

**PUBLIC BUILDING COMMISSION OF CHICAGO  
SAUGANASH ELEMENTARY SCHOOL**

**ADDENDUM NO. 02 TO CONTRACT NO. 1512  
FOR**

**SAUGANASH ELEMENTARY SCHOOL ADDITION  
6040 N. KILPATRICK  
PROJECT #05370**

DATE: Wednesday, May 19, 2010

**NOTICE OF CHANGES IN CONTRACT DOCUMENTS**

The following changes are hereby made in the Contract Documents.

**CHANGES TO BOOK 1 – PROJECT INFORMATION, INSTRUCTION TO BIDDERS, AND EXECUTION DOCUMENTS:**

**Change 1:** Book 1, II. Project Information, B. Time of Completion - **Delete** “(365)” **Insert** “(410)”.

**CHANGES TO BOOK 3 - TECHNICAL SPECIFICATIONS:**

**Change 2:** **ADD Section 08570 Accessible awning windows dated 5/12/10** for window type W1B and W2B as shown on Bid Documents.

**Change 3:** **Revise Section 07413 Insulated Wall Panels** Item # 9 remove 2” panel thickness and replace with 3” panel thickness. Item #10 remove R-Value 15 and replace with R-Value of 21.

**Change 4:** **Remove section 01030 Construction Operations and Site Utilization Plan and replace with Revised section 01030 dated 5/12/10.**

**CHANGES TO DRAWINGS:**

**Change 5:** Revise sheet C4.0, P1.0, and P3.1 to show 8” water service.

**Change 6:** Revise Plumbing Schedule on sheet P2.1 to show electrically sensed operation in the “STYLE” column listed for the fixture.

**Change 7:** Revise extent of excavation per attached sketch EX-A.

**Change 8:** Revise Sheet AS.2 to show deletion of 4x4x1/4” steel angle at detail 6.

**Change 9:** Revise sheet A2.1 key note tag in tray drop-off room change to “2”- Suspended Acoustical Ceiling

**Change 10:** Revise Sheet A6.1 to show 3/4” Perlite Cover board. Eliminate damproofing and protection course at foundation.

**Change 11:** Revise detail 6 on sheet A10.1 by removing steel channel at display case jamb.

**Change 12:** Revise sheet A12 door and opening schedule.

**Change 13:** Revise floor finish schedule on sheet A13.0 to show aluminum entrance mat.

**Change 14:** a) Revised sheet ES.1 to show ComEd primary cabling coming from existing overhead feeder across Hiawatha.

b) Revised note on sheet ES.1 to remove contractor responsibility to include ComEd cost in their bid.

**PUBLIC BUILDING COMMISSION OF CHICAGO  
SAUGANASH ELEMENTARY SCHOOL**

- c) Revised sheet ES.1 to show tag note 18 indicating that primary conductors and utility pole are to be furnished and installed by ComED. Electrical contractor to provide conduit from pole to transformer.

- Change 15:** Revised sheet E2.2, Equipment Connection Schedule on sheet E6.1 and PPA Panel Schedule on sheet E6.2 to add mechanical fan RF-3.
- Change 16:** Revised sheet M1.2, to increase the boiler exhaust duct from 4" to 6", the related thimble is increased from 8" to 9".
- Change 17:** Revised sheet M2.1 and M2.2, increase the piping size.
- Change 18:** Revised sheet M4.2, change 2-way valve to 3-way valve for two heating coils.
- Change 19:** Revised sheet M6.1 and M6.2, change VAV box, boiler and return fan schedules.

**CLARIFICATION:**

- C1.** Drawing P2.1, titled "Plumbing Schedules"  
Be advised the item on the plumbing schedule, drawing P2.1, labeled "LV-1" shows two different faucets. The LK737AC, listed in the 'accessories/Options' column is correct; the Moen manual faucet, listed under 'Faucet/Flushometer' is incorrect. **Refer to revised sheet P2.1**
- C2.** The Contractor is responsible for all cost associated with permits and licenses, in accordance with Book 2 Article 6 of the specifications. There will be a Department of Water management fee in the amount of \$3,000.00 to be borne by the Contractor.

**QUESTIONS & ANSWERS:**

- Q1.** We are requesting the hot water supply sensor TS1 be moved to within 2 -10 feet of the last boiler tee. This would be the common pipe leading to the suction side of HWP-1 & HWP-2.
  - a. With multiple boilers with common sensors such as TS1, the water sensor must be located in the field piping. It should be placed in the common supply at least 2-10 feet downstream of the point where the last module connects into the supply header. (AERCO manual excerpt GF-2070)
- A1.** Move the TS1 to the common hot water supply pipe within 2-10 feet of the last boiler tree. **Refer to revised sheet M4.2.**
- Q2.** We have the following questions and comments regarding the boiler project.
  - 1. Please clarify the boiler schedule versus the spec 15513 page 3. The schedule calls for B-1 & B-2 to be Fulton Pulse boilers model PHW-1000 but the spec calls for the Fulton model VTG.
  - 2. We would like to know if the AERCO Modulex MLX-1060 would be acceptable for this project. There are many benefits over the Fulton Pulse series.
    - a. The heat exchanger which consists of seven (7) thermal modules, shall be capable of a 23 to 1 turndown ratio of the firing rate without loss of combustion efficiency.
    - b. Whisper Quiet Operation <50 dBa
    - c. Low NOx Emission <14ppm
    - d. Direct or Conventional Vent with PVC, CPVC or AL29-4C Materials

**PUBLIC BUILDING COMMISSION OF CHICAGO  
SAUGANASH ELEMENTARY SCHOOL**

- e. Supports Integration to BAS Software
- f. High reliability and low cost of ownership.

**A2.** 1. AERCO KC-1000 will be specified on the boiler schedule. **Refer to revised sheet M6.2.**  
  
2. No substitutions will be accepted.

**Q3.** Page C4.0 shows 69 lf of new 6" DIP watermain.  
Page P1.0 shows a new 6' water service  
Page FP2.1, detail 5, shows an 8" cold water service.

Please confirm the size of the new water service

**A3.** The 8" water service is correct. **Refer to revised sheets C4.0,P1.0, and P3.1**

**Q4.** The floor finish schedule on Drawing A 13.0 indicates, "Ref. Specification Section XXXXX" for the stainless steel foot grilles. F.H. Paschen is unable to locate Specifications that govern the requirements of the required foot grilles.

Please review and provide the required Specifications.

**A4.** The walk-off surface is mislabeled as stainless steel grill. The specified product is an aluminum entrance mat. **Refer to revised sheet A12.0**

**Q5.** Specification Section 07413 Metal Wall Panels Section 2.5, Subpart B, 1 calls for the basis of design to be Centria 3" R21.0 Formawall or approved equal. However part 9 of the same section of the specifications calls for the thickness to be 2.0 inches, and part 10 calls for the thermal resistance to be R 15. What values are correct?

**A5.** The specified product is the 3" thick panel with a "R" value of 21. **Refer to revised specification 07413.**

**Q6.** 1.The window marks W1B and W2B shown on page A12 of the plans call for an ADA window; however there is not a specification section for ADA windows. Please provide specification information for these windows.

2.Drawing A6.1 Detail 1 calls for damproofing & protection course at the sub grade foundation walls, this is also referenced in enlarged section + plan notes legend item 101-A; however there is not a specification section for damproofing. Please provide a specification for damproofing.

3.Does the Air Barrier specified under specification section 07195 need to be applied by an ABAA certified installer?

**A6.** 1.Specification will be included in Addendum No. 2. **Refer to added specification**

**PUBLIC BUILDING COMMISSION OF CHICAGO  
SAUGANASH ELEMENTARY SCHOOL**

**08570 in this addendum.**

2. Damproofing will be eliminated at all sub grade foundations therefore specification is not necessary. **Refer to revised sheet A6.1.**

3. Follow applicator qualification requirements per spec. 07195,1.5,A

**Q7.** Please forward the following questions for the door, frame and hardware scope of work.

1. Door # D104A is scheduled as aluminum doors but a hollow metal frame - is this correct?

2. Lite #'s L104 & L109 has aluminum listed under door material - I assume this is a typographical error. Please advise.

3. Lite #'s L200 & L210 are scheduled as aluminum, but the details show hollow metal. Which is correct.

**A7.** 1. Aluminum doors in H.M. frame are correct.

2. This is a typographical error. **Refer to revised sheet A12.0**

3. Both lites are H.M.(same as L104 and L123). **Refer to revised sheet A12.0**

**Q8.** 1. Section 6 on sheet AS.2, which is taken from the trash enclosure and the transformer enclosure, calls for a continuous 4x4x1/4" galvanized angle. Is this angle required? Are we supposed to be installing grating over these enclosures?

2. Detail 16 on sheet S3.2 indicates penetrations through steel beams. There are no beam penetrations indicated on the drawings. How many are required?

3. Detail 12 on sheet S3.2 indicates fall restraint anchors. Are these required? There are none indicated on the drawings. Please clarify.

4. Detail 6 on sheet A10.1 calls for an AESS MC12x10.6 and refers to details 3 and 4 on S3.6. Drawing S3.6 does not exist in this plan set. Please clarify.

**A8.** 1. Angle is not required and grating will not be installed over trash and transformer enclosure. **Refer to revised sheet AS.2**

2. There will be no beam penetrations on this project.

3. There will be no fall restraints on this project.

4. Detail is shown incorrectly-Steel channel will be removed from drawing and jamb condition will mirror opposite side jamb. **Refer to revised sheet A10.1**

**PUBLIC BUILDING COMMISSION OF CHICAGO  
SAUGANASH ELEMENTARY SCHOOL**

**Q9.** On page P1.0, along column line 5, the 3" water line is shown underground thru the existing portion of the school. Please confirm your intent to demo and replace the classroom floors, casework, walls, electric, ceilings, finishes, as needed to place the pipe underground. Please detail this scope of work for bidding purposes.

Or may we run the 3" water line at the ceiling?

**A9.** The 3" water line shown is intended to be routed underground from the north end of the new toilet rooms, through the basement wall of the existing building. Provide Link-Seal or other approved penetration water barrier at this penetration. Once inside the stairwell of the existing building, pipe will be routed through the existing basement to make connection to the existing domestic water system. The existing water service is to be discontinued, cut and capped per Chicago Water Dept requirements. Routing the new pipe in the existing basement obviates any need for cutting classroom floors. All work to be performed in accordance with drawings included in bid documents.

**Q10.** Please furnish a specification for TMV-1 and TMV-2.

**A10.** Refer to Specification 15145 submitted in bid documents.

**Q11.** On window types W1B(ADA) and W2B(ADA), are you looking for a vertically pivoted windows where the diamond shape dashes are in the windows? Also, you have ADA next to these windows. Are you looking for these to be egress windows because I believe the sizes are too large to have the window be egress or what do you want for these in reference to ADA?

**A11.** Specifications for these windows are included in this Addendum No. 2. **Refer to specification 08570.**

**Q12.** Please clarify that food service equipment is furnished & installed under a separate contract from PBC. Specs & drawings are not coordinated with language

**A12.** Food service equipment is under this contract and will be furnished and installed in accordance with drawings and specifications included in bid documents.

**Q13.** 1. On sheet A2.1 the first floor reflected ceiling plan keynote legend indicates that room 1003 -Tray Drop-Off Room should have a gypsum board ceiling, but the actual ceiling plan is utilizing an acoustical ceiling symbol in this area. Please advise if this ceiling is to receive an acoustical ceiling tile or gypsum ceiling for the finish.

2. On sheet A13.1 the first floor finish plan does not indicate the floor finish for

**PUBLIC BUILDING COMMISSION OF CHICAGO  
SAUGANASH ELEMENTARY SCHOOL**

rooms 1022 - Closet and 1023- Office. Please advise if these rooms are to receive VCT.

- A13.** 1. The drawing is mislabeled; the ceiling is to be acoustical tile. **Refer to revised sheet A2.1**  
2. Refer to 1/4" scale drawing Detail 1/A13.3
- Q14.** 1) Please clarify the cover board to be used:  
- Arch Sht. A/6.1 PLAN NOTES 106B reads to provide a 1" Perlite Cover Board.  
- Specification 07550, Paragraph 2.9, part D reads to provide a 3/4" perlite insulation board.  
- Specification 07550, Paragraph 2.9, part D, sub-part 1 reads to comply with requirements for a DensDeck Prime board, which is typically specified as a 1/2" thick board.
- A14.** The specification is correct; provide 3/4" perlite cover board. **Refer to revised sheet A6.1**
- Q15.** Please confirm for this project, that the definition of a local business per Book 1 II Part K is a firm located in Cook County, IL.  
Part A on page 4 of 59 in book 1 indicates the project is funded by Chicago Public Schools and not the City of Chicago.
- A15.** A local business is one that owns or leases a functioning business office and /or operations facilities within the City of Chicago ( for city funded projects)". ( Book 1 III K ) Chicago Public Schools projects are city funded projects and therefore a local business is one within the boundaries of the City of Chicago.
- Q16.** Is Com ED, Peoples Gas work & other Owner provided services/contracts (food service, furniture, etc) part of the 365 calendar days for both projects? If so, please provide dates/durations for all this work and for both projects.
- A16.** Refer to Section 01030; all work shall be performed in accordance with the documents and specifications.
- Q17.** During the pre-bid yesterday it was mentioned that the MEP coordinator could not be the PM and can't locate with contract documents where this is stated.
- A17.** Refer to Book 2, Article 9, Section 9.05.
- Q18.** Spec 01001 LEED consultant specs read GC to hire consultant, if GC has LEED AP on staff does this suffice?
- A18.** LEED AP consultant must meet the drawings and specification requirements. Refer to specification section 01001. General contractor may use on staff or hired consultant.
- Q19.** Please clarify who is responsible for paying Com-ED, AT&T & People gas fees. Documents have conflicting information.
- A19.** All utility work shown to be performed by utility companies on the drawings and specifications will be

**PUBLIC BUILDING COMMISSION OF CHICAGO  
SAUGANASH ELEMENTARY SCHOOL**

paid by the Public Building Commission.

- Q20.** Please confirm that there will not be any requirement for a PBC/Owner jobsite trailer/office. If there is, please provide requirements for same.
- A20.** GC is required to provide a PBC / Owner jobsite trailer / Office. Refer to Spec Section 01510.
- Q21.** We would like to be considered as an approved cast stone manufacturer-Under Section 2.1 paragraph M titled Cast Stone. Out of the five (5) manufacturers are listed as approved supplier of Cast Stone, all of the 5 are outside of Illinois, 3 out of the 5 are outside the LEED requirement and we are the only APA and CSI approved manufacturer within Illinois and within 35 miles of the jobsite.
- A21.** No substitutions will be accepted.
- Q22.** Please confirm that Phase III work cannot commence until completion of the 2010-2011 school year. If so, this work will not be able to be completed in the 365 day construction period.
- A22.** Refer to Section 01030; all work shall be performed in accordance with the documents and specifications.
- Q23.** Please confirm that a notice to proceed will not be issued until after the building permit is issued. If the NTP will be issued prior to the permit issuance date, please provide the assumed permit issuance date for bid purposes.
- A23.** Once a NTP has been issued the GC will be responsible for obtaining permits in accordance with Book 2, Article 6 of the specifications.

**ATTACHMENTS:**

- Specification** Revised Spec Section 01030 Construction Operations and Site Utilization Plan dated, 5/12/10
- Specification** Revised Spec Section 07413 Metal Wall Panels dated, 5/12/10
- Specification** New Spec Section 08570 Accessible Awning Windows dated, 5/12/10
- Drawing** CK-1, dated 5/12/10, (1 page 8.5 x 11)
- Drawing** EX-A dated 5/12/10, (30 x 42)
- Drawing** AS.2 dated 5/12/10, (30 x 42)
- Drawing** A2.1 dated 5/12/10, (30 x 42)
- Drawing** A6.1 dated 5/12/10, (30 x 42)
- Drawing** A10.1 dated 5/12/10, (30 x 42)
- Drawing** A12.0 dated 5/12/10, (30 x 42)
- Drawing** A13.0 dated 5/12/10, (30 x 42)
- Drawings** M1.2, M2.1, M2.2, M4.2, M6.1, M6.2, M7.2, M7.3 all dated 5/12/10, (30 x 42)
- Drawings** E0S.1, E2.2, E6.1, E6.2 all dated 5/12/10, (30 x 42)
- Drawings** P1.0, P2.1, P3.1 all dated 5/12/10, (30 x 42)

**END OF ADDENDUM NO.2**