

**NEW SCIENCE & CLASSROOM BUILDING
AT CAMDEN COUNTY COLLEGE
BIDDER QUESTIONS**

Questions from Torcon, Inc.

Question 1: Please identify the material indicated at the sills on details E-10, G7, G8, H5, H9 on A8-30, E-2, H-5, H-7 on A4-12, H-9 on A7-01.

Response: All sills shall be slate. Note has been added to Drawings A8-30, H4-12 & A7-01 in the Addendum.

Question 2: Please provide finish details for the "Slate Walls" shown seen on drawing A8-31, A2-01A and FS-01. There is no clarification or designation on the finish cover sheets IF1-00 or finish 1st floor plan IF2-01A.

Response: Extend from top of back splash height to underside of ceiling, note added to drawing A2-01A in the addendum.

Question 3: Are the acceptable ASTM tolerances for structural steel acceptable for finishes for exposed columns?

Response: Tolerances for Architecturally Exposed Structural Steel Shapes and fabrications are specified in Section 10 of AISC 303 (Code of Standard Practice) except as modified by specification Section 05 1213.

Question 4: Drawing C1-13, Staging Plan – depicts 5 trailers. One trailer is labeled "Campus Construction Trailer". Two trailers are labeled "Construction Trailers". Two trailers are not labeled (adj. Papiano Gym) with in the limits of the construction fencing. Drawing C1-2, Site Plan – shows two trailers (adj. Papiano Gym) as part of the completed work. Are the two "Construction Trailers" to be supplied for the exclusive use of the general contractor? Please identify project responsibility, purpose, and specification for two trailers adjacent to Papiano Gym.

Response: The two construction trailers shown on the drawings depict the area where the Contractor can place his trailer(s). It is not intended to dictate quantity of trailers. The two trailers near the Gym are existing storage trailers owned by the College and will be moved by the Owner to the location shown on the drawings.

Question 5: Drawing C1-12 Notes "Construction Sequence: does not include construction of, "Ring Road – by others". Please provide construction schedule and sequence for "Ring Road – By others".

Response: It is anticipated, but not guaranteed, that the ring road project will be complete by the time construction begins on the New Science & Classroom Building.

Question 6: Volume includes a Project Labor Agreement with the Southern New Jersey Building Trades Council. The wage rates associated with the PLA supersedes the Prevailing Wage Rates specified in Volume 1, correct?

Response: All bidders are required to comply with the Prevailing Wage Act and the PLA.

Question 7: Please provide angle of view and focal length for all fixed security cameras.

Response: Angle of view is listed in Spec Section 28 2300, par. 2.17, 7 for both color and B/W.

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Focal length is listed in Spec Section 28 2300, par. 2.26, J.

Question 8: Please provide detail drawings for typical dental operatory chair mechanical connections.

Response: Chairs will be provided under separate contract, details are not yet available.

Question 9: Please confirm electrical requirement for typical dental operatory chair.

Response: See response to question above.

Question 10: Regarding the Acid Neutralization Tank:

- a. Are there Details for the Concrete Vault, How is the Bilco Door to be attached?
- b. Are we providing the 350 gallon HDPE tank?
- c. Who is doing the concrete work?

Response: Acid neutralization tank and associated piping have been deleted in the addendum and replaced with small neutralization tanks in casework adjacent to the lab sinks.

Question 11: Provide locations for AP-1 Refrigerator/Freezer and AP-2 Microwave per specification 113100.

Response: Locations are noted on architectural floor plans and on drawing A9-02 which has been updated in the Addendum.

Questions from Milric Construction Corp.

Question 1: Spec Section 08113 Hollow Metal Doors and Frames is labeled "Elevator Addition, Thomas Jefferson Elementary School", is this the proper spec for this project and just named incorrectly for should be disregard and wait for a new spec to be issued?

Response: Spec section has been reissued in the addendum.

Question 2: Will the New Science Classroom Building be tied into an existing campus access control, intrusion detection, emergency phone and CCTV Surveillance System? If so who is the manufacturer of the system?

Response: The College does not have campus wide systems for access control, intrusion detection, emergency phone and CCTV.
Intrusion system manufacturers vary from building to building and are monitored by a private vendor.
Talkaphone is the manufacturer for the emergency phones which are tied into the standard phone system and monitored by the College via the internet.
Pelco is the CCTV manufacturer for independent systems throughout the various buildings and also are monitored by the College via the internet.
The College does not have preferred vendors for the New Science Building, however, cannot stress enough that they do not want a manufacturer that has proprietary features.

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Question 3: Does the New Science Classroom Building need to have the same manufacturer as the rest of the campus?

Response: No.

Questions from Skanska USA Building

Question 1: AIA A101, page 3, art. 303; states the construction duration to be 400 days from NTP. Spec. Section 01100, "Summary" states the construction duration to be 560 days, which is correct?

Response: AIA 101 has been revised in the addendum to 560 days.

Question 2: Section 003100, page 3, para. 7 of the "Bid Form" first states all the following attachments are to be submitted with the proposal or the proposal may be judged incomplete. The performance and payment is listed as one of the documents, but sub-paragraph b states that only the successful bidders shall submit the bond. Which is correct?

Response: Performance and payment bonds are only required to be submitted by the successful bidder. However, bid bonds are required to be submitted with the bid.

Question 3: In the pre-bid meeting it was stated that all the subcontract bidders need to sign the "Project Labor Agreement of Assent". Should that be just the named subs, ie. Mechanical, Electrical, Plumbing, Structural Steel/Ornamental. Can the execution of the Project Labor Agreement of Assent, by the named bidders, be submitted after the award to the successful GC.

Response: See addendum, General Information item 1.

Question from Health & Educational Equipment Corporation

Question 1: In reference to Section 123553, I am requesting if Leonard Peterson can be listed as an approved manufacturer.

Response: No, manufacturer does not meet the specified warranty requirements.

Questions from Thomas P. Carney, Inc.

Question 1: A2-02A room #206 has G2/A8-01 designation. No borrowed light above tag on floor plan. Are there hollow metal frames at this location and at how many other rooms?

Response: TAG has been revised to "G3/A8-01" in the Addendum.

Question 2: Door # 120 hardware # 0016 in section 087100 set # 0038 on schedule, please clarify.

Response: Reference in Section 087100 is correct. Door schedule has been revised in the Addendum.

Question 3: Doors # 218, # 320 on door schedule with hardware set # 32 not listed under that set in section 087100, please clarify.

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- Response:** Door # 218 - listed under Hardware Set 46 in Section 087100.
Door # 320 – reference in Section 087100 is correct – Hardware Set 0052. Door Schedule has been revised in Addendum.
- Question 4:** Door # ST102 on door schedule hardware set # 41 in section 087100 set hardware set # 35, please clarify.
- Response:** Reference in Section 08 7100 is correct. Door Schedule has been revised in Addendum.
- Question 5:** Door # 201A, # 301A on door schedule hardware set # 43 in section 087100 set, hardware set # 39, please clarify.
- Response:** Reference in Section 08 7100 is correct: Door Schedule has been revised in the Addendum.
- Question 6:** Hardware set # 61 in section 08 7100 not on schedule, please advise.
- Response:** Hardware Set # 61 is for a handheld device.
- Question 7:** The bid document submission checklist states that Section 00-4870 – Use of Small, Minority & Woman Business is required with the bid. This form asks for the names and subcontract amounts of all small, minority and women businesses that have been committed to in preparation of this bid. Please advise if this form is required with the bid since while putting the bid together, finding out which firms qualify for Small or MBE Status, negotiating terms and conditions, scopes and contract amounts is nearly impossible. Additionally, it is impossible to negotiate a scope and price with a subcontractor without knowing what other subcontractors may still be submitting bids.
- Response:** This form is required with the bid.
- Question 8:** Please provide specifications and details for S06 pipe trench and cover shown dotted on A2-01A (see also S2.01A).
- Response:** Note added to A2-01A and detail added on drawing A8-01.
- Question 9:** H5/A4-12, please clarify plaster note as second floor slab and curtain wall intersection. (Should be similar to H6/A4-10?)
- Response:** Note has been removed from the drawing in the Addendum.
- Question 10:** How high is slat wall in serving # 109?
- Response:** Extend from top of back splash height to underside of ceiling, note added to drawing A2-01A in the addendum.
- Question 11:** Section 01200-2, unit cost allowances: receiving, handling, labor, installation, overhead and profit shall be included as part of contract sum and not part of the allowance. This will work with the # 4 brick allowance, but clarify the intent in

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excavation items # 1, #2, and # 3. How will labor and installation be handled?

Response: Specification section has been revised and reissued in the addendum to clarify.

Question 12: No designation on A2-01A floor plan for CW2-01 shown on 5/A3-01.

Response: Designation added to plan in the Addendum.

Question 13: Aluminum frame designation on 2/A301 (AL1-12) not on floor plan A2-01A.

Response: Designation added to plan in the Addendum.

Question 14: A2-01B at entry 117P centerline 1-2 confirm CW1-06 designation this location.

Response: Designation has been revised to CW2-12 in the Addendum.

Question 15: 7/A3-01 at third floor does not match floor plan CW1-06 shown at elevation, CW1-02 shown at A2-03A floor plan; confirm CW type at third floor.

Response: CW1-06 is correct. Designation on A2-03A has been revised in the Addendum.

Question 16: No AL1-11 designation at DR 129A A2-01B shown at 1/A3-01.

Response: Designation added to plan in the Addendum.

Question 17: Section 084113 has related section for aluminum windows. Please provide this specification section.

Response: Reference deleted in the addendum, there is no window specification section.

Question 18: 104413 2.2D calls for semi-recessed FE cabinet 3.3B1 calls for recessed FE cabinets. Please confirm.

Response: Specification section deleted in the addendum.

Question 19: No fire extinguisher designation on floor plan has FE designation. If cabinets are required clarify locations. Confirm if brackets, FE identification required as help station locations.

Response: All fire extinguishers FE designation shown on floor plans. FE-1 goes into Help Station locations FE-2, FE-3, FE-4 are mounted with brackets.

Question 20: Specification section 104413 contains no information regarding items 1.2A; 1-B and C confirm these are part of Plumbing Contract.

Response: Note added to drawing FP1-0 in the addendum.

Question 21: A2-50 TA-13 not in specifications please provide product data.

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- Response:** Specification has been revised in the addendum.
- Question 22:** A2-50 please provide height for all TA-10 counter mirrors. Verify length is typical of counter top length. H2/A2-50 lavatory details appear to show single mirror at each lavatory please clarify TA-10 not is specification.
- Response:** Item has been added to specification in the addendum.
- Question 23:** No window shade designation on finish plan please provide locations. Some locations labeled on wall sections others not labeled are these only locations. None shown at head detail.
- Response:** Specifications note locations for shades, along with drawings. Some head details are above ceiling (spandrel glass), therefore no shades at those heads above ceilings.
- Question 24:** No cubicle curtain designations on floor plan. Please confirm only location is room # 303.
- Response:** Note has been added to the drawing in the addendum.
- Question 25:** Please provide locations for wall corner, and door protection per section 102600.
- Response:** Locations have been added to the Floor Plans in the Addendum.
- Question 26:** Please confirm only location for refrigerators (AP-1) is room 124, 106-A and microwave (AP-2) is room 124.
- Response:** Yes
- Question 27:** Please provide height at display case not shown at detail H9/A8.13 floor plan detail labeled H8.
- Response:** Reference revised to H9/A8.13. Height of display case shown on A5-02 in the Addendum.
- Question 28:** Designation TAB-1 section 101100 not shown on drawings, please provide locations.
- Response:** TB-1 is located on drawing A2-01A near the Security Desk
- Question 29:** At room 203, 204, 205, 206, 209, 210, 211, 213, 216, 217, 306, 311, 313, 316, 317, 318 visual display board sizes vary. Floor has sizes that do not match sizes shown on IF drawings. Please clarify correct sizes.
- Response:** Size indicated on floor plans are correct reference to sizes of visual display boards, will be deleted in the Addendum.
- Question 30:** What are details of aluminum gate on G4/A5-02?

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- Response:** Details added to this drawing in the addendum.
- Question 31:** Instruction to Bidders Page 8 Section 1.27A – Minority Worker Outreach & Training. Please clarify what the Contractor’s involvement or responsibility is with the ½ to 1% payment to an approved training agency is and if this money is coming from the Contractor’s money or in addition to the Contractor’s contract.
- Response:** This is the Owner’s responsibility, per Document 00 1010, paragraph 1.27.A.
- Question 32:** Please issue a clearer copy of Document 00-3000 Bid Document Check List since the copy in the specification book is blurred.
- Response:** Reissued with addendum, per General Information item 2.
- Question 33:** Please clarify if the Signed Letter of Assent is required with the bid just from the Bidder or also the named subcontractors since at this point it is not executed by any of the Unions.
- Response:** See addendum, General Information item 1.
- Question 34:** Alternate # 1 and drawing IF1-00, please verify corridor 200, is part of Alternate # 1, if not provide boundaries of corridor 200.
- Response:** Corridor 200 is part of Alternate # 1. Drawing IF1-00 will be revised in the Addendum.
- Question 35:** C1-7 at concrete sidewalk detail what material is required at compacted subgrade layer?
- Response:** Compacted subgrade is the existing soil in areas of cut, and Type G in areas of fill.
- Question 36:** Clarify for Alternate # 1 commons O3D no on plan.
- Response:** There is no commons O3D. Reference will be removed in Addendum.
- Question 37:** IF2-01B please provide finish schedule for receiving # 125, # 130.
- Response:** Same as Mechanical 126.
- Question 38:** Stamped concrete locations on A2-01A and A2-01B refers to the Civil Drawings and detail on C1-7 for stamped concrete. Structural Drawing shows an S-4 slab type. Please confirm if concrete is stamped and thickness of concrete 4” or 5”.
- Response:** Stamped Concrete 5”.
- Question 39:** At hardware set 087100 hardware set # 35 doors/frames are aluminum, at 080001 doors/frame schedule they are wood doors with hollow metal frames. Please clarify.
- Response:** Hardware set has been revised in the addendum.

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- Question 40:** Reflective ceiling drawings have a typical note for “windows” in corridors, do common areas; floors 2 and 3 receive window shades. Clarify locations.
- Response:** Yes, Common Areas are considered part of the Corridor. Shades added to the details on A8-30 in the Addendum.
- Question 41:** Please provide sign size for 101400 3.4F.
- Response:** Sign sizes are indicated in paragraphs 3.4.A, B, C, D & E.
- Question 42:** The door schedule calls out Door # ST201B as aluminum type # 3 but the hardware schedule, set # 0041 calls for this door to be wood with hollow metal frame, fire rated. Please clarify.
- Response:** Specification Section 08 7100 is correct. Door Schedule will be revised in the Addendum.
- Question 43:** Please confirm there is no casework or millwork to be provided for the following room: Medical Storage # 307B, Faculty Hotel # 124, Janitor Closet # 128, Storage # 125A and # 125B.
- Response:** Only Faculty Hotel is to receive casework. Drawing A9-02 revised in the Addendum to show.
- Question 44:** Partition type “A” on A8-01 refers to structural for top of wall bracing. Please advise what is required.
- Response:** See Structural drawings detail 10/S6-02.
- Question 45:** D3/A8.13 indicates a metal stud and GWB faced CMU wall at SLMB-1 mounting. In this location and other SLMB-1 locations, wall type is “A” (no GWB and metal studs). Section 101100-6, paragraph 2.6 indicates units to be designed for recessed mounting. Please clarify wall types and marker board mounting.
- Response:** Note added to this detail and spec revised in the addendum.
- Question 46:** Bituminous Dampproofing is not indicted on the drawings. Is the intent that it be provided per 071113-3, paragraph 3.3B on this project.
- Response:** Provide at locations noted in Section 07 1113, par. 3.3.B.
- Question 47:** What is the intended location for Section 071326, Self Adhering Sheet Waterproofing, to be installed?
- Response:** Installed at the top of all thru-wall flashing, per details on drawing A8-30.
- Question 48:** What is the intended location for Section 071700, Bentonite Waterproofing, to be installed.

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- Response:** Below elevator pit floor slab and footings and on exterior face of pit walls, per detail 17/S3-01.
- Question 49:** Is the intent that Section 072726, Fluid-Applied Membrane Air Barriers, is only to be installed at Stair # 2 roof wall per note on H7/A8-31?
- Response:** Air barrier shall be installed in all cavity wall construction, applied to exterior face of all exterior wall sheathing and exterior face of CMU back-up. See details on drawing A8-30.
- Question 50:** Drawing C1-4 at 8" CLDIP water line tie in will all work from this location "by other" be completed and will water line be active? If in place will gate valves be able to be shut off?
- Response:** It is anticipated, but not guaranteed, that this work will be complete before the start of the New Science & Classroom Building project. Yes, valve would be able to be shut.
- Question 51:** Please provide locations for detail E3/A8-01.
- Response:** Locations have been added to the Floor Plans in the Addendum.
- Question 52:** A5-10 please clarify head, jamb, sill details for CW2-08.
- Response:** Drawing revised in the addendum.
- Question 52:** Please confirm CW2-02/CW2-03 receive slate stool per H6/A4-10 does not match incomplete sill detail A5-10 at these CW's. Do any other curtainwall types have incorrect sill details as they relate to slate stools.
- Question:** All Aluminum Frame Types shall receive slate stools at the sill.
- Question 53:** Is CW2-12 at H5/A7-01 slate stool?
- Response:** Yes.
- Question 54:** No detail A5-10 frame CW2-1, please clarify.
- Response:** Details provided on A5-10.
- Question 55:** Does top of small ledge H4/A4-11 vestibule 105 represent slate stool?
- Response:** Yes.
- Question 56:** Civil drawings (typical) storm water management basin "by others". Who is responsible for Note 2, C1-11 and sediment control detail C1-12?
- Response:** Contractor is responsible for this work. Clarification has been issued in the addendum.

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Question 56: Please provide specifications for two 3 sided vinyl fence locations (no gate shown) drawing C1-2.

Response: Note added to drawing in the addendum.

Question 57: Are there (9) concrete wheel stops at handicap parking area C1-2 or (5) as shown?

Response: Provide 5 concrete wheel stops.

Question 58: Drawing A4-10, sections H4, H6 and F9 call for insulation to be adhered to the spandrel surface. Specification Section 072100, paragraph 3.4 calls for insulation not to touch the spandrel glass, but to be fastened with mechanical fasteners. Which is correct?

Response: Addressed in the addendum under General Information.

Question 59: Drawing A5-01 hollow metal frames type SF-2A, -2B, -9A, -10A and -10B to be glazed with glass type MG-2 at the sidelights but the doors, type # 5 in these frames have glass type MG-1 scheduled according to the door schedule. Please advise.

Response: This is correct.

Question 60: Is proposed water going to be C900 or DIP?

Response: C900.

Questions from Radius Systems LLC

Question 1: For the DVR/NVR Pelco 8100 – How many days of recording retention are you looking for?

Response: Specification has been revised in the addendum to address this issue.

Question 2: For the DVR/NVR Pelco 8100 – At what rate?

Response: Specification has been revised in the addendum to address this issue.

Question 3: For the DVR/NVR Pelco 8100 – What resolution?

Response: Specification has been revised in the addendum to address this issue.

Questions from AI-Con Products, Inc.

Question 1: Per your Plans & Specs for the New Science and Classroom at Camden County College: Drawing P2-01A shows the outline of a floor utility trench (as well as DWG A2-01A), which indicates Detail 18/S3-01. A section detail. What are the Specs (size & material) for the Utility Trench? No additional information could be found in the Specifications or on the Architectural drawings.

Response: Trench shall be 18" wide x 16" deep. Drawing A2-01A has been revised in the Addendum.

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Terminal Construction Corporation

Question 1: Please provide the column footing schedule and footing identification on foundation drawings S2-01A and S2-01B.

Response: See S5.01, column schedule for footing sizes and reinforcing.

Question 2: Please confirm or clarify which of the following documentation is required from the bidder and/or named subcontractors.

- a. If evidence of Performance Security is being provided for by the bidder for the entire project, is it still required for by the name subcontractors.
- b. IRS W-9 form is being provided by the bidder. Is this form required to be submitted by the named contractors?
- c. Which form or forms in the bid documents, if any, satisfy your requirement that the bidder submit with his bid, "a Public Disclosure Information" as cited in Document 00 0300, Legal Notice to Bidders, paragraph 11.
- d. Form 00 4870 cites a Project Goal of 25% for small businesses. However, this form also has categories for minority and women owned businesses and sets a combined target of 25%. Please clarify what the goal is for this project. Is it for SBE only or SBE/MBE/WBE combined?
- e. Please provide a clear copy of Document 00 3000, Bid Document Submission Checklist as the one in the specifications is partially illegible.

Response:

- a. As per NJSA 18A:64A-25.25, "all bids submitted shall set forth the name or names of, and evidence of performance security from, all subcontractors" in the listed categories.
- b. Yes.
- c. Refer to Document 00 4850.
- d. The goal is 25% or better and can be either SBE or SBE/MBE/WBE combined.
- e. Document reissued in the addendum.

Question 3: General Conditions of the Contract sections 2.2.1 and 3.7.1 state that the contractor is responsible for the cost of permits. However, at the pre-bid meeting, it was stated that the Owner has taken care of all permit fees. Please confirm.

Response: Contractor is responsible to visit the Gloucester Township Construction Code office and update the construction code application or permits. Contractor will not be responsible for any fees. The permit applications are currently under review.

Question 4: Reference is made to the service yard wall. The structural detail 20/53-01 calls for one concrete wall, however, the architectural detail F7/A5-02 calls for the masonry wall. Please clarify.

Response: Details have been coordinated and revised in the Addendum.

Question 5: Specification Section 05120 Quality Assurance 1.6A does not stipulate AISC Certification, but 1.5F requires submitting AISC paperwork. Does the structural steel fabricator need to be AISC certified?

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Response: Yes, specification has been revised in the addendum.

Questions from Hunter Roberts Construction Group

Question1: Please confirm that the building permits are not the GC's responsibility.

Response: The GC is responsible to visit the Gloucester Township Construction Code office and update the construction code application or permits. They will not be required to provide any fees. The permit applications are currently under review.

Question 2: Please confirm that builder's risk is not the responsibility of the GC.

Response: By Owner, per Article 11.3.1 of the General Conditions.

Question 3: Please provide a section of the exterior wall at a pier showing where the block back up will stop at a non window condition.

Response: See Wall Section H1/A4-10.

Question 4: Document 004000 states that the GC must list all subcontractors with their bid. Is this correct or are we just to name the mechanical, plumbing, electrical and structural steel contractors?

Response: Document 00 4000 paragraphs (a) through (e) note the requirements for the project.

Question 5: Drawing A5-02 detail F7 calls for gravel at the mechanical yard and the structural drawings call for a type S2 concrete slab. Which is correct?

Response: Concrete is correct, A5-02 has been revised in the addendum.

Question 6: Is the GC responsible for installing the surgical light or the support in room 307-A?

Response: No surgical light, graphic representation.

Question 7: Drawing C1-2 calls for the landscape planters to be by others. Does this include the plants and soil?

Response: Planters, soil and plantings for the planters is 'By Others'.

Question 8: Does all of the temporary construction fence have the fabric screen or is the fabric just on the fence at the existing buildings?

Response: Only portions of the construction fence will have fabric screen. Notes have been added to the drawing in the addendum to clarify.

Question 9: Detail H6/A4-10 shows brick pavers at the entrance and the civil and structural drawings both show stamped concrete. Which is correct?

Response: Stamped concrete is correct. Detail H6/A4-10 has been revised in the Addendum.

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- Question 10:** Are W-9 forms required to be submitted for subcontractors being named?
- Response:** See specification Section 00 4880.
- Question 11:** Is the GC required to submit small, minority and women business certificates with the bid for all subcontractors who are being named?
- Response:** Yes, per Document 00 3000 and Section 00 4870.
- Question 12:** Are Public Works certificates and NJ Business Registration certificates required to be submitted for the subcontractors being named?
- Response:** Yes, per Document 00 3100.
- Question 13:** Please specify the locations of corner and wall guards as none are shown on the drawings.
- Response:** Plans will be revised to show location in the Addendum.
- Question 14:** Where is FEC-1 to be used? No locations are shown on the drawings.
- Response:** Not used. Specification Section has been deleted in the Addendum.
- Question 15:** Please provide a specification for the fire hose cabinets.
- Response:** Fire hose cabinets information will be issued in the Addendum.
- Question 16:** In reference to sliding marker boards and chalkboards, the floor plans label SCLB-1 and SLMB-1 as 14 feet long where as the finish plans label the same locations as 16 ft. and 12 ft. long respectively. Please advise which lengths are correct.
- Response:** Sizes indicated on floor plans are correct. Reference to sizes of visual display boards will be deleted in the Addendum.
- Question 17:** What are the specifications and dimensions for the ceramic tile base CTB-3 as it is not listed in the specifications?
- Response:** Specification revised in the addendum.
- Question 18:** In Instruction to Bidders paragraph 1.27.A., is this an Owner cost, or is the GC to carry this cost in the bid?
- Response:** Owner cost, per par. 1.27.A.
- Question 19:** Are there any specifications for the miscellaneous metals?
- Response:** Metal Fabrications section has been added in the addendum.

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Question 20: Clarify that the glazed CMU base (GCMU01/1A) occurs in the Base Bid for the 2nd and 3rd floors, and is unaffected by Alternate # 1.

Response: Correct.

Question 21: In reference to drawing IF2-01B, what are the required finishes to be furnished and installed in the "Receiving 125" hallway?

Response: Finishes shall be the same as Mechanical 126.

Question 22: In reference to drawings IF2-02A and IF2-02B, on each drawing the "Janitor's Closet 218" has conflicting floor and base finishes. Please advise which finish schedule is correct.

Response: Finish references shown in Janitor's Closet 218 on Drawing IF2-02B.

Question 23: In reference to drawing IF1-00, it notes that RT-2 is to be installed in "Reception First Floor". Nowhere on the finish plans is RT-2 specified. Please advise the location of RT-2.

Response: RT-2 is not used.

Question 24: In reference to drawing A8.13 Detail H9, please provide an elevation of the display case.

Response: Elevation of the display case has been added to drawing A5-02 in the Addendum.

Question 25: In reference to drawing A2-50, TA-10 and TA-13 are shown on the drawings but not listed in the specifications. Please advise these items.

Response: Items added to the Specs in the addendum.

Ascape Landscape & Construction Corp.

Question 1: Note # 5 on Plan C1-5 states sod instead of seed can be used. Where on the plan is there any seeding? Please clarify where seeding will be needed.

Response: See note #4 on same sheet. All areas that do not have buildings, pavement, sidewalk or landscaping get seeding, or sod. The island at the main entrance and the drop off/turnaround island get landscaping with mulch, no grass. Also, the foundation plantings in front of the New Science Building and the Criminal Justice Building have landscaping with mulch, no grass. Note that other areas get grass, including areas between the sidewalk and curb line along the Ring Road and the parking lot.

Questions from Sambe Construction Co.

Question 1: Roof Plan A2-04A Detail 2 shows a standing seam metal roof on the penthouse. However, if you turn to page A8-20 (Details) Detail F3 shows a membrane roof. Is the roof a membrane roof or a standing seam metal roof?

Response: Penthouse shall receive a standing seam metal roof. Detail F3 is NOT correct.

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Drawing has been updated in the Addendum.

Question 2: Specification 102600, please advise where on the drawings this material is to be installed.

Response: Locations have been added to the Floor Plans in the Addendum.

Question 3: Specification Section 123553 entitled Laboratory Casework appears to allow for bids to be submitted from the specified manufacturers. We have a request from a local contractor to submit the following Lab Casework Manufacturer for consideration:
CIF Lab Casework Solutions
56 Edilcan Drive
Concord, Ontario
Canada L4K 3S6
www.cifsolutions.com

Response: Domestic materials are required per Document 00 1010, par. 1.16.

Question 4: Specification 003000 in our volume is very graining and appears to have been somewhat cut off on the left. Will this document be re-issued?

Response: Document has been reissued in the addendum.

Question 5: Specification 004860 in our volume is very graining and appears to have been somewhat cut off on the left. Will this document be re-issued?

Response: Document has been reissued in the addendum.

Question 6: Please consider having to submit document per specification 004870 prior to award and not during the bid. It is extremely difficult during the bid to determine which contractors are SBE, MBE, and WBE because not all subcontractor or suppliers advise you of their socio-economic status. Most public agencies, such as the New Jersey Schools Development Authority have the contractor submit the document after the bid, but the award. Please consider.

Response: Required with the bid per Document 00 3000 and Section 00 4870.

Question 7: Please advise if there is any paperwork required to be submitted for the 4 sub-prime contractors (steel, plumbing, HVAC and electrical) other than the following:

- a. New Jersey Department of Property Management & Construction (DPMC) Notice of Classification.
- b. New Jersey Department of Property Management & Construction (DPMC) Total Uncompleted (Form 701).
- c. New Jersey Public Works Certificate (NJPWC).
- d. New Jersey Business Registration Form.
- e. Plumbing License if bidding on plumbing.
- f. Electrical License if bidding on electrical.

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Response: Requirements are noted in Document 00 3100.

Question 8: Per the General Conditions 9.3.1.4, please advise if the retainage can be reduced from 10% to 5% at 50% completion of the project for the balance of the 50% of the contract?

Response: Retainage requirements are noted in the General Conditions, Article 9.3.1.4.

Question 9 Specification 015000 paragraph 2.2.b, please advise if a 10 x 50 owner/architect trailer is acceptable?

Response: Trailer must be of a size as required to accommodate the items note in the specification.

Question 10: Drawing C1-1, please concur that where it does state "by others", it is meant by other Contract and will be done prior to New Science & Classroom Building Contractor.

Response: On drawing C1-1, 'By Others' means work done by others, and not part of this contract. Construction by others may or may not be complete prior to the start of the New Science & Classroom Building construction.

Question 11: C1-13 indicates the location of the 6' high temporary fencing per specification 0015000 paragraph 2.1. Please concur the only location of the screening will be just the 2 runs of fencing. The other fencing at the rear of the building does not require any screening.

Response: Only portions of the construction fence will have fabric screen. Notes have been added to the drawing in the addendum to clarify.

Questions from TriState HVAC Equipment

Question 1: 1.5.C Hydrostatic Pressure Test: Once the Packaged System is fully assembled, all piping shall be hydrostatically pressure tested to ASME B31.1 in the factory before shipping. Hydrostatic testing of individual pipe spools or sub-assemblies is not acceptable. Submit certified factory test report. Upon completion of assembly in the field, a second on site test shall occur witnessed by the Owner. Submit field test report.

Epsilon as standard, will perform a pressure test once the assembly ins complete in the factory. If a second test is desired, I would clarify that this is performed by the installing contractor, as that will be much more cost effective than having Epsilon do this. I doubt the second test was covered in the budgeting phase and may turn out to be costly item.

Response: The successful bidding Contractor owns the 2nd test. Whether he wishes the Penthouse Manufacturer or field forces do this is his call. Either is acceptable.

Question 2: 1.5.D Testing Equipment and Instrumentation: the hydronic test stand used to test hydronic performance shall have a tank or series of tanks that will limit the water temperature rise from beginning to end of the test to 10 degrees F. The flow meter(s) used for the flow test shall be wet-calibrated and certified accurate to within 0.1% at it

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calibrated velocity and traceable to NIST. Accuracy of the flow meter shall be within 2% over the test range. Accuracy of the pressure data logger for the hydrostatic pressure test shall be within 0.6% of the test pressure.
This section will not apply as the factory test will be a pressure test only and not a flow test.

Response: A flow test will be required.

Question 3: 1.6.B.2 Panels: Finish Warranty Period: 20 years from date of Substantial Completion. The standard warranty on the entire unit is 1 year. 20 years will be a substantial add. It can be included, but I wanted to make you aware of that fact.

Response: Warranty is required as per the specification.

Question 4: 1.6.C.1 Roof: Warranty Period: 20 years from date of Substantial Completion. The same applies here.

Response: Warranty is required as per the specification.

Question 5: 2.2.F & G. Air Infiltration for Metal Roof Panels: Air leakage through assembly of not more than 0.06 cfm/sq. ft. (0.3 L/s per sq. m) of roof area when tested according to ASTM E 1680 at negative test-pressure difference of 1.57 lbf/sq. ft. (75 Pa).

Response: Air infiltration performance shall meet the requirements above.

Question 6: These seem to be related to an airhandler spec and would not apply to in this case.

Response: Air infiltration performance shall meet the requirements above.

Question 7: 2.2.H & I Water penetration for Metal Roof Panels: No water penetration when tested according to ASTM E 1646 at test-pressure difference of 2.86 lbf/sq. ft. (137 pa). Water penetration for Metal Wall Panels: No water penetration when tested according to ASTM E 331 at a wind-load design pressure of not less than 2.86 lbf/sq. ft. (137 Pa).

The roof and wall are standing seam, and hence "water proof", but do not carry an ASTM certification.

Response: Air infiltration performance shall meet the requirements above.

Question 8: 2.9.A Condenser Water Sidestream Filter
The specification is a Spirovent model, but B&G are list for condenser water and boiler. I'm not sure of which way you were leaning, but thought I would point this out.

Response: No objection to either manufacturer.

Question 9: 2.1.5 Piping Insulation
We previously discussed having the insulation installed in the field, as it tends to get in the way or damaged during reassembly of the system. This section refers back to

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230719, but I don't see anything about the insulation being field installed. We can carry the unit with or without insulation, but you may want to clarify.

Response: This can be left up to the choice of the successful bidding contractor as he sees fit.

Question 10: 3.1.B all pump and hydrostatic pressure tests shall be done twice. The factory tests shall be repeated in the field after penthouse is assembled on site. All on site tests shall be witness by the Owner. Submit certified test reports for all factory and field tests.

This infers that the pumps should be tested at the factory as well in the field. We're not exactly clear as to what type of test needs to be performed. Again, Epsilon will pressure test the system, but does not have a particular test that can be run on the pumps, other than running them, and there won't be much of a report that can be provided. I would suggest leaving the pressure test, and having any type of run tests/reports be included as part of the start-up reports. This will keep the cost down as check/test is already included.

Response: A pump flow test is required, certifying design flow rates are achieved in addition to the system pressure test.

Questions from Hall Construction Co., Inc.

Question 1: Please confirm that as per NJSA 18A:64A-25.25 that the only subcontractors required to be listed on Document 00 4000 and to be included with the bid submission are:

- a. Plumbing and Gas Fitting Work,
- b. Heating and Ventilating Systems and Equipment,
- c. Electrical Work,
- d. Structural Steel and Ornamental Iron Work

Response: Subcontractors shall be listed consistent with the statute and with the form listed in the documents.

Question 2: HVAC Contractors do not have licenses, please delete this submission requirement.

Response: This requirement has been deleted in the addendum.

Question 3: Please reissue Document 00 3000 Bid Document Submission Checklist as the left side is unreadable in the bid documents.

Response: Reissued in the addendum.

Questions from The Bedwell Company

Question 1: Clarify project duration – AIA A101 page 3 states the work shall be substantially 400 hundred days from the Notice to Proceed.....Page 01 1000-3 of Summary states Project Completion within 560 calendar days after commencement of the work.

Response: AIA Document A101 has been revised in the addendum.

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Question 2: Clarify liquidated damage amounts ITB pg 00 1010-6 states liquidated damages range from \$1,500.00 to \$5,000.00; Page 01 1000-3 of Summary states \$3,000.00 as liquidated damages.

Response: Liquidated damages has been clarified in the addendum.

Question 3: Bid Form pg. 00 3000-4 lists L. F. for unit price "B"; confirm that this unit price is to be measured in cubic yards to conform to Allowance No. 2 ad described on page 02100-3.

Response: Bid Form has been revised & reissued in the addendum.

Questions from Dandrea Construction Co., Inc.

Question 1: How many days do we have to complete the project. The summary (01 1000-2) states 560 days while the "Contract" 00 5000/3.3 states 400 days.

Response: "Contract" has been revised in the addendum.

Question 2: Will the AISC certified fabricator requirement be waived? Considering that an independent 3rd party will be performing the steel inspections, this seems redundant and very costly. Other firms follow the AISC guidelines but do not pay for the certification.

Response: Requirement will not be waived.

Questions from Ingersoll Rand Security Technologies

Question 1: The AD 300 Series Lock will be hardwired to the facility's Electronic Access Control panel. Although the lock can integrate with any manufacturer's Electronic Access System, an additional item, the PIB300-2D, is required for every two AD300 locks to communicate with an Access Control System other than the Schlage Management System. If the winning bidder provides the Schlage Management System in its package no PIB300-2Ds will be necessary. The Schlage Management System meets or exceeds all of the listed requirements in the 281300 Section of the specification.

The list price of the PIB300-2D is \$383.00. The fifty one PIB300-2Ds required to communicate with the one hundred and two AD Series Locks would add a list price of \$19,533 to the project. I have attached data sheet for the PIB300-2D and the Schlage Management System.

Will you please add the Schlage Management System and Schlage PIB300-2D to an addendum to ensure all 281300 bidders include it in their package?

Response: This item has been addressed in the addendum.