

**PUBLIC BUILDING COMMISSION OF CHICAGO**

**ADDENDUM NO. 2 TO CONTRACT NO. C1540**

**For**

**DURKIN ELEMENTARY SCHOOL Annex**

8445 S. Kolin Avenue

Chicago, IL 60631

**DATE:** January 23, 2012

**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:**

**Change 1:** Reschedule Bid Opening Date and Time: **Friday, January 27, 2012 at 11AM** at the office of the PBC, Richard J. Daley Center, 50 West Washington, Room 200.

**CHANGES TO BID DOCUMENT DRAWINGS:**

<b>Change #2</b>	<b>Sheet G1.1, Drawing Index;</b> Under the plumbing heading, after PD1.1, <b>ADD</b> new sheet identification ‘PD1.1A Plumbing Demolition First Floor Annex Plan’.
<b>Change #3</b>	<b>Sheet SL.1 Site Logistics Diagrams;</b> <b>DELETE</b> detail 1, Site Logistic Diagram, and <b>REPLACE</b> with <b>REVISED</b> Site Logistic Diagram as shown on attached sketch ASK-5.
<b>Change #4</b>	<b>Sheet C2.0, plan view 1;</b> <b>REVISE</b> driveway width dimension from 26’ to 24’ as shown on attached sketch CSK-04.
<b>Change #5</b>	<b>Sheet C5.3, Detail 4;</b> <b>ADD</b> Overflow opening detail with insect mesh at interior of cisterns as shown on attached sketch CSK-05.
<b>Change #6</b>	<b>Sheet A12.1, Door Schedule – Annex;</b> A. At Opening D101B, in key note column, <b>ADD</b> key note “15” to schedule. B. At Opening D104, in label column, <b>REVISE</b> door and frame assembly label from “B” to “A”.
<b>Change #7</b>	<b>Sheet FS1, Food Service Equipment Schedule;</b> At Item Number 20, <b>REVISE</b> quantity of tray carts from 6 to 4.
<b>Change #8</b>	<b>Sheet S1.1, Foundation Plan;</b> A. At column C-8, <b>REVISE</b> column mark to C5 as indicated on attached sketch SSK-08. B. At columns C-7, C-8, C-9, and D-8, <b>REVISE</b> column footing mark to F8.0 as indicated on attached sketch SSK-08.
<b>Change #9</b>	<b>Sheet S1.1, Foundation Plan;</b>

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	<b>ADD</b> exterior concrete retaining wall control joints at courtyard and north retaining walls as identified on attached sketches SSK-11, SSK-12, SSK-13 & SSK-14. Joints shall be full height, longitudinal reinforcement shall stop either side of joints.
<b>Change #10</b>	<b>Sheet S1.2, Roof Framing Plan;</b> At beam along grid line “8” between grid lines “C” and “D”, <b>REVISE</b> beam size to W30x108 as indicated on attached sketch SSK-09.
<b>Change #11</b>	<b>Sheet S2.2, Detail 11 Typical Section at Cantilevered CMU Wall;</b> <b>REVISE</b> detail note as indicated on attached sketch SSK-10.
<b>Change #12</b>	<b>Drawing ES1.1;</b> <b>ADD</b> General note “General note: Refer to Sheet E4.1 and E4.2 for all conduit sizing unless noted otherwise”.
<b>Change #13</b>	<b>Drawing ES1.1, Keyed note 12;</b> Clarify conduit size / requirements; <b>REVISE</b> keyed note to read: “AT&T fiber and 100 pair service to be extended to new MDF room. Provide new 3” conduit in shared ductbank with Comcast conduit with inner duct and 2 pull strings.”
<b>Change #14</b>	<b>Drawing ES1.1, Detail 1;</b> A. <b>REVISE</b> keyed note tag “13” on conduit south of new handhole near the existing kitchen to keynote “11”. B. <b>ADD</b> a note to the section of conduit between the existing building and handhole near the main entrance door, and handhole near the main office: “(2) 1-inch conduits” each location. C. <b>ADD</b> new keynotes 19, 20 & 21 to keyed note legend and to plan as shown on attached sketch ESK-6.
<b>Change #15</b>	<b>Drawing E1.1A;</b> <b>DELETE</b> exterior pull station near column lines F-2.
<b>Change #16</b>	<b>Sheet E1.1B, Detail 1;</b> On floor plan, adjacent to existing building office, <b>DELETE</b> keyed note “6” at existing conduit that extends from the existing Main Office ICC to the existing IDF in the 6-classroom Annex (room Storage E201A); this conduit is correctly keyed 7 elsewhere on plan.
<b>Change #17</b>	<b>Sheet E1.1B, Keyed Note 6;</b> <b>REVISE</b> note to identify conduit size; “Provide new 1-inch conduit with pull string from exterior hand hole, refer to ES1.1 for location, to existing electric door strike.”
<b>Change #18</b>	<b>Sheet E2.1A;</b> <b>DELETE</b> exterior exit sign and associated battery pack on courtyard side of Vestibule C / E208C. <b>REVISE</b> note for exit sign only: “Provide blank coverplate where existing Exit Sign is removed, paint adjacent wall to match existing where sign is removed if unfinished”.
<b>Change #19</b>	<b>Sheet E5.1, Lighting Schedule;</b> <b>ADD</b> note to lighting fixture schedule: “All Battery Units shall comply with CEC 18-27-700.66C(1) and C(2)”.

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<b>Change #20</b>	<b>Sheet PD1.1A;</b> ADD new sheet, with detail 1, Plumbing Demolition First Floor Annex Plan, as shown on attached sketch PSK-1.
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**CHANGES TO SPECIFICATIONS**

**CHANGES TO BOOK 3 TECHNICAL SPECIFICATIONS:**

<b>Change #21</b>	<b>Schedule of Drawings;</b> Under the plumbing heading, after PD1.1, <b>ADD</b> new sheet identification “PD1.1A Plumbing Demolition First Floor Annex Plan”.
<b>Change #22</b>	<p><b>Specification Section 01113;</b> Under sub-section 1.4 Construction Operations Plan, <b>DELETE</b> 1.4(A), sub-parts 1, 2 &amp; 3, and <b>REPLACE</b> with the following:</p> <p><b><u>1. Work Area “I” - New One-Story Annex:</u></b></p> <ul style="list-style-type: none"> <li>• All Work associated with the construction of the new one-story annex, site improvements, courtyard work, landscaping, utility relocation and other utility work as shown on the contract documents shall commence upon issuance of the NTP. The Contractor shall obtain Substantial Completion for all work in Work Areas “I” and “IA” by no later than November 29, 2012.</li> <li>• Temporary utility shut-offs and service disruption will only be permitted on off hours between the hours of Friday 6:00 pm through Monday 7:00 am. All utility shut-offs and service disruption requires written approval of the PBC Authorized Representative in conjunction with the CPS.</li> <li>• All Work associated with the furnishing and installation of utility services to the new one-story annex shall commence upon issuance of the NTP and be completed by no later than August 24, 2012. Utility shut-offs will only be permitted on off hours between the hours of Friday 6:00 pm through Monday 7:00 am. All utility shut-offs require written approval of the PBC Authorized Representative in conjunction with the CPS.</li> <li>• All Work associated with the furnishing and installation of main system tie-ins to existing services including, but not limited to, computer network, phone, cable TV, water, sewer, BAS controls, security, fire alarm, and sprinkler system shall be coordinated with work Area “II”.</li> <li>• Work in Area “IA” includes site utility and infrastructure work serving work Area “I”, site restoration, and parking improvements. Work in Area “IA” may occur concurrent with work in Area “I” subject to prior written approval by Authorized Commission Representative in conjunction with CPS and the school. Work in area “IA” shall be completed no later than November 29, 2012.</li> </ul> <p><b><u>2. Work Area “II” - Existing Building Interior Renovations:</u></b></p> <ul style="list-style-type: none"> <li>• No Work shall take place in the Existing Building until environmental remediation has been completed in accordance with the contract documents. Environmental remediation, with the exception of work in room E114, E114A, E114B, and E114D as designated on the contract documents (collectively referred to as E114), will be permitted during the school spring break from April 2, 2012 through April 7, 2012,</li> </ul>

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and during the school summer break from June 18, 2012 through August 24, 2012. Environmental remediation activities within E114 may occur during the school winter break, following CPS removal of food service equipment, after December 19, 2012 through January 6, 2013.

- Upgrades to the existing building fire alarm and sprinkler systems as outlined on the contract documents may occur, following environmental remediation activities, between June 18, 2012 through August 24, 2012. The fire alarm and sprinkler systems serving the existing facility shall be fully operational by no later than August 24, 2012, to permit occupancy of the school buildings for the fall 2012 school session. The Contractor shall obtain a Certificate of Occupancy from the Authorities Having Jurisdiction for all areas of the existing facility to permit occupancy by students by August 24, 2012.
- The new fire alarm and sprinkler systems shown on the contract documents shall be interconnected with the existing facility and operational as a single system to serve both the existing building and new annex by no later than November 29, 2012 (concurrent with substantial completion for the Annex). There shall be no interruption to life safety services, including but not limited to, the fire alarm and sprinkler system for portions of the existing occupied facility while occupied.
- The existing computer network components, phone, cable TV, and security systems currently serving the existing facility shall remain fully operational in their current configuration while any part of the facility is occupied and until such time as new permanent services and upgrades as outlined on the contract documents are installed and ready for service cut-over to permanent (final) systems. All permanent systems serving the facility, with the exception of renovation work in room E114, E114A, E114B, and E114D, shall be in place, and operational no later than November 29, 2012. Any service disruption(s) for service cut-over(s) shall occur when building(s) is/are unoccupied with advance written approval by PBC and CPS.
- Selective roof and coping demolition and roof patching at the northern areas of the existing buildings for new annex connection may commence following completion of environmental activities after June 18, 2012 and shall be complete by no later than August 24, 2012.
- Work shown in rooms E114, E114A, E114B, E114D, and all associated work, may commence when all the following requirements have been met;
  - a. After the Contractor has obtained Substantial Completion for the new Annex building and associated work in Work Areas “I” and “IA”, and
  - b. After the Contractor has obtained Certificate of Occupancy from the Department of Buildings and approval by Chicago Department of Public Health (CDPH) for the new Annex and associated work in Work Areas “I” and “IA”, and
  - c. After CPS removal of all mobile food service equipment
  - d. Following environmental remediation activities and
  - e. After December 19, 2012
- Work shown in rooms E114, E114A, E114B, E114D and all associated work, shall be completed no later than April 7, 2013.
- All other work in work Area “II”, as outlined on the contract documents, not specifically noted or described above shall be completed no later than August 24, 2012.

### **3. Work Area “III” – Removal of Existing 4-Classroom Modular Unit:**

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	<ul style="list-style-type: none"> <li>• All Work designated within Work Area “III” (including, but not limited to, the disconnection and removal of all utilities, the removal of the existing 4-classroom modular unit and associated elements, site restoration, and associated work) may commence, in coordination with CPS and PBC when all of the following requirements have been met:             <ul style="list-style-type: none"> <li>a. After the Contractor has obtained Substantial Completion for the new Annex building and associated work in Work Areas “I” and “IA”, and</li> <li>b. After the Contractor has obtained Certificate of Occupancy from the Department of Buildings and approval by Chicago Department of Public Health (CDPH) for the new Annex and associated work in Work Areas “I” and “IA”, and</li> <li>c. Following environmental remediation activities and</li> <li>d. After December 19, 2012</li> </ul> </li> <li>• The Contractor shall obtain Substantial Completion for all work in Work area “III” by no later than May 17, 2013.</li> <li>• Utility shut-offs shall be performed by the contractor. Temporary shut-offs and service disruption will only be permitted on off hours between the hours of Friday 6:00 pm through Monday 7:00 am. All utility shut-offs require written approval of the PBC Authorized Representative in conjunction with the CPS.</li> <li>• After termination of all Modular classroom unit utilities by contractor, CPS shall disassemble and remove modular unit, all FF&amp;E items in the modular classroom unit, stairs, and ramp.</li> <li>• Following removal of modular unit by CPS the Contractor shall remove all remaining foundations, footings, utility infrastructure, etc. and restore the site as indicated on the contract documents.”</li> </ul>
<b>Change #23</b>	<p><b>Specification Section 04200 Unit Masonry;</b>  <b>DELETE</b> 04200(2.1)(G) and <b>REPLACE</b> with:          “G. Reinforcing Bars:          1. ASTM 615, Grade 60, deformed.          2. ASTM 775, Grade 60, epoxy coated, with less than 2 percent damaged coating in each 12-inch bar length.          3. Where reinforcing bars are used, provide rebar positioners.”</p>
<b>Change #24</b>	<p><b>Specification Section 08710 Door Hardware;</b>          Under 3.4 Hardware sets, under Set #52, <b>DELETE</b> the electric hold/ release from this hardware set.</p>
<b>Change #25</b>	<p><b>Specification Section 17780 Distributed Audio-Visual Communication Systems;</b>  <b>ADD</b> new specification Section 177780 Distributed Audio-Visual Communication Systems, 11-pages, attached.</p>

**QUESTIONS & ANSWERS:**

<b>Q:01</b>	<p><b>A3.0 KN 7 calls “acoustic mechanical equipment surround panels”. Please provide specifications for the acoustical panels at the roof. Please note these panels are typical at Durkin Elementary. Please provide specifications for each respective school.</b></p>
A:01	<p><b>The Sound Control Barrier system is specified in section 13080. Please refer to clarifications issued with Addendum No.1.</b></p>

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<b>Q:02</b>	<b>In the recycle room and the janitor closets the wall tag calls for the scored CMU. Yet in the boiler and pump rooms it is not identified as such, neither in the kitchen or the electrical rooms. I understand the need for the base as it is a sanitary component for moping, but is this what the AOR intended or is it a computer generated error?</b>
A:02	The identification of 8x8 scored CMU shown on the plans is intentional. The intent of the 8x8 scored CMU is intended for a certain aesthetic appearance on CMU walls in public areas (i.e. classrooms, corridors, vestibules, toilet rooms, dining & servery, hallway, tray drop-off, linked-connection to existing building areas. The 8x8 scored CMU is not intended primarily for the aesthetics in the custodial and service areas (areas to be used exclusively by staff). Some Custodial areas will, due to their proximity or adjacency to public areas, receive scored CMU. Please note the clarification of 8x8 scored CMU in Vestibule 131 identified in Addendum No.1. Refer to finish plans and details for wall base finish; ground-face filled CMU, tile, epoxy, or vinyl wall base as scheduled.
<b>Q:03</b>	<b>Drawing A13.0</b> <b>a. Detail 9 calls for traffic coating under foot grilles. Will this be required under the existing grilles as well as any new ones?</b> <b>b. Is the traffic coating in rooms 112 and 113 required on the tops and sides of the equipment pads?</b>
A:03	a. Detail 9 only applies to new foot grilles installed in the new Annex, existing foot grilles are not in the work scope (NIC). b. Traffic coating is required for all floor walking surfaces in rooms as scheduled, the horizontal surfaces of housekeeping pads themselves do not serve as traffic surfaces and thus do not require traffic coating, the vertical surface of the pad perimeter(s) abut the traffic surface and shall receive min. 4”H traffic coating base as outlined in the project specification 07570.
<b>Q:04</b>	<b>Please clarify the following milestone dates listed in section 01113 Area of Work II – Existing Building Interior Renovation Bullet point #3 states that main system tie-in to existing service completed by 4/7/13 Bullet point #4 states that permanent utility services and life safety system serving existing building fully operational by 8/24/12 If we are doing main system tie-ins in April 2013, how do we have PERMANENT completed in August 2012?</b>
A:04	Refer to updated specification section 01113 and drawing SL.1 as referenced in Addendum No.2.
<b>Q:05</b>	<b>Spec section 04200 Part 2 paragraph 2.1-G calls for epoxy coated rebar. Are we to use epoxy coated rebar at all interior walls or is the intent of the architect to use the epoxy coated rebar at exterior facing walls only?</b>
A:05	Refer to Addendum 2 for detail and specification clarifications. Also reference the following: a. Sheet S2.2 details 7, 11 & 16 and details on sheet S2.4 which identify where epoxy coated reinforcement are structurally required for both concrete and CMU. b. Refer to Civil drawings for areas where epoxy coated reinforcing bars are required for exterior concrete work. c. Reference specification section 03300 for concrete reinforcing requirements.
<b>Q:06</b>	<b>On item #20 there are 4 carts shown on the drawing (FS1), but the equipment schedule is asking to provide 6 - which is the correct quantity?</b>
A:06	Four is the correct quantity, refer to Addendum No.2.

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**ATTACHMENTS:**

1	ASK-5, 1-page attached.
2	CSK-04, 1-page attached.
3	CSK-05, 1-page attached.
4	SSK-08, 1-page attached.
5	SSK-09, 1-page attached.
6	SSK-10, 1-page attached.
7	SSK-11, 1-page attached.
8	SSK-12, 1-page attached.
9	SSK-13, 1-page attached.
10	SSK-14, 1-page attached.
11	PSK-1, 1-page attached.
12	ESK-5, 1-page attached.
13	ESK-6, 1-page attached.
14	17780 Distributed Audio-Visual Communication Systems, 11-pages attached.

**END OF ADDENDUM NO.2**