

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO. 3 TO CONTRACT NO. 1514  
FOR

12<sup>th</sup> District Police Station  
1412 S. Blue Island Ave.  
New Construction

BY: VOA Associates Incorporated

DATE: July 13, 2010

**NOTICE OF CHANGES IN CONTRACT DOCUMENTS**

The following changes are hereby made in the Contract Documents. Insofar as the prior Contract Documents are inconsistent herewith, the changes mentioned hereinafter shall govern unless the original language takes precedence according to the Order of Precedence of Components of the Contract Documents.

**In Book 3A, Technical Specification, SECTION 02515, "Unit Pavers",**

1. Revise paragraph 2.1.A.1.a with the following:
  - a. Licensee of Uni-Group U.S.A. that markets unit pavers in Project location; *Series 3000*
2. Revise paragraph 2.3 A. with the following:
  - A. Concrete Pavers: Solid paving units, made from normal-weight concrete with a compressive strength not less than 6000 psi (41 MPa), water absorption not more than 5 percent according to ASTM C 140, and no breakage and not more than 1 percent mass loss when tested for freeze-thaw resistance according to ASTM C 67.
    1. Thickness: 2-3/8 inches (60 mm).
    2. Face Size and Shape: 12 inches (305 mm) square.
    3. Color: As selected by Architect from manufacturer's full range

**In Book 3A, Technical Specification, SECTION 12000, "Furniture, Fixtures & Equipment",**

1. Replace paragraph 2.1.L.3.f with the following:
  - f. SC-5A Spacesaver Corporation secure weapons storage cabinet with storage for 10 rifles. Cabinet shall be capable of storing Remington Model 870. *Model # UWRC4261* with 10-gun base, support rail, folding cabinet doors fully retractable in the open position and rotating locking bars with a single common lock point, 42.38" wide x 16.25" deep x *61"* high. Paint finish shall be factory applied electrostatic powder coat, color as selected by the architect from the

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manufacturer's full range. Gang cabinets together using manufacturer supplied hardware.

### DRAWINGS:

1. SURVEY SHEET 1 of 2
  1. Replace Survey with revised survey Sheets 1 of 2 and 2 of 2, copy attached.
2. SURVEY SHEET 2 of 2
  1. Replace Survey with revised survey Sheets 1 of 2 and 2 of 2, copy attached.
3. SHEET A7.1 "Stair Plans / Sections"
  1. Revise sections 1 and 2 on Sheet A7.1 to reflect revised guardrail detail as indicated on ASK.58, copy attached.
4. SHEET A7.2 "Stair Plans / Sections"
  1. Revise sections 1 on Sheet A7.2 to reflect revised guardrail detail as indicated on ASK.59, copy attached.
5. SHEET A7.4 "Stair Details"
  1. Revise sections 1,5 and 7 on Sheet A7.4 to reflect revised guardrail detail as indicated on ASK.60, copy attached.
6. SHEET A9.1 "Partition Types"
  1. Revise partition types D5, D6 and D7 as indicated on ASK.12r, copy attached.
7. SHEET A16.1 "2<sup>nd</sup> Flr Furniture Schedule, Plans & Details"
  1. Revise Detail FP-1A at Equipment Issue Room 242 per ASK.57, copy attached.
8. SHEET P4.3 "Plumbing Details"
  1. Detail 1 Rainwater Harvesting Diagram: Revise the detail to coordinate with civil sheet C4.0 and C4.1 issued in Addendum 2 dated July 9, 2010.
9. SHEET ES1.1 "Electrical Site Plan"
  1. Add Sheet Note 5 to read as follows:
    5. Underground electrical conduit and duct banks located under the structural slab shall be supported from the structural slab with required hanger system. Refer to specifications and Structural detail 11 on Sheet S2.4 for slab imbed anchor details.
10. SHEET EX1.0 "Excavation Plan"

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1. Add Sheet EX1.0, "Excavation Plan"
  2. Extent of sheet piling shown for protection of existing utilities in the public right-of-way.
11. SHEET EX1.1 "Excavation Details"
1. Add Sheet EX1.1, "Excavation Details"
  2. Sheet piling shown for protection of existing utilities in the public right-of-way.

### QUESTIONS & ANSWERS:

- A. QUESTION: In Section 12000 – 15 through 12000 – 16 my manufacturers weapons racks (Spacesaver Corp) are listed. Remington 870 rifles do not fit in a 45" cabinet, they will need to be in 61" cabinet for proper storage. Please advise. Sorry for the late notice, estimating just discovered the issue. Section referenced: Cabinet shall be capable of storing Remington Model 870- Model # UWRC4245 with 10-gun base, support rail, folding cabinet doors fully retractable in the open position and rotating locking bars with a single common lock point, 42-38" wide x 16-25" deep x 45" high.
1. **RESPONSE:** One (1) 61" tall cabinet shall be provided stacked over one (1) 45" tall cabinet. Please refer to the above notations revising Specification Section 12000 and Sheet A16.1.
- B. QUESTION: Drawing S2.4 detail 11; Drawing P1.0 note 12. Can you please clarify this detail for a building that is being constructed "Slab-on-Grade" with no basement? What MEP underground piping systems was this detail to apply to?
1. **RESPONSE:** The design intent is for the piping indicated to be suspended from the bottom of the structural 1<sup>st</sup> floor slab as detail S2.4 indicates. The information provided in the geotechnical report indicated poor soil conditions which may exhibit settlement over time. While the piping is buried in the ground and under the 1<sup>st</sup> floor slab the intent is to support the piping by the slab above and not the soil. For piping to be suspended below the 1<sup>st</sup> floor structural slab per detail S2.4 see note 12 sheet P1.0 and note for Geo-Thermal Piping on Sheet MS1.1.
- C. QUESTION: We would appreciate your clarification of the following item at your earliest convenience. Detail 4 on sheet A6.4 indicates keynote 111-B, "continuous galvanized ½" thick steel anchor plate." Is this really required at all the parapets? Please verify that this plate is only required where the curtain wall is full height per detail 1/A6.7. Part 2.19 of specification section 05500, Metal Fabrications, calls for ¼" thick steel plate caps to be welded to the tops of the bollards. Detail 9 on sheet C5.2 does not call for the cap. Are ¼" thick cap plates required?
1. **RESPONSE:** Keynote 111-B indicated on Detail 4 Sheet A6.4 will not apply to the typical parapet wall detail. The continuous galvanized ½" thick steel anchor plate will only be required at the top of full height curtain wall as indicated in detail 1/A6.7. Detail 9 on Sheet C5.2 shall be governing detail for Pipe Bollards. Decorative Bollard detailing shall be as indicated in the documents.
- D. QUESTION: Please clarify the following: Earlier this year the PBC JOC contractor did site prep work at the site which included surveying following excavation/select demolition and then again after backfill of the excavations. Drawing C1.1 references an as-built survey provided by the JOC contractor. I would expect there would be a post-excavation and post-backfill survey which is needed for earthwork estimating.

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1. **RESPONSE:** The following as-built survey information prepared by JOC contractor: "Excavation and Site Preparation As-Built Drawing of Record" and "Final Ground Elevations As-Built Drawing of Record", were included in Addendum No. 2 dated July 9, 2010.
  
- E. **QUESTION:** Per the EDI Phase II Investigation Report in Appendix E to spec book 3C identified that a soil sample collected at EDI boring location EDI-7 contained naphthalene "at 2.13 mg/kg which is above the construction worker inhalation of 1.8 mg/kg". The OSHA/NIOSH recommended exposure limit to naphthalene is 10 ppm and the maximum 15 minute duration exposure limit is 15 ppm. Accordingly, will the MEC be providing continuous real time air monitoring for naphthalene to ensure that these exposure limits are not exceeded or is the contractor responsible for this air monitoring? Also, if the OSHA exposure limits are exceeded will upgrades in personnel protective equipment to include use of respiratory protection by HAZWOPER trained personnel be required and, if so, will this be an extra work item or is contractor expected to build use of HAZWOPER trained personnel and respiratory protection equipment into base proposal?
  1. **RESPONSE:** Please refer to Specification Section 02316, section 1.5 A.1.a through I, included in Addendum No. 2 dated July 9, 2010.
  
- F. **QUESTION:** In regards to the response to RFI question Q, on page 13 of 17 of addendum #1; is the response "all toilet room walls are to receive full height ceramic tile..." adding ceramic wall tile in lieu of the painted walls noted for rooms 182, 183, 195, and 196?
  1. **RESPONSE:** No, All toilet rooms which are scheduled to receive ceramic wall tile shall receive tile full height as indicated per elevation detail 18/A8.2. Room finishes are scheduled on A13.1 and A13.2.
  
- G. **QUESTION:** Only rooms to receive tile are (109,110,131,49,190,191,197,205,226,229,231,240)?
  1. Please clarify which walls are to receive tile in each room (and /or where it starts/stops)?
  2. Only rooms to receive ceramic floor tile are (109,110,140,190,191,205)?
  3. Who is responsible for pitching floors (Spec calls for thinset installation)?
  4. All shower plans are pre-fab (by plumbing)?
  1. **RESPONSE:**
    1. See Addendum 1 Question Q response dated July 1, 2010.
    2. See Addendum 1 Question S response dated July 1, 2010. Also refer to ASK.47 issued in Addendum 2 dated July 9, 2010.
    3. Refer to Specification Section 03300 "Cast-in-Place Concrete" paragraph 3.8.E.4 regarding concrete placement.
    4. Pre-Cast Terrazzo shower basins SH-1 and SH-2 are scheduled and noted on Plumbing Drawings.
  
- H. **QUESTION:** Room 231 shows a WC-3 and WC-4 which are not on the schedule. Please advise. Room 228 shows WC-3 and WC-4 not on the schedule. Please advise. Are WC's in Rooms 110,190,191,140,133 and 131 tagged wrong? Please advise.
  1. **RESPONSE:** Fixtures WC-3 and WC-4 are scheduled in the plumbing fixture schedule on Sheet P5.1. The bid documents initially posted on the Cushing website for this project erroneously included documents for the former site at 1410 South Ashland Ave. This error has been corrected and these documents have been removed.

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I. QUESTION: Sheet P1.01 appears to be missing information that is shown on P1.0 and P1.1B. Please advise.

1. RESPONSE: The bid documents initially posted on the Cushing website for this project erroneously included documents for the former site at 1410 South Ashland Ave. This error has been corrected and these documents have been removed. Sheet P1.01 was part of this set.

J. QUESTION:

1. Drawing Index G0.2 and Landscape Plan L1.1 referenced drawing AS3.1. This drawing has not been provided. Does this actually mean AS3? Please advise us.
2. Specification TOC includes Section 02550 – Permeable Pavers. The pdf file provided is titled Spec 02350 that seems to be an in-progress spec file. Please confirm whether this is the final spec that we need to follow.
3. The finish drawings 13.1 and 13.2 state that TER 1, 2, and 3 - Color to be selected by Design Architect. Please advise us the formulas for the three colors, specifically the aggregate percentages. If there is a glass, what are the percentages of glass, mirror, recycled glass, or marble chips for each Terrazzo color?
4. On Cushing's website, there are still 100% review specs posted. Are we supposed to implement those specs for this project?

1. RESPONSE:

1. Drawing Index and Landscape plan L1.1 reference the sheet provided. Sheet AS3 provided shall be renamed as Sheet AS3.1.
2. Section 02550 "Permeable Pavers" is the correct specification. Section 02350 is not part of the bid documents. The bid documents initially posted on the Cushing website for this project erroneously included documents for the former site at 1410 South Ashland Ave. This error has been corrected and these documents have been removed.
3. TER 1, 2, and 3 are to match terrazzo samples to be provided by architect. These samples do contain recycled glass chips. Contractor shall be responsible to comply with the requirements of specification Section 09400 "Terrazzo" paragraph 1.3.F regarding LEED Submittals.
4. Contractor should only view specifications from the Cushing Website in the Folder marked "Issue for Bid" dated 06/14/10 and the subsequent Addendum 1 and Addendum 2 folders. The folder on the Cushing website titled "Current Set" has been removed.

K. QUESTION: Previous bid documents contained a document (Paragraph C – Corporate Resolution). The current set of documents for the 12<sup>th</sup> District, do not contain such a document. Please advice.

1. RESPONSE: Book 1 "Project Information, Instructions to Bidders and Execution Documents – Contract No. 1514" dated May 2010, deleted this document.

L. QUESTION: I was going thru Addendum 2 for PD 12. I noticed it says that Sheet TE5.5 and TE6.1 are attached and I do not see those prints

1. RESPONSE: All of the Addendum 2 drawings and sketches are posted to the Cushing Website. This includes TE5.5 and TE6.1 mentioned above.

M. QUESTION: The drawings call for Trendstone, but the specifications call for Trendstone Plus. Which material will be required for the project?

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1. **RESPONSE:** Ground-Face CMU shall be provided as specified per specification section 04200 "Unit Masonry".
  
- N. **QUESTION:** I have a question regarding the paver type on Sheet 2.0. The plans say it is a brick paver. However, the specifications are vague in its description of the paver. We don't know paver type, dimension, color or finish. The only detail I found showed a 2" x 12" paver.
  1. **RESPONSE:** There is no Sheet 2.0. Unit Pavers shall be provided as specified in specification Section 02515 and as indicated on Sheet AS3.1, A1.1B and A1.1D. Refer to the technical specifications section of this addendum for more information.

### Attachments:

#### Drawings

Survey Sheet 1 of 2 dated 6/28/10

Survey Sheet 2 of 2 dated 6/28/10

ASK.12r dated 7/13/10

ASK.57 dated 7/12/10

ASK.58 dated 7/13/10

ASK.59 dated 7/13/10

ASK.60 dated 7/13/10

PSK.18 dated 7/12/10

END OF ADDENDUM NO. 03

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