

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO.2 TO CONTRACT NO. C1545  
For  
ALEXANDER GRAHAM BELL ELEMENTARY SCHOOL ADDITION  
3730 N. OAKLEY  
PROJECT NO.: 05530

DATE: December 11, 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:** In Book 1, Article IV. Contractor's Bid, delete the BID FORM in its entirety and replace with the revised BID FORM, dated December 11, 2012.

**Change 2:** Change Project # to read as **Project # 05530**, on the front cover of Book 1 and in Article II Project Information.

**Changes to Book 3: TECHNICAL SPECIFICATIONS:**

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| <b>Change 1:</b>  | Specification Section 00 01 10, at Table of Contents delete reference to sections 282307A "DVS System 20111213" and 282307B "DVS System" and replace with 28 23 07 "Digital Video Surveillance System and Components (for Existing Schools and Additions). |
| <b>Change 2:</b>  | Specification Section 00 10 20 Information for Bidders:<br>Delete Asbestos Containing Material Survey report, dated 11/08/2012, with Asbestos Containing Material Survey report, dated 12/10/2012  |
| <b>Change 3:</b>  | Specification Section 00 10 20 Information for Bidders:<br>Delete Lead Based Paint Survey report, dated 11/08/2012, with Lead Based Paint Survey report, dated 12/10/2012  |
| <b>Change 4:</b>  | Specification Section 00 10 20 Information for Bidders:<br>Delete Hazardous Materials and Universal Waste Survey report, dated 11/08/2012, with Asbestos Containing Material Survey report, dated 12/10/2012   |
| <b>Change 5:</b>  | Section 01 14 11 Construction Operations and Site Utilization Plan:<br>Delete section in its entirety and replace with revised section 12/10/2012.   |
| <b>Change 6:</b>  | Specification Section 02 26 00 Hazardous Materials Assessment<br>Delete section in its entirety and replace with revised section.  |
| <b>Change 7:</b>  | Specification Section 02 82 14 Asbestos Abatement – Interiors<br>Delete section in its entirety and replace with revised section.  |
| <b>Change 8:</b>  | Specification Section 02 82 15 Asbestos Abatement – Exteriors<br>Delete section in its entirety and replace with revised section.  |
| <b>Change 9:</b>  | Specification Section 02 83 19.13 Lead-Based Paint Abatement<br>Delete section in its entirety and replace with revised section.   |
| <b>Change 10:</b> | Specification Section 02 86 13 Hazardous and Universal Waste Management<br>Delete section in its entirety and replace with revised section.  |
| <b>Change 11:</b> | Specification Section 08 56 13 Aluminum Windows Accessible:<br>Delete section in its entirety and replace with revised section, dated 12/11/12.  |
| <b>Change 12:</b> | Omit specification sections 282307A "Digital Video Surveillance Infrastructure and Backbone System" and 282307B "DVS System" in their entirety and replace with 28 23 07 "Digital Visual   |

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|                   | Surveillance System and Components (for Existing Schools and Additions)", Project Rev.: E_12/11/12.   |
| <b>Change 13:</b> | There are duplicated specifications included in Book 3 (Issued for Bid on 11/15/12); Delete specification 27 11 16 "Communications Cabinets Racks and Enclosures", CPS Rev.: 1_03/18/11 in its entirety. Valid specification 27 11 16 "Communications Cabinets Racks, and Enclosures", CPS Rev. 5_08/15/12 shall be retained and used for this project. |

**Changes to Drawings:**

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| <b>Change 1:</b>  | Delete Drawings EDI.001 through EDI.011, dated 11/15/2012, with Drawings EDI.001 through EDI.011, dated 12/10/2012   |
| <b>Change 2:</b>  | Sheet D1.2, drawing 1:<br>At (E) Music > (N) Classroom E309, change detail callout from 1/A13.4 to 5/A8.5.3  |
| <b>Change 3:</b>  | Sheet AS.1, drawing 1:<br>At transformer pad/enclosure, add dimensions for transformer pad. Pad dimensions to be 7'-0" in E/W direction centered in enclosure and 6'-6" in N/S direction, 2'-0" clear of north wall. Add to transformer note the following: "Verify pad dimensions with Com-Ed requirements" |
| <b>Change 4:</b>  | Sheet A1.3A, drawing 1:<br>At the parapet transitions along gridlines A.5 and D, just east of 3.8 add detail callouts for 9/A6.4.1   |
| <b>Change 5:</b>  | Sheet A2.2A, drawing 1:<br>Add 2 recessed can lights at the entrance to Science 204 as indicated on sheet E3.2A  |
| <b>Change 6:</b>  | Sheet A6.4.1:<br>Add detail 9/A6.4.1 as indicated in attached ASK-07, dated 12.11.12   |
| <b>Change 7:</b>  | Sheet A8.2:<br>Add detail 12/A8.2 as indicated in attached ASK-08, dated 12.11.12  |
| <b>Change 8:</b>  | Sheet A8.2, detail 7:<br>Add cabinet size designations for upper and lower cabinets; WC 36, WC12, WC12, WC24, BC 24, BC24, BC36.   |
| <b>Change 9:</b>  | Sheet A8.3, detail 3:<br>Add cabinet size designations for upper cabinets WC36, WC12, WC12, WC24.  |
| <b>Change 10:</b> | Sheet A8.5.1, drawing 1:<br>At note "Existing window A/C unit" pointing to A/C unit along west wall in library, add note "(to remain)"   |
| <b>Change 11:</b> | Sheet A8.5.1, detail 1:<br>In Nurse Suite Exam Room EN134, add one "G3" soap dispenser and one "H3" paper towel dispenser at the exam room lavatory.   |
| <b>Change 12:</b> | Sheet A8.5.2, detail 4:<br>Add cabinet size designations for upper cabinets WC24, WC36, WC36.  |
| <b>Change 13:</b> | Sheet A8.5.3, drawing 7:<br>At note "(16) 2-tier lockers + 3 locking storage cabinets" pointing to lockers along the north wall add note "(existing, to remain)"   |
| <b>Change 14:</b> | Sheet A10.0, drawings 9 + 10:<br>Add note pointing to p-lam countertop that states "Chemical resistant p-lam countertop and backsplash at Science lab and Science Storage room"  |
| <b>Change 15:</b> | Sheet A13.0, Finish Schedule, Millwork/Casework:<br>In the third row of the table add symbol PL-3; material "Plastic Laminate"; description "Selected by Architect from manufacturer's full range of colors"   |
| <b>Change 16:</b> | Sheet S0.1, Excavation & Foundation Notes:<br>Delete note #7 in its entirety and replace with the following text:<br>"7. For Base Bid, assume that unsuitable fill ( <i>i.e. asphalt, gravel, urban fill</i> ) and/or soils extend to  |

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|                   | <p>the greater depth of the following: 5'-0" below existing grade <u>or</u> 1'-0" below bottom of footings.</p> <p>7a. Where unsuitable fill and/or soils extend below that which is defined as Base Bid in Note 7, (5'-0" below existing grade <u>or</u> 1'-0" below bottom of footings), remove the unsuitable material and replace it with a well-graded engineered fill or approved alternate material as recommended in the soil report. When unsuitable fill and/or soils are discovered to extend below that which is defined as Base Bid, this additional excavation shall be paid for out of the Site Allowance as directed by the Authorized Commission Representative. Refer to soil report for a detailed list of properties that the engineered backfill material must have. Also refer to the soil report for further information about excavation and site preparation under building footings and foundations."</p>  |
| <b>Change 17:</b> | <p>Sheet S0.1, Excavation &amp; Foundation Notes:<br/>Delete note 14 parts B, C, and D and replace with the following:</p> <p>"B. The exposed sub-grade should then be scarified to a minimum depth of 8-inches, moisture conditioned to within +/-2% of the optimum moisture content and compacted to 95% of the materials maximum dry density as determined by the modified proctor method – ASTM D 1557.</p> <p>C. After completion of scarification and compaction activities, the sub-grade should then be proof-rolled under the observation of representative of a qualified testing agency retained by the Owner, using a tandem axle dump truck or similar rubber tire vehicle weighing at least 25 tons. Areas which are observed to rut or deflect excessively under the moving load should be investigated to determine the extent of the unstable material. Remove unsuitable material discovered while compacting the existing sub-grade and replace as indicated below.</p> <p>D. Replace all unsuitable existing fill removed with a well graded structural fill material that complies with the requirements listed in the soil report. The structural fill should be placed in lifts not exceeding 8" in loose thickness and compacted to a minimum of 95% of ASTM D-1557 density. Use the same procedure and engineered fill material to bring the existing sub-grade to the final design elevation required to support the new slab-on-grade."</p> |
| <b>Change 18:</b> | <p>Sheet M1.2A, drawing 1:<br/>Remove square near the intersection of gridlines 3 and A.5</p>  |
| <b>Change 19:</b> | <p>Add new sheet A5.7 with FCU BAS Diagram as indicated in attached MSK-07, dated 12.11.12</p>   |
| <b>Change 20:</b> | <p>Sheet P0.1A, Underground Plumbing Plan</p> <ol style="list-style-type: none"> <li>1. Extend 4" CW line from pump room to 5' outside of building due west. Coordinate route to city main with civil drawings.</li> <li>2. Route pump room floor drain and janitors closet floor drain vents exposed inside room adjacent to block wall in lieu of inside wall</li> <li>3. (3) vents up from floor drains at column 2-B are to be relocated to south side of column B and installed and arranged to fit within chase as seen on First Floor Plan.</li> </ol>  |
| <b>Change 21:</b> | <p>Sheet P1.1A, Plumbing First Floor Plan – Addition</p> <ol style="list-style-type: none"> <li>1. Route pump room floor drain and janitors closet floor drain vents exposed inside room adjacent to block wall in lieu of inside wall. Vent pipes are to be routed as close to wall as possible and strapped to wall.</li> <li>2. (3) vents up from floor drains at column 2-B are to be relocated to south side of column B and installed and arranged to fit within chase as seen on First Floor Plan. Once above ground combine (3) 2" vents into single 3" stack and connect to 3" vent in first floor ceiling as shown on sheet.</li> </ol>  |

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| <b>Change 22:</b> | <p>Sheet E3.2A, Electrical 2-nd Floor Plan – Lighting - Addition:</p> <ol style="list-style-type: none"> <li>At Stair A2-202 middle landing, provide Two (2) additional F24 wall sconces fixtures at opposite side of the landing. Connect to local staircase circuit.</li> </ol> <p>At Stair B2-203 middle landing omit F11 ceiling grid light fixture and provide Two (2) additional F24 wall sconces fixtures at opposite side of the landing. Connect to local staircase circuit.</p> |
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**QUESTIONS & ANSWERS:**

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| <b>1</b> | <p>Specification section 12 32 00, 2.4, A, B. indicates epoxy resin counter tops and sinks for science rooms. Sheet A10.0 has various notes in which either “Chemical resistant PL Lam Countertop and back splash at science lab and science storage room” or “Acid-resistant counter top and backsplash at science classrooms (labs)” are indicated.</p> <p>Which counter top material is required in science labs? Additionally if the epoxy resin counter is correct then the sink would be epoxy resin and supplied by 12 32 00. If the counter top material is chemically resistant plastic laminate then what is the sink and who provides?</p> <p>If the chemically resistant laminate is the material for the tops and splashes post forming of this laminate cannot be accomplished. The process to make the laminate chemically resistant also makes the laminate too brittle to post form. A self edge option would work and it’s what we’ve installed in other CPS schools.</p> <p>Various notes on sheet A10.0 also refer to the counter top color to be PL-3. Sheet A13.0 only indicates PL-1 and PL-2. Please provide the PL-3 description.</p> | <p>Response:</p> <p>The teacher's demonstration table (island) shall receive an epoxy resin countertop with integral sink. This component is specified in both 06 40 23 and section 12 32 00 and shall be furnished under one of these Divisions. Details of the demonstration tables are clarified in Addendum 2. The balance of the millwork in this room is defined on the contract drawings; all countertops in the science classroom and storage room shall receive chemical resistant countertops. We have contacted the listed product manufacturers and affirmed that Chemsurf can be post-formed, however the Chemuard cannot. For this reason we will accept a 90-degree chemical-resistant plastic laminate finished edge in lieu of post formed edge where chemical resistant plastic laminated is specified. Color PL-3 shall be selected from manufacturer's full range of colors for this material.</p> |
| <b>2</b> | <p>7/A8.5.3 Room E314, North wall shows “(16) 2-Tier Lockers + 3 Locking Storage Cabinets”.</p> <p>Are these existing or to be provided?</p>   | <p>Response:</p> <p>The existing building science room referenced in this RFI has existing lockers and storage cabinets to remain. This is clarified in Addendum 2.</p>  |
| <b>3</b> | <ol style="list-style-type: none"> <li>Where are the condensers located for the walk-in cooler/freezer? The specifications make it seem like they are right on top of the units, however the drawing (FS6.1) says to plan for a 100' line - which is correct?</li> <li>Item #51 is asking for three different manufacturers to provide dish racks - do we need to provide all 3 brands, or just one?</li> </ol>  | <p>Response:</p> <ol style="list-style-type: none"> <li>The condensers are located on top of the units (items 6B+8B on FS1.1); the actual line length shall be adjusted as required based upon approved shop drawings.</li> <li>The dish racks are to be provided by one of the three listed manufacturer's.</li> </ol>  |

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| 4 | <ol style="list-style-type: none"> <li>1. The specifications call for waterproofing and crack isolation under tile (floor installation section). Should we include waterproofing under toilet rooms and kitchen areas and crack isolation under all CT2 floor tile?</li> <li>2. CT1 is a mosaic cove base called to match the floor. If they go with the multi-sized pattern floor tile in color #D325 Marble, should we use #D325 Marble 1x1 or 2x2 mosaic cove base? Both sizes are in that pattern.</li> </ol> | <p>Response:</p> <ol style="list-style-type: none"> <li>1. 09 30 00 "Tiling", under 2.1.C lists a combination waterproofing / anti-fracture membrane system. This is for use beneath all tile specified.</li> <li>2. 4"H CTC-1 wall base of either 1"x1" or 2"x2" mosaic cove base in the mix is acceptable.</li> </ol> |
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**List of Attachments:**

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| 1  | Revised BID FORM, dated December 11, 2012   |
| 2  | Revised Asbestos Survey Report, dated December 10, 2012 (updated figures)   |
| 3  | Revised Lead-Based Paint Survey Report, dated December 10, 2012 (updated figures)   |
| 4  | Revised Hazardous Material and Universal Waste Survey Report, dated December 10, 2012 (updated inventories and figures)   |
| 5  | Revised Specification 01 14 11 Construction Operations and Site Utilization Plan Dated 12/10/12   |
| 6  | Revised Specification 02 26 00 Hazardous Materials Assessment (Revised reference to the location of the environmental reports and other minor language) Dated 12/10/12  |
| 7  | Revised Specification 02 82 14 Asbestos Abatement – Interiors (Revised Scope Sheets, reference to the location of the environmental reports and other minor language) Dated 12/10/12                          |
| 8  | Revised Specification 02 82 15 Asbestos Abatement – Exteriors (Revised Scope Sheets, reference to the location of the environmental reports and other minor language) Dated 12/10/12                          |
| 9  | Revised Specification 02 83 19.13 Lead-Based Paint Mitigation/Abatement (Revised Scope Sheets, reference to the location of the environmental 7reports and other minor language) Dated 12/10/12               |
| 10 | Revised Specification 02 86 13 Hazardous and Universal Waste Management (Revised Scope Sheets, Scope of Work, reference to the location of the environmental reports and other minor language) Dated 12/10/12 |
| 11 | Revised Specification 08 56 13 Aluminum Window - Accessible, dated 12/11/12.  |
| 12 | Specification Section 28 23 07 Digital Visual Surveillance System and Components (for Existing Schools and Additions)   |
| 13 | Drawings EDI.001 through EDI.011  |
| 14 | ASK-07 – Detail 9/A6.4.1  |
| 15 | ASK-08 – Detail 12/A8.2   |
| 16 | MSK-07 – FCU BAS Diagram  |

**END OF ADDENDUM NO.2**