

**Addendum #3**

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Date: July 22, 2009

SDA PROJECT #: HU-0012-C01

DESCRIPTION: New Elementary School #3, Union City, NJ

Addendum No. 3

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supercede the relevant information in the Bid Documents.

1. As stated in both the Pre-Bid meeting, and Addendum #2, the deadline for the submission of RFI's was Friday, July 17th. Any RFI's received after July 17th, will NOT be reviewed.
2. Requests for the Architect to approve additional manufacturers (as an equal) will not be answered. Refer to specification section 01600 – Products and Substitutions, for the proper substitution request procedures. Any Manufacturer's that the Contractor wishes to be substituted as an "approved equal" will be reviewed during Shop Drawing submission for compliance with the design documents.
3. Refer to specification section 10100 – Visual Display Boards and Cases, Bulletin Boards, Page 2 is missing from the specification book. Attached please find page 2 for your records.
4. Refer to Architectural Drawing A10.1, detail 2 – Furniture Equipment List.
These items below are to be provided and installed by the General Contractor in addition to any other items noted on drawing A10.1 that the General Contractor is to provide. Refer to furniture plans, and floor plans for quantities, and locations.

The following model #'s are to provided:

- **Item 11** – Double Tier Classroom Cubbie – Model # T126015-000M by Sheldon Laboratory Systems or approved equal. Provide (1) coat hook per compartment.

- **Item CH** – Coat Hook Strips – Model # 73826 by Sheldon Laboratory Systems or approved equal. This unit comes standard with (8) hooks. General Contractor to provide as many units per room as needed based on the occupancy. See furniture plans for locations & occupancy count.
- **Item S2** – Science Demo Table – Model # 20655 with 80032 Fixture unit, by Sheldon Laboratory Systems or approved equal.
- **Item S3** – Visual Aider – Model # 22220, by Sheldon Laboratory Systems or approved equal.
- **Item TV** – Overhead ceiling mounted television kit – Model # CMJ 450, by Peerless, or approved equal. Refer to furniture plans for locations and coordinate with electrical drawings.
- **Island Sink** (Art room) – Model # 76240 with 80032 Fixture unit, by Sheldon Laboratory Systems or approved equal.
- **Item 8** – Wall Hung Cabinets – Model # W303012-200 by Sheldon Laboratory Systems or approved equal. These wall cabinets are located above ALL computer table stations which are 60” long. (2) cabinets are required above “each” computer table station. Refer to furniture plans for quantity of computer table stations per space.
- **Item 8A** – Wall Hung Cabinets – Model # W303012-200 by Sheldon Laboratory Systems or approved equal. These wall cabinets are located above ALL computer table stations which are 60” long. (2) cabinets are required above “each” computer table station. Refer to furniture plans for quantity of computer table stations per space.
- **Item 8B** – Wall Hung Cabinets – Refer to room 109, on sheet A10.1. General Contractor to provide and install a total of 31 linear feet of wall hung cabinets, located at the wall parallel to column line 3. Due to varying lengths, General Contractor shall coordinate the cabinetry dimensioning in the field to insure proper fitment between column enclosures. Wall hung cabinets are similar in design to items 8 and 8A noted above.
- Refer to the furniture plans on drawings A10.1, through A10.6. The following spaces are missing the wall hung cabinets noted as Item # 8 above. **Rooms 109, 125, 334, 335, 336, 337, 338, & 342.** The General Contractor is responsible to provide and install these cabinets. They are to be located above the computer table stations.
- **Item T11** – Base Cabinets – Refer to room 125. General Contractor to provide and install a total of 12 linear feet of base cabinets. Model # B352922-410 by Sheldon Laboratory Systems or approved equal. Provide a total of (4) base cabinets in this room. Provide 1” thick epoxy resin shelresin countertop.

- Refer to the furniture plans on drawings A10.1, through A10.6. Provide sink base cabinet – model # S422922-200 by Sheldon Laboratory Systems or approved equal, at the following rooms: 109, 119, and 125. Provide 1” thick epoxy resin shelresin countertop. Coordinate sink model #'s with the Plumbing Drawings. Additionally in rooms 119 & 125 provide wall hung cabinets above sink unit. Wall hung cabinet model # W423012-200, by Sheldon Laboratory Systems or approved equal.
 - **Kiln** (Art Room) – Model # 26318A, by Amaco or approved equal.
 - For the remaining Base Cabinets and Countertops to receive Plastic Laminate Facing & Countertops, General Contractor to submit manufacturer’s full color range for Architect review and selection. Acceptable manufacturers: Wilsonart, Formica, Pionite, or approved equal.
5. Regarding any damage to adjacent buildings / structures associated with the rock blasting portion of the contract, the “Owner Controlled Insurance Program” General liability policy does not contain a blasting exclusion
 6. Refer to the “General Conditions”, page 33, Article 6.17.2 – Security. The security guard shall be present at the Project Site at ALL times when the Contractor is not on-site. This is typical for the full duration of the Contract.
 7. The General Contractor shall verify if the foundations of the previously demolished structures are still on the Project Site. It is the Contractor’s responsibility to review the Project Site prior to submitting a Bid as noted in page 17, section 4.4.2 of the General Conditions.
 8. Refer to the “*General Conditions*”, page 33, Article 6.18, *Authority Field Office and Temporary Facilities*. The General Contractor is ultimately responsible for the location of the field offices, staging areas, and other temporary facilities. Currently, the NJSDA is in discussions with the Mayor of Union City to close West Bound portion of 15th street to accommodate the trailer and staging area for materials.
 9. As stated in Addendum # 2, item # 22, the General Contractor is responsible for the relocation of the existing electrical poles, and power. General Contractor shall contact & coordinate the removal & relocation with the appropriate parties.
 10. Refer to Drawing SW-2, general note # 4, and the (2) soils reports provided after specification section 02200 – Earthwork. The Soil Data for test pits shown with a “dash” (**TP-1, through TP-5**) can be found in the Subsurface Investigation Report prepared by PMK Group. The Soil Data for test pits shown without a “dash” (**TP1 through TP11**) can be found in the Geotechnical Engineering Report prepared by Johnson Soils Company. Both these reports provide the necessary soil classification data required to determine the subsurface conditions.
 11. Reference is made to detail 7 on sheet A7.4.0. This is a floating concrete slab detail for the Rooftop Play Area. The bottom slab is a sloped structural slab which is called out on Structural drawing # 4, on sheet S-9. The top slab is a sloped 3” thick concrete slab that sits over rigid

insulation over waterproofing membrane. The top slab is to receive a topping surface as noted in note # 32, issued in Addendum # 2.

12. Reference is made to the door schedule, sheet A9.1, Overhead doors 08A, 08B, and 116. The Garage Doors are to be standard service doors, while the Kitchen delivery doors shall be an insulated service door. Provide all necessary accessories as noted in specification section 08331. Masonry opening sizes are shown on the design documents.
13. Reference is made to Architectural drawings A4.2, and A7.3.3. Details 11 and 12 on sheet A7.3.3 denote the overhead doors located between the Kitchen and the Cafeteria. There are (3) doors total. Two (2) of these doors are counter shutter doors (detail 11, sheet A7.3.3) while one (1) door is a service door. These doors shall meet the requirements of specification section 08331, and are to be provided and installed by the General Contractor. The door opening sizes are shown on the design documents.
14. Refer to detail 10, on sheet A7.3.3. The detail shows only one (1) 3x3x1/8 steel tube on the jamb side of the overhead door. General Contractor to provide (1) additional steel tube on the opposite jamb of the overhead rolling door. Each roll-up door jamb shall have a 3x3x1/8 steel tube that shall be field welded to a 6x6x1/4 plate which then is to be epoxy bolted to the concrete floor slab.

15. Plumbing and Electrical Drawing Revisions:

- 1) Refer to Plumbing Drawing P-1.0, (Plumbing Notes, Legend & Schedules)
 - a) **“Add”** kitchen floor drain D-12 to Drain & Specialty schedule. D-12 floor drain, `J R Smith` model No. 3021C, cast iron body, acid resistant interior, bronze rim and grate, with sediment bucket.
- 2) Refer to Plumbing Drawing P-2.0, (Plumbing Ground Overhead Floor Plan `B`)
 - a) **“Revise”** pipe diameter from 6” to 3” on domestic cold water pipe from booster pump to First Floor Plan.
 - b) **“Remove”** Plumbing Key note No. 2, add General Note to read as follows: All domestic water piping, sanitary, waste and/or storm piping installed below suspended ceiling or exposed in parking garage area shall be heat traced by the electrical contractor.
- 3) Refer to Plumbing Drawing P-2.10, (Plumbing First Floor Part Plan `A` Kitchen)
 - a) **“Revise”** floor drain D-1 to D-12 located between item (50) milk dispensers.
 - b) **“Revise”** floor drain D-1 to D-12 located below item (16) work table.
 - c) **“Revise”** floor drain D-8 to D-12 located at floor area adjacent to toilet room 115D.
- 4) Refer to Mechanical drawing M-4.2 **“Add”** the attached schedules SKM1-1 and SKM1-2 to this drawing.
- 5) Refer to Electrical Dwg. E-5.0, One Line Diagram; **“Delete”** the words “Radiator/Duct Mounted Multi-Step (4 @ 25 kW each) Resistive” from the description of the load banks.

- 6) Refer to Electrical Dwg. E-5.0, One Line Diagram; **“Delete”** the reference to the 185 kW size generator for the fire pump. The generator shall be sized to start and run a 50 hp 460 volt fire pump with primary resistance, closed transition starting and a maximum of 15% voltage dip on starting and transition. Calculations certifying this shall be included with the shop drawing submittal.
- 7) See attached drawing SKM1-3, for the Fin Tube Piping Details.

16. Specification Revisions:

- 1) Page 16231-1, Paragraph 1.2B; **“Delete”** this paragraph in its entirety.
- 2) Page 16231-5, Paragraph 2.3A; **“Delete”** the words “with automatic LP-gas standby”.
17. All horizontal storm piping and roof drain bodies shall be provided with 1” fiberglass insulation.
18. Per specification section 15075 painting is an acceptable alternate to color coded pipe jackets.
19. Manufacturer of heat tracing shall be “Thermon” or approved equal. Model shall be “FLX” self-regulating heating cable.
20. Heat tracing will be furnished and installed by the Plumbing Contractor and wired by the Electrical Contractor.
21. Refer to attached Sketch, **SKP-1** for storm piping continuation from Second Floor, Boys Toilet Room No. 106A
22. Refer to attached Sketch, **SKP-2** for waste piping continuation from Second Floor Room No. 214
23. Refer to attached Sketch, **SKP-3** for floor drains and mop receptor piping routes and connections.
24. Refer to attached Sketch, **SKP-4** for revised storm piping diameters in Second Floor ceiling.
25. Provide a 4” by-pass with shut-off valves at domestic waste booster pump.
26. **“Delete”** reference of fire pump horsepower as stated in specification section 15321. The Fire Pump shall be (50) HP, as noted on Fire Protection drawing FP-1.0.
27. Refer to attached Sketch, **SKP-5 & SPK-6**, for Second & Third floor trap primer connections to floor drains.
28. Refer to attached Sketch, **SKP-7**, for revised storm pipe sizes below floor.

29. Refer to volume 3 of the specifications as there is a specification discrepancy. Section 15626 (7 pages total) - "Air Cooled Rotary Screw, Water Chillers (Trane RTAC)" is listed again in the book as Specification section 15626 (6 pages) - "Air Cooled Rotary Screw, Water Chillers (Trane RTAC)". **"Delete" specification section 15626 (that has a total of 6 pages). The correct specification section 15626, has a total of 7 pages.**
30. Specification section 16636 – Boiler Room Gas Detection and Control System is listed in the Table of Contents, but is missing from volume 3. Attached please find specification section **16636 - Boiler Room Gas Detection and Control System. (5 pages)**
31. Reference is made to note #7 on drawing S-50, "Width" denotes the distance back from the end of the masonry wall. It includes corners and intersections of walls.
32. Reference is made to drawing S-41, "Minimum Reinforcement in Masonry Walls" typical detail, note #3. General Contractor may use continuous horizontal joint reinforcement (standard "Dur-o-wal", or approved equal, in lieu of # 4 bars @ 48" o.c.
33. Reference is made to drawing S-41, "Minimum Reinforcement in Masonry Walls" typical detail, note #4. It states: *"Provide vertical wall reinforcement as indicated in Masonry Wall Reinforcement Schedule or sections"*. There is no reinforcement schedule for this project. Reinforcement is shown in sections. Where reinforcement is not given, provide per the typical detail.
34. Reference is made to section 1 on Structural Drawing S-30. The General Contractor is responsible to provide and install the 33,000 lb. safe tension capacity mechanical hollow-core **rock anchors** at 6'-0" o.c. where shown on the design documents.
35. Regarding the "other" rock anchors shown at a 30 degree angle throughout various structural wall sections, we offer the following response: These should be correctly labeled as **"rock bolts"**. During the rock excavation process, **"if"** the General Contractor needs to control sloughing of loose rock within the trench walls adjacent to the foundation, he must at his own cost, hire a sub-consultant to prepare signed and sealed design drawings showing the spacing, location, type, embedment depth, kip force, and quantities of rock bolts as needed to control the loose areas in order to provide rock stability.
36. The following list of items can be found either in the Specifications, or on the Drawings. No further clarification will be provided.
1. Specifications for the Glycol Management System.
 2. The volume of water in the Heating System.
 3. The volume of water in the Chilled Water System.
 4. The % of Glycol needed in the Hot Water System.
 5. The % of Glycol needed in the Chilled Water System.
 6. Connection of the above referenced system to the Building ATC System.
 7. Hook-up details for Fan Coil Units, and Unit Heaters
 8. Hot Water coil hook-up detail for the RTU heating coils
 9. Gas Vent Details

37. Refer the (Division 17) Technology Specifications issued with Addendum # 2. The following specification section shall be **“revised”**.

1. Specification Section 17030 - ADMINISTRATIVE REQUIREMENTS

PART 1- GENERAL

Section 1.6 - SUBMITTALS

A. (1). Within fifteen (15) days after **Notice to Proceed**, submit for review and acceptance a list of all materials, components, equipment, or system manufacturers whose products are proposed, as well as names of all sub-tier Contractors this trade proposes to employ with qualifications of selection and specific functions they are to perform.

2. Specification Section 17130 - INTERIOR COMMUNICATIONS PATHWAYS

PART 2 – PRODUCTS

Section 2.1 - EMT CONDUIT AND CABLE TRAY SYSTEMS

F. (5d) Or **Approved Equal**

Section 2.4 - FIRE STOPPING

A. (6e) Or **Approved Equal**

3. Specification Section 17200 - LOCAL AREA NETWORK

PART 2 - EXECUTION OF WORK

Section 2.9 - CATEGORY 6 PATCH PANELS - DATA

D. Shall be installed to identify voice or data functionality.

38. Refer to Civil Drawing SW-3. General note # 2, shall be **“revised”** to read: “All demolition items shall be removed and disposed of off site in accordance with environmental requirements.”
39. Refer to Architectural Drawing A4.2. Key notes 11 & 12 shall be **“revised”** to read:
Note 11 – Install salvaged item # 1. See details 9 & 13 on sheet A7.3.2
Note 12 – Install salvaged item # 1. See details 8 & 12 on sheet A7.3.2
40. Specification section 07851 – Fireproofing, shall be **“Deleted”** from the project manual. General Contractor shall follow the requirements of specification section 07811 – Sprayed Fire Resistive Materials.
41. Refer to specification section 07552 – SBS Modified Bitumen Roofing. Part 1, section G-1 shall be **“revised”** to read: “Submit product date, & **shop drawings** indicating membrane, bitumen materials, and base flashing materials”.

42. Refer to specification section 07552 – SBS Modified Bitumen Roofing. In Part 1, “ADD” section “P” to the project manual. It shall read:

P. Manufacturer’s Inspections

1. When the project is in progress, the roofing system manufacturer will provide the following:
 - a. Keep the Architect informed as to the progress and quality of the work as observed.
 - b. Provide job site inspections a minimum of three (3) days a week with individual daily reports to the Architect.
 - c. Report to the Architect in writing any failure or refusal of the Contractor to correct unacceptable practices called to the Contractor’s attention.
 - d. Confirm after completion that manufacturer has observed no applications procedures in conflict with the specifications other than those that may have been previously reported and corrected.
43. Refer to Specification section 03300 – Cast In Place Concrete, section 2.4. item A- a.1, shall be “revised” to read: “Stego Wrap (15 mil) Vapor Barrier, Stego Industries LLC.”
44. The General Conditions (section 4.5) call for 1 full time employee for the Quality Assurance / Quality Control Program. This is required through final completion of the project. Refer to section 4.5 of the General Conditions for all QA / QC requirements.
45. General Contractor is responsible for the cost of all permits, and utility consumption charges for the NJSDA & Consultant’s site office. Refer to section 6.18 (page 33) of the General Conditions for additional information.
46. Structural Steel, HVAC, Plumbing, and Electrical Contractors need to be named in the Price Proposal form. All other subcontractors as indicated on the DPMC classifications with contracts over \$500,000 do not need to be named in the Price Proposal form.
47. Refer to Instructions to Bidders, section 4.1C, 2nd paragraph. The Authority requires all subcontractors of any tier in the DPMC Trade Classifications listed in the Bid Advertisement whose contract is in an amount which is equal to or greater than \$500,000 must be pre-qualified by the NJSDA.
48. General Contractor shall coordinate with the North Hudson Sewerage Authority (NHSA) for the request of discharging of all ground water into the existing storm & sewer system. If such request is not granted by the NHSA, then the General Contractor will be responsible for the handling and removal of all ground water accumulated during construction at his cost.

49. General Contractor does not need to hire a LEED Administrator for the project. The LEED requirements that the General Contractor must adhere to, are outlined in General Conditions, section 6.6, and specification section 01352.
50. The denoted method for Rock Removal in this project is Blasting. Contractor shall refer to revised specifications section 02229 issued with Addendum # 2.
51. The General Contractor is responsible for implementing the required means and methods needed to protect the neighboring adjacent buildings, structures, properties, dry, and wet utilities prior to and during site demolition. This includes sheeting, shoring, bracing, underpinning, and any other supports deemed necessary. Protection methods shall remain for the duration of the project.
52. Attached please find SKS-1, dated 7-22-09. These details are to be supplied for the missing details noted on structural drawing S-10.
53. Attached please find a 4 page "No Further Action Letter and Covenant Not to Sue" letter. We believe that there is no contaminated soil at the Project Site. However, if any contaminated soil is found, it will be the General Contractor's responsibility to remove off-site.

End of Addendum No. 3


NSDA

7-23-09
Date

PM - Christopher Megnin

Acknowledgement of Receipt of Addendum

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via fax to (201- 941-5426). Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

Signature

Print Name

Company Name

Date