

**PUBLIC BUILDING COMMISSION OF CHICAGO**

**ADDENDUM NO. 2 TO PROJECT NO. 05620  
For  
Chicago Vocational Career Academy High School – Phase I Renovation**

**DATE:** February 3, 2014

**NOTICE OF CHANGES IN CONTRACT DOCUMENTS**

The following changes are hereby made in the Contract Documents. This Addendum forms part of the Contract Documents for the above named project and contains the following:

**Changes to Book 1: Project Information and Proposal and Execution Documents**

1. None

**Changes to Book 2: None**

**Changes to Book 3: Drawings and Specifications**

**A. ATTACHMENTS**

1. This Addendum includes responses to RFIs received by prequalified bidders and Sub-Contractors. RFI responses are attached at the end of this addendum document.
2. This Addendum includes the following attached Documents and Specification Sections:
  - a. Section 04 01 20 – Maintenance of Unit Masonry, dated 01-31-2014, new.
3. This Addendum includes the following attached Sheets:
  - a. Mechanical Sheets M1.2C, M1.2J, M1.4D, M8.15, dated 01-31-2014, (reissued)
  - b. Electrical Sheets E4.1, E4.6, E4.8, dated 01-31-2014, (reissued).
  - c. Plumbing Sheets PSK-1 and PSK-2, dated 01-31-14.

**B. REVISIONS TO BOOK 3, DIVISIONS 02 - 49 SPECIFICATION SECTIONS**

1. Specification Section 024119 – SELECTIVE DEMOLITION (not reissued)
  - a. 1.2.B.1 – For Division 2 references, add the following specifications after "Asbestos Abatement for Exteriors": "Lead-Based Paint Abatement", "Hazardous and Universal Waste Management", "Animal Excrement and Carcass Abatement", "Microbial Remediation".
  - b. 1.7.D.1 – Omit "Managing" from "Managing Environmental Consultant".
2. Section 04 01 20 – Maintenance of Unit Masonry, dated 01-31-2014, (new)

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3. Specification Section 061053 – Miscellaneous Rough Carpentry, (not reissued)
  - a. Renumber Paragraph 2.3 “Miscellaneous Materials” to Paragraph 2.4.
  - b. Insert the following as Paragraph 2.3:

### “2.3 SOLID-SURFACE-MATERIAL

- A. Solid Surface Material: Homogeneous solid sheets of filled plastic resin complying with ANSI SS1.
  1. 3/4-inch thick, solid surface material with edges built-up with same material
  2. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. Avonite Surfaces
    - b. Formica Corporation
    - c. Wilsonart International Holdings, Inc.
  3. Type: Provide Standard Type unless Special Purpose Type is indicated.
  4. Colors and Patterns: As selected by Architect from manufacturer’s full range.”
4. Specification Section 123553 – Wood Laboratory Casework (not reissued)
  - a. Delete 2.1.A.1.a – “Collegedale Casework, Inc.” from list of acceptable manufacturers.

## C. REVISIONS TO DRAWING SHEETS

1. AD1.0B THROUGH AD1.2L (ALL ARCH DEMO SHEETS), (not reissued)
  - a. Modify key note #6 to read: “REMOVE PAINT FROM MASONRY WALLS. CLEAN MASONRY AND PREP WALLS FOR NEW FINISH WHERE APPLICABLE. SEE SCHEDULE FOR FINISH.”
2. A4.1 THROUGH A4.8 – OVERALL AND PARTIAL ROOF PLAN(S), (not reissued)
  - a. Note added to each sheet to read: The existence of lead-based paint was observed on various roof components and lead based paint impacting work should be performed in compliance with 02 83 19.13
3. A6.1 – EXTERIOR ELEVATIONS – SITE PLAN, (not reissued)
  - a. Remove note at East Lobby: “Interior Work: Repair/clean all terrazzo/tile/terracotta/plaster surfaces. (5000SF).”
  - b. Remove note at North Lobby: “Salvage terra cotta and terrazzo for reuse. (500 SF terrazzo/100 terra cotta units).”
4. A9.1 – DOOR AND FRAME SCHEDULE & ELEVATIONS, (not reissued)
  - a. Delete entire “FRAME DEPTH” column from DOOR AND FRAME SCHEDULE
  - b. Add note “K” under “DOOR AND WINDOW FRAME SCHEDULE GENERAL NOTES”: “CONTRACTOR TO COORDINATE FRAME DEPTH WITH WALL TYPES ON SHEET G0.4, AND FRAME DETAILS ON SHEET A9.2”.
  - c. Change hardware set for door #025A to “53”.
5. A9.4 – EXHIBITION HALL (not reissued)
  - a. Delete sheet.
6. A10.1 – DETAILS, (not reissued)

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- a. Detail 11 – Add note to detail: “STEEL TUBE SUPPORTS TO BE ANCHORED DIRECT TO STRUCTURAL SLAB. REMOVE WOOD FLOORING TO ACCOMMODATE ANCHORAGE OF WALL TO SLAB.”
7. S5.3 – STEEL DETAILS, (not reissued)
  - a. Added note #5 below detail 1/S5.3 to say, “NEW FITTED PLATE THICKNESS TO MATCH EXISTING COLUMN WEB OR FLANGE THICKNESS. PROVIDE WELD AS INDICATED WITH MINIMUM 3/16” THICKNESS OR AISC MINIMUM WELD SIZE, WHICHEVER IS GREATER.”
  - b. Added note #6 below detail 2/S5.3 to say, “NEW FITTED PLATE THICKNESS TO MATCH EXISTING COLUMN WEB OR FLANGE THICKNESS. PROVIDE WELD AS INDICATED WITH MINIMUM 3/16” THICKNESS OR AISC MINIMUM WELD SIZE, WHICHEVER IS GREATER.”
8. S5.5 – EXTERIOR STAIR FOUNDATIONS, (not reissued)
  - a. Added note #4 below detail 3/S5.5 to say, “WIDTH OF NEW FOOTING TO BE 6'-0" WITH A 1'-0" TOE AND A THICKNESS OF 1'-0".”
9. M1.2C – MECHANICAL VENTILATION PLAN, SECOND LEVEL - AREA C, (reissued)
  - a. Relocated and revised new return duct in room.
10. M1.2J – MECHANICAL VENTILATION PLAN, SECOND LEVEL - AREA J, (reissued)
  - a. Clarify minimum temperature rating of fire damper for kiln exhaust.
11. M1.4D – MECHANICAL VENTILATION PLAN, ATTIC LEVEL - AREA D, (reissued)
  - a. Indicate return duct in attic.
12. M8.15 – MECHANICAL ENLARGED PLANS (AHU-8) AND DETAILS, (reissued)
  - a. Indicate return duct through space from 2<sup>nd</sup> floor to attic.
13. E4.1 – ELECTRICAL POWER RISER DIAGRAM VAULT A-1, (reissued)
  - a. Revised power supply information for roof top units RTU-3, 9.
14. E4.6 – ELECTRICAL POWER RISER DIAGRAM VAULT C-1, (reissued)
  - a. Revised power supply information for roof top units RTU-4, 5, 6, 7.
15. E4.8 – EXISTING ELECTRICAL VAULT B & D-1 EXPANSION RISER DIAGRAM, (reissued)
  - a. Revised sheet title to include D-1 expansion.
  - b. Revised size of transformer TR-D3.
  - c. Revise size of primary fuse and size of grounding electrode conductor of transformer TR-D3
  - d. Revised size of distribution board DP-D3.
  - e. Tagged housekeeping pad of P-BASE-D4 with keyed note 4.
16. P0.2B – DOMESTIC WATER PLUMBING PLAN, BASEMENT LEVEL –AREA B (Not Reissued)
  - a. Delete ¾" pipes shown under Room 153.
17. P0.2C - DOMESTIC WATER PLUMBING PLAN, BASEMENT LEVEL –AREA C (Not Reissued)
  - a. Install 3" CW pipe from boiler room to pool filter in pool equipment room.
  - b. Remove 4" HW pipe connecting to pool filter.
  - c. Install pump PHP-1, in 4" pool heater piping inside pool equipment room. See PSK-2 for pool heater pump schedule.
18. P0.2D - DOMESTIC WATER PLUMBING PLAN, BASEMENT LEVEL –AREA D (Not Reissued)

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- a. Install 3" CW pipe from boiler room to pool filter in pool equipment room.
- 19. P0.2E - DOMESTIC WATER PLUMBING PLAN, BASEMENT LEVEL –AREA E (Not Reissued)
  - a. Install 3" CW pipe from boiler room to pool filter in pool equipment room.
- 20. P0.2F - DOMESTIC WATER PLUMBING PLAN, BASEMENT LEVEL –AREA F (Not Reissued)
  - a. Install 3" CW pipe from boiler room to pool filter in pool equipment room.
- 21. P0.2H - DOMESTIC WATER PLUMBING PLAN, BASEMENT LEVEL –AREA H (Not Reissued)
  - a. Install 3" CW pipe from boiler room to pool filter in pool equipment room.
- 22. P0.2L - DOMESTIC WATER PLUMBING PLAN, BASEMENT LEVEL –AREA L (Not Reissued)
  - a. Delete 1" pipe located under the center of Room 104.
  - b. Delete 1" pipe located under the center of Rooms 106A and 106C
- 23. P3.4 – ENLARGED BASEMENT DOMESTIC WATER PIPING PLAN (Not Reissued)
  - a. Install 3" CW pipe from boiler room to pool filter in pool equipment room,
- 24. P4.7 – PLUMBING SCHEDULES (Not Reissued)
  - a. Sump Pump Schedule revised, see attachment PSK-1
  - b. Plumbing Pump Schedule revised to include Pool Heater Pump, PHP-1. See Attachment PSK-2

END OF ADDENDUM NO.2

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<b>RFI#</b>	<b>Question</b>	<b>Answer</b>
113	Please provide the specification for kiln duct as none appears in specification 23 31 13. Also confirm the use of a FD with a 165° link if the insulation needs to be rated at 200°.	Kiln kit specifies a maximum duct temperature of 160°F per manufacturer. Exhaust duct construction is acceptable for this temperature. Refer to kiln kit manufacturer for details. The Fire Damper link temperature for this exhaust duct does need to be increased to 200°F. This change will be indicated and clarified in Addendum 2.
114	Room 245 shows a 12x12 duct up. Upon review of the third floor drawings + S-8 mechanical room the duct has no origin. Please advise.	This is a new return duct which is to extend from the room up through the S-8 mechanical room into the attic and connect to the return main in the attic. The return duct shall be reduced from 12x12 to be 10"round. This change will be indicated and clarified in Addendum 2.
115	There is an existing Simplex 4100 fire alarm system that protects the Chicago Vocational Campus. The drawings depict a separate duct detection panel, trouble bells, and annunciators which are to be installed with this project. Per City of Chicago code, duct detection can be monitored by the existing fire alarm panel without needing to add a duct detector panel, annunciator, or trouble bells. Can it be assumed that the City Compliant method of having the existing panel monitor the duct detection will be acceptable to the PBC on this project.	BID the Fire Alarm system as specified in the documents.
116	E4.12 -# 17 States that all devices shall have synchronous operation. The current strobes and horn/strobes that are in the facility are "non-synchronous". Can it be clarified that only <u>new</u> strobe and horn/strobe circuits will have synchronous operation.	All new strobes located in the same room (space) shall be synchronized. All new and existing strobes located in the same room (space) shall be synchronized.
117	Per addenda 1, the unit pricing has eliminated Item No. 7-13. RFI Question response #4 refers Unit prices 7-13 to specific details on the structural drawings. Please clarify.	Unit prices #7-#13 were meant for scope beyond the cost of work if applicable. They were therefore eliminated. The structural details referenced per RFI#4 are to be included in the bid as part of the cost of work.
118	It appears that a majority of the main water lines on the P0.1 drawings (tunnel/basement) are not sized. Most of the branch piping has sizes called out. Are there risers or some other drawings that show the sizes of the water mains located in the tunnels/basement?	Drawings revised to show pipe sizes per Addendum, #1
119	Can copper piping be used for water piping 3" and larger instead of gray iron?	Gray pipe shall be used as specified in Section 22 11 16.
120	There does not appear to be a specification section for pool water piping. Is the piping for pool water to be the same as domestic (i.e. copper)?	Pool shall be Gray pipe as specified in Section 22 11 16 for pipe sizes larger than 3 inches and for non-potable water.

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121	Can you please tell me if there are any floor coatings such as polished concrete or epoxy coatings under division 9?	Concrete floor coatings are included in the project under Division 9 – section 099723, and are thus identified in the finish schedule. No epoxy coatings are included in the project.
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