE/IESNA 90.1, Section 6.4.4.2.2 – "Duct Leakage Tests."
 4. Duct-Cleaning Test Report for Prerequisite EQ 1: Documentation of work performed for compliance with ASHRAE 62.1, Section 7.2.4 – "Ventilation System Start-Up."
 5. Product Data for Credit EQ 4.1: For adhesives and sealants, documentation including printed statement of VOC content."

ITEM NO. 40 SECTION 15837 – VEHICLE EXHAUST SYSTEM

- A. Delete Section and substitute with revised Section included as ATTACHMENT SECTION 15837 – VEHICLE EXHAUST SYSTEM.

ITEM NO. 41 SECTION 16415 – TRANSFER SWITCHES

- A. Delete Subparagraph 2.3.E.14.

ITEM NO. 42 SECTION 17320 – TELEPHONE SETS

- A. Paragraph 1.2.B, delete and substitute the following:
"Provide and Install the following products, part numbers:
1. 12 Line LCD Speakerphones (Part number-8012S-GT).
 2. Single Line Analog Telephones (Part number-2500)."

Changes to DRAWINGS:

ITEM NO. 43 DRAWING G0.2 – INDEX OF DRAWINGS, ABBREVIATIONS, GENERAL SYMBOLS & NOTES

- A. Revise Drawing as indicated on ATTACHMENT G0.2.

ITEM NO. 44 DRAWING G0.4 – LEED CHECKLIST

- A. Delete this Drawing.

ITEM NO. 45 DRAWING CS.1 – BOTTOM OF EXCAVATION SURVEY (FOR REFERENCE ONLY)

- A. Delete Drawing and substitute as per ATTACHMENT CS.1

ITEM NO. 46 DRAWING CS.2 – TOP OF FILL SURVEY (FOR REFERENCE ONLY)

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A. Add Drawing CS.2, included as ATTACHMENT CS.2.

ITEM NO. 47 DRAWING C1.0 – SITE DEMOLITION PLAN

A. Modify Drawing as indicated on ATTACHMENT CSK-1.

ITEM NO. 48 DRAWING C2.0 – SITE DIMENSION PLAN

A. Revise Plan as per ATTACHMENT C2.0.

ITEM NO. 49 DRAWING C3.1 – SITE GRADING DETAILS

A. Modify Drawing as indicated on ATTACHMENT CSK-2.

ITEM NO. 50 DRAWING C3.2 – SITE EROSION AND SEDIMENTATION CONTROL PLAN

A. Revise Plan as per ATTACHMENT C3.2.

ITEM NO. 51 DRAWING C4.0 – SITE UTILITY PLAN

A. Revise Plan as per ATTACHMENT C4.0.

ITEM NO. 52 DRAWING C5.0 – DETAILS

A. Revise Plan as per ATTACHMENT C5.0.

ITEM NO. 53 DRAWING C5.1 – DETAILS

A. Modify Drawing as indicated on ATTACHMENT CSK-3.

ITEM NO. 54 DRAWING L1.0 – LANDSCAPE PLAN

A. Revise Plan as per ATTACHMENT L1.0.

ITEM NO. 55 DRAWING L2.0 – LANDSCAPE DETAILS AND PLANT SCHEDULE

A. Revise Plan as per ATTACHMENT L2.0.

ITEM NO. 56 DRAWING L2.1 – LANDSCAPE DETAILS

A. Revise Plan as per ATTACHMENT L2.1.

ITEM NO. 57 DRAWING AS1 – ARCHITECTURAL SITE PLAN & DETAILS

A. ARCHITECTURAL SITE PLAN

1. Revise plan and key note legend as per ATTACHMENT AS1.

B. PIER ELEVATION

1. Revise elevation as per ATTACHMENT AS1.

ITEM NO. 58 DRAWING A1.1 – FLOOR PLAN

A. Revise plans and details as per attachment A1.1.

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- ITEM NO. 59 DRAWING A1.2 – CLERESTORY PLAN AND DETAILS
- A. PLAN DETAIL
 - 1. Revise detail as per ATTACHMENT ASK-1.
- ITEM NO. 60 DRAWING A1.3 – ROOF PLAN
- A. ROOF PLAN
 - 1. Modify Drawing as indicated on ATTACHMENT A1.3.
- ITEM NO. 61 DRAWING A2.1 – REFLECTED CEILING PLANS AND DETAILS
- A. Revise plans and details as per ATTACHMENT A2.1.
- ITEM NO. 62 DRAWING A3.1 – EXTERIOR BUILDING ELEVATIONS
- A. Revise elevations as per ATTACHMENT A3.1.
- ITEM NO. 63 DRAWING A5.1 – WALL SECTIONS AND DETAILS
- A. Revise sections and details as per ATTACHMENT A5.1.
- ITEM NO. 64 DRAWING A5.2 – WALL SECTIONS AND DETAILS
- A. Revise sections and details as per ATTACHMENT A5.2.
- ITEM NO. 65 DRAWING A5.3 – WALL SECTIONS AND DETAILS
- A. Revise sections and details as per ATTACHMENT A5.3.
- ITEM NO. 66 DRAWING A5.4 – WALL SECTIONS AND DETAILS
- A. Revise sections and details as per ATTACHMENT A5.4.
- ITEM NO. 67 DRAWING A6.1 – EXTERIOR PLANS, SECTIONS AND ELEVATIONS
- A. Detail 43 – ROOF LADDER DETAIL
 - 1. Delete this Drawing.
 - B. Detail 53 – PLAN DETAIL
 - 1. Revise detail as per ATTACHMENT ASK-2.
- ITEM NO. 68 DRAWING A6.3 – TOWER COMM ROOM ROOF PLAN AND ROOF DETAILS
- A. ROOF PERIMETER DETAIL @ CLERESTORY
 - 1. Revise detail as per ATTACHMENT A6.3.
 - B. ROOF EXPANSION JOINT DETAIL
 - 1. Revise detail as per ATTACHMENT A6.3.
- ITEM NO. 69 DRAWING A6.5 – ROOF DETAILS
- A. ROOF ACCESS LADDER SECTION

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1. Revise detail as per ATTACHMENT A6.5.

ITEM NO. 70 DRAWING A7.1 – ENLARGED STAIR PLANS, SECTIONS AND DETAILS

- A. Revise plans, sections and details as per ATTACHMENT A7.1.

ITEM NO. 71 DRAWING A7.2 – STAIR SECTIONS AND DETAILS

- A. Revise sections and details as per ATTACHMENT A7.2

ITEM NO. 72 DRAWING A8.1 – ENLARGED INTERIOR PLANS, SECTIONS AND DETAILS

- A. Revise plans, sections and details as per ATTACHMENT A8.1.

ITEM NO. 73 DRAWING A8.2 – ENLARGED INTERIOR PLANS, SECTIONS AND DETAILS

- A. Revise plans, sections and details as per ATTACHMENT A8.2

ITEM NO. 74 DRAWING A8.3 – ENLARGED INTERIOR PLANS, SECTIONS AND DETAILS

- A. Revise plans, sections and details as per ATTACHMENT A8.3

ITEM NO. 75 DRAWING A8.4 – ENLARGED INTERIOR PLANS, SECTIONS AND DETAILS

- A. Revise plans, sections and details as per ATTACHMENT A8.4.

ITEM NO. 76 DRAWING A8.5 – ENLARGED INTERIOR PLANS, SECTIONS AND DETAILS

- A. Revise plans, sections and details as per ATTACHMENT A8.5.

ITEM NO. 77 DRAWING A8.6 – INTERIOR DETAILS

- A. Revise details as per ATTACHMENT A8.6.

ITEM NO. 78 DRAWINGS A10.0 – INTERIOR ELEVATION

- A. INTERIOR CORRIDOR 101 – WEST
 1. Delete dimension on fire extinguisher cabinet.

ITEM NO. 79 DRAWING A12.1 – DOOR AND FRAME SCHEDULE & DETAILS

- A. Revise door and frame schedule and details as per ATTACHMENT A12.1.

ITEM NO. 80 DRAWING A13.1 – ROOM FINISH, SIGNAGE SCHEDULE AND FINISH PLAN

- A. Revise plans, schedule and details as per ATTACHMENT A13.1.

ITEM NO. 81 DRAWING A13.2 – FINISH PLANS AND DETAILS

- A. Detail 41 – LARGE SCALE FINISH PLAN – APPARATUS ROOM
 1. Delete the words “WHITE 3M STAMARK CONTRAST MARKING TAPE, SERIES 380I-5ES, TYP.” and substitute “ERF LINE STRIPING”

ITEM NO. 82 DRAWING A16.1 – FURNITURE PLANS AND DETAILS

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- A. Revise plan as per ATTACHMENT A16.1.

ITEM NO. 83 DRAWING A16.2 – FURNITURE LEGEND, PLANS AND DETAILS

- A. Revise plan and legend as per ATTACHMENT A16.2.

ITEM NO. 84 DRAWING S1.2 – LOW ROOF FRAMING PLAN

- A. PLAN DETAIL 1 - LOW ROOF FRAMING PLAN

- 1. Delete the plan note near Grid F/4.5 that reads:

"Fall arrest roof anchors by others. Precast manufacturer to design plank to accommodate load indicated in structural notes. (typ). Coord. locations w/Architectural Drawings"

and substitute the following note:

"Fall restraint support location (typ.) by fall restraint support manufacturer. See Architectural Drawings for exact location and additional information. General Contractor to coordinate all fall restraint anchor bolt locations between the fall restraint manufacturer and the precast plank manufacturer. See general note 13 on S1.2 for additional information."

ITEM NO. 85 DRAWING S3.1 - PRECAST PLANK & MASONRY DETAILS

- A. DETAIL 9 - MASONRY SUPPORT SECTION AT CANTILVERED PLAN - GRID 5.3

- 1. Delete note at top CMU bond beam that reads

"Grouted CMU bond beam w/(2) #5 horizontal bars. Extend bars North 24" into hose tower CMU walls(typ)."

and substitute the following note:

"Grouted CMU bond beam w/(2) #5 horizontal bars. Provide standard hook into hose tower CMU walls (typ)."

ITEM NO. 86 DRAWING S3.3 – MASONRY WALL ELEVATIONS

- A. ELEVATION 1 - HOSE TOWER EAST ELEVATION

- 1. Delete elevation note #1 that reads:

"Provide brick support angle above CMU wall opening similar to L3/S3.2."

and substitute the following note:

"Provide brick support angle above CMU wall opening and above slab on metal deck between Grids 5 and 5.3 similar to L3/S3.2."

ITEM NO. 87 DRAWING S4.1 – STEEL DETAILS & COLUMN SCHEDULE

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- A. DETAIL 18 - VEHICLE EXHAUST EXTRACTION SUPPORT DETAIL
 - 1. Add Detail 18/S4.1, included as ATTACHMENT SSK - 1.
- B. DETAIL 19 - VEHICLE EXHAUST EXTRACTION SUPPORT DETAIL AT GRID E
 - 1. Add Detail 19/S4.1, included as ATTACHMENT SSK - 2.

ITEM NO. 88 DRAWING E1.1 – ELECTRICAL SITE PLAN

- A. KEYED NOTE 2
 - 1. Modify Drawing as indicated on ATTACHMENT ESK-1.
- B. KEYED NOTE 9
 - 1. Modify Drawing as indicated on ATTACHMENT ESK-1.
- C. ELECTRICAL SITE PLAN
 - 1. Revise site plan as per ATTACHMENT ESK-2.

ITEM NO. 89 DRAWING E3.1 – ELECTRICAL RISER DIAGRAMS

- A. ELECTRICAL POWER RISER DIAGRAM
 - 1. Revise diagram as per ATTACHMENT ESK-3.

ITEM NO. 90 DRAWING E4.2 – ELECTRICAL SCHEDULES

- A. LIGHTING FIXTURE SCHEDULE
 - 1. Revise schedule as per ATTACHMENT ESK-4.

ITEM NO. 91 DRAWING P0.0 – PLUMBING SCHEDULES

- A. PLUMBING FIXTURE SCHEDULE
 - 1. Revise schedule as per ATTACHMENT PSK-1.

ITEM NO. 92 DRAWING P1.1 – PLUMBING UNDERGROUND FLOOR PLAN

- A. PLUMBING UNDERGROUND FLOOR PLAN
 - 1. Revise plan as per ATTACHMENT PSK-2.

ITEM NO. 93 DRAWING P1.2 – PLUMBING SUSPENDED SANITARY FLOOR PLAN

- A. PLUMBING SUSPENDED SANITARY FLOOR PLAN
 - 1. Revise plan as per ATTACHMENT PSK-3.

ITEM NO. 94 DRAWING P1.3 – PLUMBING SUSPENDED WATER FLOOR PLAN

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A. PLUMBING SUSPENDED WATER FLOOR PLAN

1. Revise plan as per ATTACHMENT PSK-4.

ITEM NO. 95 DRAWING P1.4 – PLUMBING SUSPENDED STORM FLOOR PLAN

A. PLUMBING SUSPENDED STORM FLOOR PLAN

1. Revise plan as per ATTACHMENT PSK-5.

ITEM NO. 96 DRAWING P1.5 – PLUMBING ROOF PLAN

A. PLUMBING ROOF PLAN

1. Revise plan as per ATTACHMENT PSK-6.

ITEM NO. 97 DRAWING M0.1 – VENTILATION SCHEDULE AND GENERAL NOTES

A. Revise as per ATTACHMENT M0.1.

ITEM NO. 98 DRAWING M1.2 – HVAC FLOOR PLAN

A. Revise plan as per ATTACHMENT M1.2.

ITEM NO. 99 DRAWING M5.1 – MECHANICAL SCHEDULES

A. Revise Water Source Heat Pumps (Water to Air) note 6 to read: "Provide extended Stainless Steel redundant condensate drain pan."

ITEM NO. 100 DRAWING IAS1.01 – IAS FLOOR PLAN

A. IAS FLOOR PLAN DETAILS

1. Revise plan as per ATTACHMENT IAS1.01.

ITEM NO. 101 DRAWING IAS2.01 – IAS NETWORK ARCHITECTURE

A. IAS NETWORK SYSTEM ARCHITECTURE DIAGRAM

1. Revise as per ATTACHMENT IAS2.01.

B. GENERAL SEQUENCES

1. Revise as per ATTACHMENT IAS2.01.

ITEM NO. 102 DRAWING IAS4.01 – IAS DETAILS AND POINTS LISTS

A. MAU-1 DIAGRAM

1. Revise plan as per ATTACHMENT IAS4.01

B. MAU-1 SEQUENCE OF OPERATION

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1. Revise plan as per ATTACHMENT IAS4.01

ITEM NO. 103 DRAWING IAS4.02 – IAS DETAILS AND POINTS LISTS

A. HP-1 THROUGH HP-9 SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.02

B. GRH-1 THROUGH GRH-8 SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.02

ITEM NO. 104 DRAWING IAS4.03 – IAS DETAILS AND POINTS LISTS

A. LOAD AND GROUND SOURCE HYDRONIC LOOP DIAGRAM

1. Revise plan as per ATTACHMENT IAS4.03

B. LOAD AND GROUND SOURCE HYDRONIC LOOP SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.03

ITEM NO. 105 DRAWING IAS4.04 – IAS DETAILS AND POINTS LISTS

A. EF-5 SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.04

B. EF-7 SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.04

ITEM NO. 106 DRAWING IAS4.05 – IAS DETAILS AND POINTS LISTS

A. EF-10, 11, 12, 13 POINTS LISTS

1. Revise plan as per ATTACHMENT IAS4.05

B. CO/NO2 CONTROL PANEL

1. Revise plan as per ATTACHMENT IAS4.05

ITEM NO. 107 DRAWING IAS4.06 – IAS DETAILS AND POINTS LISTS

A. EF-15 SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.06

B. KEF-1 DIAGRAM

1. Revise plan as per ATTACHMENT IAS4.06

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C. KEF-1 SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.06

ITEM NO. 108 DRAWING IAS4.07 – IAS DETAILS AND POINTS LISTS

A. UH, CUH SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.07

ITEM NO. 109 DRAWING IAS4.08 – IAS DETAILS AND POINTS LISTS

A. MISCELLANEOUS MONITORING SEQUENCE OF OPERATION

1. Revise plan as per ATTACHMENT IAS4.08

ITEM NO. 110 DRAWING IAS4.09 – DCD & INEGRATION DETAILS

- A. Revise plan as per ATTACHMENT IAS4.09

QUESTIONS & ANSWERS:

- A. QUESTION: In the specifications section 16781 – CCTV System and Components the specifications details an analog camera solution. The Technology print T3.1 also shows the layout for an analog camera solution, but the T5.1 print shows IP network cameras. Are we supposed to bid an analog camera solution or an IP camera solution?
 1. RESPONSE: The CCTV system should be capable of deploying an analog-based video system as well as digitally based, IP-based signaling system without any significant changes to the horizontal infrastructure.
- B. QUESTION: On sheet A13.1 there are numerous rooms called to receive sealed concrete floors. I didn't see any product information in the specifications for the sealer. Please provide.
 1. RESPONSE: We have provided a concrete sealer as part of Addendum 1.
- C. QUESTION: On drawing M1.1 there is a note stating "Geothermal Field shown for reference only. See sheet GC1.0". Bid package does not include this drawing, please provide.
 1. RESPONSE: Drawings GC1.0 and GC1.1 are part of the contract documents. Please contact Cushing if these sheets were not included in your drawing sets.
- D. QUESTION: Note on C1.0 states "Contractor to coordinate the removal, temporary relocation, and reinstallation of existing bus shelter with CTA and JC Decaux". Are we (Contractor) just coordinating the relocation, reinstallation efforts or are we actually performing the relocation, reinstallation efforts. The note can be interpreted either way
 1. RESPONSE: Contractor to coordinate the removal, temporary relocation, and reinstallation of the existing bus shelter by JC Decaux with CTA and JC Decaux.
- E. QUESTION: It is unclear as to the extent of the site remediation that is currently taking place. Please clarify what condition the site will be in at the start of this project. Please provide as-built drawings of the

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final state of the site as left by the site prep contractor. If the site prep contractor is not completed, please provide a drawing showing what bidding GCs should assume regarding how the site will be left for them.

1. RESPONSE: "Top of Fill" survey and "Bottom of Excavation" survey are included in the bid documents for reference by the Contractors, as well as the design drawings from the site preparation scope of work.

- F. QUESTION: Specification section 04860-3 calls for a Class III High-Density Dolomitic Limestone product to be used on this project, this product is a proprietary product and only supplied by Arriscraft International out of Canada. Their local salesman is out of Minnesota. Please find out if we can provide a locally supplied product: Class II Medium-Density Oolitic Limestone manufactured by Indiana Limestone. This product will cost less than the specified limestone.
1. RESPONSE: Only a Class III High-Density Dolomitic Limestone product is acceptable.
- G. QUESTION: Sheet A12.1, the door schedule, frame type S is identified for Aluminum Doors; however there is no frame type S indicated in the door frame elevations. Please clarify.
1. RESPONSE: These are exterior frames and are elevated with the other exterior frames for the project.
- H. QUESTION: Please verify the capacity of the UPS batteries.
1. RESPONSE: 40KVA
- I. QUESTION: Please verify the duration requirements for the UPS battery backup.
1. RESPONSE: 125 percent of rated full load for 10 minutes.
- J. QUESTION: E1.1 identifies a total of (9) cameras. On Sheet T3.1, camera CCTV-5 is not shown. Is CCTV-5 to be included in this proposal.
1. RESPONSE: Yes, CCTV-5 should be included in the bid. This camera is not tied to the base building CCTV system. It should be mounted on a radio tower and be controlled and monitored directly by OEMC.
- K. QUESTION: The spec section 17320 indicates a requirement for (25) speaker phones & (4) single line phones. T1.2 & E2.1 do not seem to reflect that amount of tele/data locations. Please verify that the quantity specified is accurate.
1. RESPONSE: Verify exact quantity with construction documents. The specification section 17320 has been revised. See above.
- L. QUESTION: In the truck bays there is intumescent painting called out for on different components. I am not able to find what the required hourly rating is for each different structural member. It is not possible to price this out accurately without the information. For intumescent paint to be priced we need to know: What each structural member is, and what the hourly rating is for each of those members.
1. RESPONSE: The hourly rating requirement is listed in the specifications. Refer to the structural drawings for the size of structural members.
- M. QUESTION: Drawing TP.1 shows the potential locations of existing building footings that we need to remove for portions of our scope of work. There is a note on the drawing that states that a color version of the drawing is available upon request. Could you please provide that color version so that we can more easily see where potential existing footings may be located?
1. RESPONSE: Cushing has these documents ready to print. Please make your requests for documents to them.

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- N. QUESTION: Please reference Specification Section 08443-2.6 D.1.a. Color and Gloss of curtain wall aluminum finish are to match "MWP1." It is unclear what "MWP1" is. Please clarify the exact color and gloss intended by "MWP1"
1. RESPONSE: "MWP1" is one of the colors of the metal wall panel systems. Please refer to those specifications for further information and matching of colors.
- O. QUESTION: Is metal trim required at all outside corners of tile and where it meets the terrazzo shower pan?
1. RESPONSE: Yes, per the details this is required.

List of Attachments:

LEED CHECKLIST
SECTION 02700 – SEWERAGE AND DRAINAGE.
SECTION 02900 - LANDSCAPING.
SECTION 03300 – CAST-IN-PLACE CONCRETE.
SECTION 10110 – VISUAL DISPLAY SURFACES
SECTION 15183 – REFRIGERANT PIPING
SECTION 15837 – VEHICLE EXHAUST SYSTEM
G0.2
CS.1
CS.2
C2.0
C3.2
C4.0
C5.0
CSK-1
CSK-2
CSK-3
L1.0
L2.0
L2.1
AS1
A1.1
A1.3
A2.1
A3.1
A5.1
A5.2
A5.3
A5.4
A6.3
A6.5
A7.1
A7.2
A8.1
A8.2
A8.3
A8.4

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A8.5
A8.6
A12.1
A13.1
A16.1
A16.2
ASK-1
ASK-2
SSK-1
SSK-2
ESK-1
ESK-2
ESK-3
ESK-4
PSK-1
PSK-2
PSK-3
PSK-4
PSK-5
PSK-6
M0.1
M1.2
IAS1.01
IAS2.01
IAS4.01
IAS4.02
IAS4.03
IAS4.04
IAS4.05
IAS4.06
IAS4.07
IAS4.08
IAS4.09

END OF ADDENDUM NO. 1

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