



Addendum #4

New Jersey Schools Development Authority
Office of Procurement
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Date: September 23, 2016

PROJECT #: HU-0027-B01
Harrison New Elementary School
Harrison Public Schools

DESCRIPTION: Addendum #4

This addendum shall be considered part of the Design-Build Information Package issued in connection with the referenced project. Should information contained in this Addendum conflict with the Design-Build Information Package, this Addendum shall supersede the relevant information in the Design-Build Information Package.

A. CHANGES TO THE PROCUREMENT PROCESS:

- 1. Not applicable.

B. CHANGES TO THE PROJECT MANUAL:

NOTE that modifications to the following items will be shown as follows: additions in **bold and underlined** text; deletions in *strikethrough and italics*.

1. Volume 4 Demolition Documents

- a. **ADD:** In Section 02221 Building Demolition, Section 3.3, C add Item #6 as follows:

6. IN ORDER FOR THE CONTRACTOR TO RECEIVE A PERMIT FROM NJ DCA, THE CONTRACTOR SHALL COMPLY / SUBMIT DOCUMENTS WHICH COMPLY WITH THE FOLLOWING CONSTRUCTION CODE REQUIREMENTS FOR A SAFETY BARRIER AND COVERED WALKWAY:

- 2015 INTERNATIONAL BUILDING CODE - NJ EDITION, CHAPTER 33 - SAFEGUARDS DURING CONSTRUCTION.
- 2015 INTERNATIONAL BUILDING CODE - NJ EDITION, CHAPTER 33, SECTION 3306.1 - PROTECTION REQUIRED: "PEDESTRIANS SHALL BE PROTECTED DURING CONSTRUCTION, REMODELING AND DEMOLITION ACTIVITIES AS REQUIRED BY THIS CHAPTER AND TABLE 3306.1. SIGNS SHALL BE PROVIDED TO DIRECT PEDESTRIAN TRAFFIC".
- 2015 INTERNATIONAL BUILDING CODE - NJ EDITION, CHAPTER 33, SECTION 3306.2 - WALKWAYS: " A WALKWAY SHALL BE PROVIDED FOR PEDESTRIAN TRAVEL IN FRONT OF EVERY CONSTRUCTION AND DEMOLITION SITE UNLESS THE AUTHORITY HAVING JURISDICTION AUTHORIZES THE SIDEWALK TO BE FENCED OR CLOSED. WALKWAYS SHALL BE OF SUFFICIENT WIDTH TO ACCOMMODATE THE PEDESTRIAN TRAFFIC, BUT IN NO CASE SHALL THEY BE LESS THAN 4 FEET IN WIDTH. WALKWAYS SHALL BE PROVIDED WITH A DURABLE WALKING SURFACE. WALKWAYS SHALL BE ACCESSIBLE IN ACCORDANCE WITH THE BARRIER FREE SUBCODE (N.J.A.C. 5:23-7) AND SHALL BE DESIGNED TO SUPPORT ALL IMPOSED LOADS AND IN NO CASE SHALL THE DESIGN LIVE LOAD BE LESS THAN 150 POUNDS PER SQUARE FOOT (PSF).
- 2015 INTERNATIONAL BUILDING CODE - NJ EDITION, CHAPTER 33, SECTION 3306.5 - BARRIERS: "BARRIERS SHALL BE A MINIMUM OF 8 FEET IN HEIGHT AND SHALL BE PLACED ON THE SIDE OF THE WALKWAY NEAREST THE CONSTRUCTION. BARRIERS SHALL EXTEND THE ENTIRE LENGTH OF THE CONSTRUCTION SITE. OPENINGS IN SUCH BARRIERS SHALL BE PROTECTED BY DOORS WHICH ARE NORMALLY KEPT CLOSED.
- 2015 INTERNATIONAL BUILDING CODE - NJ EDITION, CHAPTER 33, SECTION 3306.6 - BARRIER DESIGN: "BARRIERS SHALL BE DESIGNED TO RESIST LOADS REQUIRED IN CHAPTER 16 UNLESS CONSTRUCTED AS FOLLOWS:
 1. BARRIERS SHALL BE PROVIDED WITH 2-INCH BY 4-INCH TOP AND BOTTOM PLATES.
 2. THE BARRIER MATERIAL SHALL BE A MINIMUM OF 3/4-INCH BOARDS OR 1/4-INCH WOOD STRUCTURAL USE PANELS.
 3. WOOD STRUCTURAL USE PANELS SHALL BE BONDED WITH AN ADHESIVE IDENTICAL TO THAT FOR EXTERIOR WOOD STRUCTURAL USE PANELS.
 4. WOOD STRUCTURAL USE PANELS 1/4 INCH OR 5/16 INCH IN THICKNESS SHALL HAVE STUDS SPACED NOT MORE THAN 2 FEET ON CENTER (O.C.).
 5. WOOD STRUCTURAL USE PANELS 3/8 INCH OR 1/2 INCH IN THICKNESS SHALL HAVE STUDS SPACED NOT MORE THAN 4 FEET O.CO., PROVIDED A 2-INCH BY 4-INCH STIFFENER IS PLACED HORIZONTALLY AT MIDHEIGHT WHERE THE STUD SPACING EXCEEDS 2 FEET O.C.
 6. WOOD STRUCTURAL USE PANELS 5/8 INCH OR THICKER SHALL NOT SPAN OVER 8 FEET.

- 2015 INTERNATIONAL BUILDING CODE - NJ EDITION, CHAPTER 33, SECTION 3306.7 - COVERED WALKWAYS: "COVERED WALKWAYS SHALL HAVE A MINIMUM CLEAR HEIGHT OF 8 FEET AS MEASURED FROM THE FLOOR SURFACE TO THE CANOPY OVERHEAD. ADEQUATE LIGHTING SHALL BE PROVIDED AT ALL TIMES. COVERED WALKWAYS SHALL BE DESIGNED TO SUPPORT ALL IMPOSED LOADS. IN NO CASE SHALL THE DESIGN LIVE LOAD BE LESS THAN 150 PSF OR THE ENTIRE STRUCTURE"

EXCEPTION: ROOFS AND SUPPORTING STRUCTURES OF COVERED WALKWAYS FOR NEW, LIGHT-FRAME CONSTRUCTION NOT EXCEEDING TWO STORIES IN HEIGHT ARE PERMITTED TO BE DESIGNED FOR A LIVE LOAD OF 75 PSF OR THE LOADS IMPOSED ON THEM, WHICHEVER IS GREATER. IN LIEU OF SUCH DESIGNS, THE ROOF AND SUPPORTING STRUCTURE OF A COVERED WALKWAY ARE PERMITTED TO BE CONSTRUCTED AS FOLLOWS:

1. FOOTINGS SHALL BE CONTINUOUS 2-INCH BY 6-INCH MEMBERS.
2. POSTS NOT LESS THAN 4-INCHES BY 6 INCHES SHALL BE PROVIDED ON BOTH SIDES OF THE ROOF AND SPACED NOT MORE THAN 12 FEET O.C.
3. STRINGERS NOT LESS THAN 4 INCHES BY 12 INCHES SHALL BE PLACED ON EDGE UPON THE POSTS.
4. JOISTS RESTING ON THE STRINGERS SHALL BE AT LEAST 2 INCHES BY 8 INCHES AND SHALL BE SPACED NOT MORE THAN 2 FEET O.C.
5. THE DECK SHALL BE PLANKS AT LEAST 2 INCHES THICK OR WOOD STRUCTURAL PANELS WITH AN EXTERIOR EXPOSURE DURABILITY CLASSIFICATION AT LEAST 23/32 INCH THICK NAILED TO THE JOISTS.
6. EACH POST SHALL BE KNEE BRACED TO JOISTS AND STRINGERS BY 2-INCH BY 4-INCH MINIMUM MEMBERS 4 FEET LONG.
7. A 2-INCH BY 4-INCH MINIMUM CURB SHALL BE SET ON EDGE ALONG THE OUTSIDE EDGE OF THE DECK.

- NEW JERSEY UNIFORM CONSTRUCTION CODE, 5:23-1.4 DEFINITIONS

THE CONTRACTOR SHALL SUBMIT SIGNED/SEALED SHOP DRAWINGS WHICH ARE PREPARED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER WHICH DOCUMENTS THE CONSTRUCTION OF THE SAFETY BARRIER AND COVERED WALKWAY AND COMPLIANCE WITH ALL OF THE ABOVE NJ CODE REFERENCES FOR NJ DCA REVIEW, COMMENT / APPROVAL.

**THE CLOSURE OF ANY SIDEWALK SHALL OCCUR ONLY UPON WRITTEN
APPROVAL BY THE CITY OF HARRISON - POLICE DEPARTMENT.**

C. CHANGES TO THE PERFORMANCE SPECIFICATIONS:

1. Not applicable.

D. CHANGES TO THE DRAWINGS:

1. Not applicable.

E. BIDDER'S QUESTIONS, REQUESTS FOR INFORMATION AND RESPONSES:

1. Question: The Food Service Specifications do not have an itemized schedule of equipment. Please provide.

Answer: The Equipment Schedule is located on Sheet A-801, included within the Design-Build Information Package (DBIP).
2. Question: The food service bridging documents indicate a fryer unit. Is this allowed? Our understanding is that fryers are not allowed to be used. Please confirm.

Answer: Yes. A fryer is required with accessories per the DBIP.
3. Question: Should the table, food service item 16, be located on the opposite side of the hood, allowing a separation between the serving line and the cooking line? Please advise.

Answer: Alternative Kitchen arrangements may be submitted by the successful Bidder for review and approval by both the NJSDA and the District.
4. Question: There is a garbage disposer indicated at the prep table, food service., item 22. Should a similar disposer be indicated at the 3-compartment sink? Please advise.

Answer: Yes. The Three-compartment sink must also receive a garbage disposer.
5. Question: We are herewith submitting Padenpor sports flooring as an acceptable substitution for the PRCF flooring scheduled to go in the Gymnasium at the Harrison Elementary School. Please see the attached Padenpor product brochure, as well as Padenpor product specifications for your reference. Please advise.

Answer: The SDA has reviewed the substitution request for the Pradenpor Multipurpose Flooring System (9mm + 2mm), manufactured by Abacus Sports, and has

determined that this product does not meet the performance requirements of the Basis of Design and is therefore not approved.

6. Question: Specification section D4010.10, 1, A, lists the rooms to be protected by pre-action systems. They do not include in that list IT Office A-303 or Sto. & Server A-301B. Please verify that these two rooms do not need to be protected by a pre-action sprinkler system and that they can be protected by a wet sprinkler system.

Answer: Incorrect. The IT Office A-303 and Sto./Server Room A-301 must also be protected by the pre-action fire suppression system.

7. Question: The RRP, Section 1.0, identifies at least one (1) heating oil UST is likely to be required to be removed by the DBC. UST's may include AOC-1B (22 South 5th St), AOC-1 C (26 South 5th St). Each of these UST's is identified as not requiring further investigation as detailed in Sections 4.1.2.1 & 4.1.2.2 of the SI/RI/RA WP. If the UST's are identified as having holes and/or impacting the environment and thereby requiring a NJDEP notification, will the LSRP be making said notification?

Answer: Please reference the As-Built Conditions – Post-Early Site Package - Existing Conditions Letter Report, included as Attachment 3.5, Addendum #3, dated September 16, 2016. Please note that, should the Design Builder encounter environmental impacted soils beyond those identified within the DBIP, they shall notify the on-site NJSDA Representative who will notify the LSRP. The Design Builder shall not communicate directly with NJDEP. Any communications or notifications will be performed under the direction of NJSDA and the LSRP.

8. Question: In supporting the brick wall above the low roof to the high roof, will a relieving angle bolted to the back-up block wall above the low roof be acceptable?

Answer: A relieving angle bolted through bolted to solid or concrete-filled masonry backup is acceptable, subject to code, verification by the Design-Builder's structural engineer and the limitations in PS B2010.00 Exterior Walls, paragraph I.D.3 prohibiting expansion anchors or adhesive systems.

However, see Sheet A-301 Sections, Detail 3 Section C-C and 2 Section B-B. The design intent is that the low roofs align with the adjacent floors.

9. Question: The project criteria calls for building envelope minimum OITC ratings of 30 with windows and 36 without windows. According to the ANSIS12.60 standard these ratings are based upon an outdoor sound level at the site of 55dB(A). Please confirm that the minimum OITC ratings for this project are 30 for walls with windows and 36 for roofs and walls without windows.

Answer: Confirmed.

10. Question: Please provide the Date that the Harrison BOE is looking to occupy the New Elementary School so that we can work toward that goal in preparing our Technical Proposal. We fully realize that Project Duration Parameters were given, however we want to make sure we accommodate the needs of the Harrison BOE and its students.
- Answer: The SDA's project schedule anticipates occupancy of the New Elementary School by September 13, 2019.
11. Question: Safety Coordinator/ Inspector and Quality Assurance Control Coordinator personnel is not listed in RFP article 3.5.1.1; please advise if this staff is required.
- Answer: Qualified persons to perform the cited functions are required, but such employees need not be identified in the Technical Proposal. Per the Design-Build Agreement, Section 6.9 and Section 6.10, the Design Builder is required to employ a Quality Assurance/Quality Control Coordinator/Inspector and a Safety Coordinator and Inspector, each possessing the qualifications specified in the sections describing that function.
12. Question: If the Safety Coordinator/Inspector and Quality Assurance Control Coordinator are required, please advise if they are to be on site, full time and if one person can perform both roles.
- Answer: Per the DBIP Section 6.9.2 and Section 6.10.3, both the Safety Coordinator and a Quality Assurance/Quality Control Coordinator/Inspector must be on site at all times Work is being performed, furthermore, these functions must be performed by separate persons and cannot be combined and performed by a single person.
13. Question: Please confirm the fire pump allowance includes all associated costs to upgrade associated systems such as increasing the size of the emergency generator.
- Answer: The Allowance amount shall include all construction costs associated with the unknown or unquantified Work, including any costs to upgrade associated systems. The Allowance amount shall NOT include design or other services which may be necessary in order to determine whether use of the Fire Pump Allowance is necessary. Design or other services necessary to determine whether utilization of the Allowance is necessary shall be included in the Design-Builder's price proposal.
14. Question: Section D3050.50 HVAC Air Distribution, Page 5 Article II.A3.b notes Flexible Duct in return applications is not allowed; please confirm it is not allowed.
- Answer: Confirmed.

15. Question: Section 82020.00 Exterior Windows does not specify the type of glazing to be used for the windows; please clarify.
- Answer: See the Authority's Materials and Systems Standards for glazing requirements.
16. Question: Please confirm that on Page 7 of the Price Proposal that the Design Services Fee and the Construction Services Fee is to be listed in Numeric Figures only.
- Answer: The Price Proposal Form has been replaced, see Attachment 3.1, Addendum #3, dated September 16, 2016.
17. Question: Please confirm the commissioning agent is to be retained by the design-builder
- Answer: Confirmed.
18. Question: Please confirm rooftop concrete acoustical equipment slabs are required to meet the acoustical performance criteria.
- Answer: While this may be likely, a determination in this regard is dependent upon both the location and the performance of the specific equipment provided in the Design-Builder's final design.
19. Question: Is the sanitary line required to have a house trap?
- Answer: House traps are not required unless mandated by applicable codes.
20. Question: Does the gas meter need to be enclosed?
- Answer: Yes. It is the intent of the design to comply with the Best Practice Standards for Schools Under Construction or Being Planned for Construction promulgated by the New Jersey Department of Community Affairs. See paragraph II.B.4 of that document. Utility service entrance features mounted on the exterior wall of the building are required to be enclosed by walls or fences.
21. Question: Does the domestic hot water require an ASME rated expansion tank?
- Answer: Pressure vessels and related safety devices must be rated and/or certified as required by code.
22. Question: Please confirm hinge guards are required at the classroom doors only.
- Answer: See Performance Specification Section C1030.00 Interior Doors, paragraph I.C.3.e. Provide hinge guards at only classroom and toilet room doors in Pre-Kindergarten and Kindergarten classrooms.
23. Question: Please confirm horn/strobes are required in the stair towers.

Answer: Provide horn/strobe units in compliance with applicable codes.

24. Question: Please confirm the school district will be integrating their IT components before the school is turned over.

Answer: Yes, the District will coordinate integration of IT components prior to the Design-Builder's substantial completion date.

25. Question: Can landscape areas around the school be increased for additional LEED points?

Answer: The NJSDA has identified certain LEED credits of which the District is or is not supportive of in Performance Section PS 1030.00 I.A.5.b; however, the successful Design-Builder may propose additional credits for review by the District and the SDA during the design process. The Design-Builder's price proposal shall include the cost of any design features proposed in order to meet the proposed level of LEED certification

26. Question: Will the district be supplying trash compactors? If so, how many and what are the electrical requirements?

Answer: No. The District will not supply trash compactors.

27. Question: Are Record site drawings/as-builts based on a signed/sealed survey after construction is 100% complete required to be provided?

Answer: Yes, signed as-built documents and sealed record drawings are required to be submitted.

28. Question: Should structural design include provisions for future installation of additional solar panels on the roof(contractd by the Owner after the building is turned over)?

Answer: Yes. The design shall support possible future installation of solar roof panels. See Performance Specifications Section PS1030.00 Paragraph I.D.2.a.

29. Question: Can fire alarm cabling be plenum rated, in lieu of being installed in EMT as long as it is in compliance with all applicable codes?

Answer: No.

30. Question: Will CAD drawings be provided for the Schematic Design to the Design/Build Team?

Answer: Yes, CAD files of Schematic Design Drawings will be made available to the successful Design-Build Team after receipt of the executed NJSDA Release of Electronic Documents letter.

31. Question: Design/Build agreement Paragraph 6.11.2 Security states "one (1) security guard to be present at the project site at all times when the Design/Builder is not on site". Please confirm full time off work hours security is required.
- Answer: Confirmed. A security guard must be present at the jobsite during all off-work hours.
32. Question: Please confirm that this facility will not be used as an emergency shelter.
- Answer: Confirmed. This facility will not be utilized as an emergency shelter.
33. Question: The Educational specifications note that the community will be using certain rooms of the facility after hours; please define the hours of use.
- Answer: The District has indicated that normal building operational hours will be from approximately 7:00 AM until 10:00 PM, per Performance Specifications Section PS1030.00, I.B.2.b.(1).
34. Question: Will meetings with the City Engineer be required?
- Answer: Yes. The Design Builder is required to meet with the City Engineers as needed in order to obtain all regulatory approvals for connections to City infrastructure.
35. Question: Will the D/B be required to address any additional site design modifications requested by City Engineer which will require changes to the contract scope.
- Answer: The Design Builder is required to comply with design requirements requested by the City Engineer for connection to city infrastructure, and per Specification Section PS1030.00 Project Criteria, paragraph I.A.3.c. The Design - Builder is required to comply with all standards of applicable municipal and county engineering requirements.
36. Question: Specifications require (1) outdoor grease trap; is it acceptable to use indoor grease traps accessible from Kitchen slab in lieu of a single outdoor trap.
- Answer: An outdoor grease interceptor is not specified. See PS D2010.20 Domestic Water Equipment, paragraph II.F for the specifications applicable to grease, oil and solids interceptors.
37. Question: Please specify exposed finish for all site concrete retaining walls.
- Answer: See the Materials and Systems Standard Manual, Design Requirements, section G2060.60 Retaining Walls, paragraph B.1. Retaining walls are required to have only a smooth finish, free of voids or defects.
38. Question: Please specify type of exterior gate adjacent to Room C-114B(storage)

Answer: The gate is to be a 6ft. wide double swing personnel gate with emergency egress hardware (8ft. welded wire fence), similar to that located in the job-Northeast corner of the site.

39. Question: Please specify "Garden Guard" product to be used on top of concrete curb planters indicated on Drawing S-101.

Answer: Basis of Design: Curb Allure tree guard. Standard 3 sided frame with straight pickets. Color black.

40. Question: The 40' foot wide bi-parting gate at the Service/Delivery area as specified cannot be automatically controlled; please confirm this is acceptable.

Answer: Confirmed. Automatic operation is not required.

41. Question: Entrance Vestibules C-101 & C-102 are to receive an integral epoxy base (RFE-1), per the floor finish plans, but the Educational Specifications note these areas are to receive a vinyl base (VB1). Please clarify

Answer: Rooms C-101 and C-102 Entrance Vestibules are to receive RFE-1 integral epoxy base. The Educational Specification is incorrect.

42. Question: Per the floor finish plans, Computer Lab A-302 is to receive a rubber base (RB-1), but the Educational Specifications show this room is to receive a vinyl base (VB-1). Please clarify

Answer: Room A-302 Computer Lab is to receive VB-1 vinyl base. Drawing A-103 3rd Floor Plan - Interior Finishes is incorrect.

43. Question: Office Workroom A-301A is to receive vinyl tile floor (VCT-1) with a rubber base (RB-1), per the floor finish plans, but the Educational Specifications note this room is to receive carpet tile (CPT-1) with a vinyl base (VB-1). Please clarify

Answer: Room A-301A Office / Workroom is to receive CPT-1 carpet tile and VB-1 vinyl base. Drawing A-103 3rd Floor Plan - Interior Finishes is incorrect.

44. Question: Stairways are to receive base Type SRF-3, per the floor finish plans which is not identified in the Base Finish Schedule C2000.00-2. The Educational Specifications show the Stairways are to receive a rubber base (RB-1). Please confirm that the base in these areas should be RB-1.

Answer: Confirmed. Stairways are to receive RB-1 as described in PS C2000.00 Interior Finishes, table C2000.00-2 Interior Base Finishes. Drawings AI-101 thru 103 1st thru 3rd Floor Plans - Interior Finishes are incorrect.

45. Question: Please confirm the floor finishes for the following areas, since they are not called out on the drawings or specifications: Corridor C-400, Elevator Ca b Floor, & Double Ramp Area abutting Stage C-112 to the north.

Answer: 1. Room C-400 Corridor shall receive the following finishes:
a. Floor: VCT-1 Field
b. Base: VB-1 Vinyl cove base
c. Walls: EP-1 Epoxy paint to match P-1
2. Elevator: See PS D1010.00 Vertical Conveying Systems, paragraph II.A.4.d. The cab floor is to match the adjacent corridor.
3. The ramp connecting rooms C-100 Corridor and C-112 Stage shall receive the following finishes:
a. Floor: VCT-1 Field
b. Base: VB-1 Vinyl cove base
c. Walls: EP-1 Epoxy paint to match P-1
d. See also the Materials and Systems Standard Manual, Design Requirements, section C20 Interior Finishes, paragraph C2030.51.1. A slip resistant surface is required when vinyl composition tile flooring is utilized to finish ramps.

46. Question: The Interior Floor Finish Tables C-2000.00-1&2 make note of an epoxy terrazzo floor system with integral base (TER-1 & TER-2). These finishes are not called out on the drawings. Please confirm there is no epoxy terrazzo flooring required on this project.

Answer: See the Procedural Specifications Section 01010 Summary of Work, paragraph 1.4.B.6. The installation of terrazzo flooring is subject to an allowance.

47. Question: Presumptive remedies engineering control plan exhibit B-1 shows areas of PCB contaminated soil on the north side of the property adjacent to Harrison Ave.; please confirm this is the only area of PCB soil contamination and the PCB concentration level is 10 PPM or less.

Answer: Please see Addendum #3, dated September 16, 2016, response to Bidder's Question #3. Relevant details are presented in the As-Built Conditions – Post-Early Site Package - Existing Conditions Letter Report, Attachment 3.5, in Addendum #3, dated September 16, 2016.

48. Question: For scheduling purposes please advise the anticipated award and notice-to-proceed dates.

Answer: The anticipated Notice of Award date is November 21, 2016; and the anticipated Commencement Date is December 15, 2016.

49. Question: Design-Build Agreement Article 9.2 notes a GMP Reserve amount of \$1,000,000.00 is to be carried but price proposal page 7 lists \$1,367,000.00 as the GMP Reserve; please advise which is correct.

Answer: Please see Addendum #3, dated September 16, 2016, Item B.1.a.

50. Question: Site Plan Drawing S-101 shows numerous concrete retaining walls that are directly adjacent to Lots 3, 11, 45.02, 48 and 52.01 without any layout or setback dimensions; please advise setback requirements and if any easements have been obtained or are required.

Answer: The design intent is that the retaining walls are to be located with the surface of the stem facing adjoining properties located within 2ft. of the boundary. Cantilever retaining walls shall be configured with a minimal heel and, if necessary, an extended toe and footing key. No permanent easements have been obtained or are anticipated to be required, however, see Addendum #1, dated September 1, 2016 for information concerning Temporary Construction Easements.

51. Question: Reference the form of Agreement between the NJSDA and the Design-Builder Section 3.19: Please confirm that the Design/Build team is only responsible to prepare a separate scope of work for E-Rate Eligible items, as required by the Federal Communications Commission and procure the work Post-Bid. Further, that the cost of the purchase and installation of the E-Rate Eligible Items are not part of the Base Bid Scope of Work. Design and filing of forms would remain in the Scope of Work.

Answer: Incorrect. The E-Rate scope of work is clearly defined in Section 3.19 of the Design-Build Agreement.

Incorrect. The cost of the purchase and installation of the E-Rate eligible items is required and is part of the Design-Builder's scope of work as defined in Section 3.19 of the Design-Build Agreement.

52. Question: We respectfully request that the RFI deadline be extended at least 1 week to give the Design Teams and the subcontractor additional time to review and submit questions.

Answer: The submission of Bidders Questions will not be extended.

53. Question: The drawings called for painted black railings and the B2080/IIA Specs call for external stainless steel. Please clarify.

Answer: Stainless steel hand and guardrails are required. The drawings do not note the color of guard or handrails. See the see the response to Bidder's Question #24, Addendum #2, dated September 9, 2016.

54. Question: The food service bridging documents indicate a fryer unit, is this allowed? My understanding is that fryers are not allowed to be used, please confirm.

Answer: See response to Bidder's Question #2 included in this Addendum.

55. Question: Should table item 16 be located on the opposite side of the hood, allowing a separation between the serving line and the cooking line?

Answer: See response to Bidder's Question #3 included in this Addendum.

56. Question: There is a garbage disposer indicated at prep table item 22, should a similar disposer be indicated at the 3-compartment sink?

Answer: See response to Bidder's Question #4 included in this Addendum.

57. Question: Specs B2080.00/IIB Main building Dimensional signs: 10" high as per Specs but elevation drawing 1/A201 indicate 2' high. Please clarify

Answer: See PS1030.00 Project Criteria, paragraph I.A.3. The Design - Builder is required to comply with the applicable accessibility codes.

58. Question: ASHRAE 90.1-2013 compliance questions; Please confirm that under 5.5.4.2.3 the Cafetorium would not be considered a "Play Area" requiring a minimum skylight fenestration area? The Cafetorium's functions would be Auditorium and Cafeteria and not indoor recess space. Table 5.5-5 Building Envelope Requirements for Climate Zone 5 requires a minimum of R value for continuous roof insulation to be R-30. With a requirement for a minimum thickness of 5"-6" inches of rigid insulation, will it be acceptable to slope roof steel in lieu of adding excessive amounts of additional insulation to achieve a tapered insulation on flat deck approach? Table 9.6.1 "...Minimum Control Requirements.." indicates that daylighting controls are required for classrooms. We have been unable to locate any requirements for classroom Daylight Controls in the proposal package, please clarify if daylighting controls should or shouldn't be included in the design-build proposal?

Answer: (1) The Cafetorium is not considered a "Play Area."
(2) Sloped steel is acceptable, subject to compliance with code and all Project requirements.
(3) Provide daylighting controls as required by code. See Performance Specifications Section D5040.30 Paragraph I.E.1.b.(1).

59. Question: Please advise the anticipated award date from the bid submission date.

Answer: See response to Bidder's Question #48 listed above.

60. Question: Please confirm that all the onsite testing & inspections will be performed and paid by the Owner.

Answer: Testing in support of the special inspections will be performed by a firm engaged by the CM for this Project; all other field testing is the responsibility of the Design-Builder.

61. Question: Please confirm that any Police service required for the project will be covered under Allowance.
- Answer: The Design Builder is responsible for Site Security and compliance with applicable local requirements for all permits and approvals, including compliance with, and payment for, all requirements necessary to secure any and all permits and approvals with the exception of fees payable to DCA for the UCC permit. To the extent any applicable permits or approvals relating to the Work require the presence or services of police personnel, the Design Builder is responsible for those costs as part of the Contract Price, and such costs will not be compensated through an allowance
62. Question: As e-rate items may change from year to year- it is requested that NJSDA provide a list of specific e-rate eligible items that are to be bid separately.
- Answer: The Design-Builder is required to identify "E-Rate Eligible Components" under the Design-Build Agreement, Section 3.19.2.
63. Question: Is the SDA/LSRP requiring any specific air monitoring (such as on-going perimeter air monitoring) during soil excavation activities? Please advise.
- Answer: See Addendum #3, dated September 16, 2016, response to Bidder's Question #18.
64. Question: Is the SDA/LSRP requiring any specific OSHA PPE requirement during the soil excavation activities? Please advise.
- Answer: See Addendum #2, dated September 9, 2016, response to Bidder's Question #20.
65. Question: The Louis Berger Remediation Responsibilities Plan requires that the Design Build perform waste characterization for the specific disposal facility approval and disposal of the PCB/historic fill impacted soil. However, any previously collected waste characterization PCB/historic fill impacted soil. However, any previously collected waste characterization analytical results were not provided. It is acknowledged that Site and Remedial Investigation (SI/RI) results have been provided in the Louis Berger July, 2016 SI/RI report. However, this data may not be sufficient to obtain accurate soil disposal costs. Can the SDA provide additional analytical results to ensure proper pricing for the disposal of the impacted soil? Please advise.
- Answer: See Addendum #3, dated September 16, 2016, response to Bidder's Question #3. Relevant details are presented in the As-Built Conditions – Post-Early Site Package - Existing Conditions Letter Report, Attachment 3.5, Addendum #3, dated September 16, 2016.
66. Question: Are alternate shade manufacturer bids acceptable? Please advise.

Answer: See the Request for Proposals for School Facility Design Build, paragraph 4.1.8. A Design - Builder must secure pre-bid approval from the Authority before relying upon a substitution in its proposal. Further, see the Design - Build Agreement, paragraph 5.5. as well as the Procedural Specifications Section 01600 Products and Substitutions, paragraph 2.1.C.2 for the requirements for post-bid substitutions.

67. Question: Under “Fixed Furnishings” in the specifications, line 5 under the Products – Window Treatments section indicates “hard-wired motorized operators with keyed operators for all shades installed in locations higher than 9’6” above the adjacent finish floor.” Please clarify if other shades below this height should be manually-operated with chains.

Answer: Shades installed in locations lower than 9’-6” above the adjacent floor are not required to be provided with motorized operators and may be manually operated with chains.

68. Question: Request clarification related to the project’s lighting requirements. Specification D5040.00 states “Comply with requirements for energy efficiency of lighting in ASHRAE 90.1 (latest edition).....”. However, nearly all of the specified lighting in D5040.30 “Interior Lighting” will not comply with the latest ASHRAE Standard 90.1 – 2013, which is currently in force in NJ. The power densities of the specified fluorescent lighting will not meet the 0.87 watts/sf for 50 foot-candles in classrooms. Other spaces in the school will face similar difficulties to comply with code. In order to meet code, interior LED fixtures will be required. LED fixtures are only indicated for stairwells and exit signs in the bridging documents. Will the current specified fluorescent fixtures be removed from the project in favor of building-wide LED fixtures?

Answer: The specified lighting under Section D5040.30 “Interior Lighting” does comply with ASHRAE 90.1 (latest edition).

The Lighting Power Densities (LPD) must be calculated using the ASHRAE 90.1 Section 9.6 “Alternative Compliance Path: Space-by-Space Method”, not using Section 9.5 “Building Area Method Compliance Path”. The Materials and System Standards requirements under Section 5040.50 (A)(4) requires the Design-Builder to comply with Section 9.6 “Space-by-Space Method”. The Building Area Method for lighting design with 0.87 watts/sf is not acceptable and is too restrictive for individual spaces having very different lighting level requirements.

The Classroom switching arrangement (described in the MS Standards, Section D5040.10 (C3)) utilizes only (2) of the (3) lamps for general lighting, NEVER all (3) simultaneously. As a result, a Lighting Power Density of 1.05 watts/sf is achieved satisfying the ASHRAE Energy Code requirement Table 9.6.1, which identifies 1.24 watts/sf using the “Space-by-Space Method” for classrooms. Similarly other spaces within the school will also meet the Lighting Power Density requirements using the Space-by-Space Method”.

Interior LED lighting is not required to achieve compliance with ASHRAE 90.1, therefore, the specified fluorescent fixtures will remain.

69. Question: Specification D5040.00 states "Comply with requirements for energy efficiency of lighting in ASHRAE 90.1 (latest edition) ". However, nearly all of the specified lighting in D5040.30 "Interior Lighting" will not comply with the latest ASHRAE Standard 90.1-2013, which is currently in force in New Jersey. The power densities of the specified fluorescent lighting will not meet the 0.87 watts/sf for 50 foot-candles in classrooms. Other spaces in the school will face similar difficulties to comply with code. In order to meet code, interior LED fixtures will be required. LED fixtures are only indicated for stairwells and exit signs in the bridging documents. Will the current specified fluorescent fixtures be removed from the project in favor of building-wide LED fixtures?

Answer: See response to Bidder's Question #69 listed above.

70. Question: The exterior storage shelter, specification section G2060 II B2, on page 6, list the Manufacturer as "Porter Corp, Holland, MI, Model No. DTS-2030, which does not appear to exist. Please review this item and advise.

Answer: See the manufacturer's website @ [<http://poligon.com/marketSchool.htm>]. Model DTS-2030 is intended to be a 20ft x 30ft, 2x center column canopy similar to DTS-20x40 illustrated in the thumbnail located in row 1, column 3.

71. Question: Section 02081 (Asbestos Abatement) states that "Personal air monitoring shall be the responsibility of the asbestos abatement contractor.". In addition, in Section 4.6 (Quality Assurance Inspections by the Environmental Technician) indicates that the Owner is responsible to provide the services of an Environmental Technician who is "responsible for pre-abatement inspection, post-abatement clearance sampling, and acceptance of the work" however, in Section 4.7 (Air Sampling) it states that "The Contractor shall retain the services of an Environmental Consultant Firm independent of the firm performing the asbestos abatement...for the project Air Monitoring as required by state and federal regulations". Since the Scope of Work with regard to air monitoring is not clearly defined in the "Remediation Responsibilities Plan", please clarify if the air monitoring required in Section 4.7 is in addition to the air monitoring required by the Environmental Technician in Section 4.6 and the personal air monitoring required of the abatement contractor.

Answer: The air monitoring described within Specifications Section 02081 (project area air monitoring per 4.7.A) is the responsibility of the Design Builders' asbestos abatement contractor. This is in addition to the air monitoring to be performed by the Owners Representative as described in Specification Section 02081, Section 4.7.B. The Owners Representative will also provide Quality Assurance services as described in Section 4.6. The work to be performed by the Owners Representative does not substitute for the quality control and assurance services required by the Design-Builder's Contractor to assure that the work is carried

out in accordance with the specifications and regulatory requirements.

72. Question: Specification call for an electric folding wall. The drawing indicates a side stack folding wall which has to be manually operated. Also, the ceiling heights are not noted. Please advise.

Answer: See PS C1010.50 Interior Operable Partitions, paragraph I.A.1.a. Electric operation is required. Drawing A-101 1st Floor Plan is incorrect. See Drawing SK-01 Operable Partition at Stage, Partial First Floor Plan dated 21 September 2016 and attached to this Addendum as Attachment 4.1. A center stacked panel configuration has been substituted for the side stacked configuration. The door communicating between room C-112 Stage and the ramp to C-100 Corridor has been relocated slightly to accommodate the corrected configuration

73. Question: There is an approximate 3 ft. wide narrow strip between the proposed walls & curb along both sides of the southeast play areas adjacent to the residential Lots 45.02 & 48. Please advise what the proposed ground surface should be within this 3 ft. wide strip.

Answer: The area between the retaining walls or curb and the property boundaries common with lots 45.02 and 48 as well as between the job-South elevation of the building and the fence along lots 48, 50, 51 and 52.01 shall be concrete pavement.

74. Question: At the north end of the 3 ft. wide strip along Lot 48 adjacent to the school building the Site Plan Dwg. S-1 01 notes a 3 ft. wide swing gate in the 8 ft. high ornamental fence. The gate is shown approximately 2ft. from the top of the 4.5 ft. high wall without fall protection. Please advise if this gate is appropriate at this location.

Answer: This gate is intended only for occasional maintenance in the area between the job-South elevation of the building and the fence along lots 48, 50, 51 and 52.01. Access is only via a ladder from the PE / Play Area.

75. Question: A visual geotextile contamination barrier is to be installed on the entire site. The Site Plan Dwg. S-101 notes the project lot area = 46,542 sf but the Boundary Survey Dwg. C-103 notes that the project lot area= 48,543 sf. Please confirm which is correct.

Answer: The total site area is 48,543 sf, as shown on the Boundary Survey Plan, C103.

76. Question: The 'Folding Changing Stations' located in the Pre-Kindergarten accessible restrooms do not appear to have sufficient clearance to allow use by those in wheelchairs. Please confirm if the restroom should be left as-designed or if enlargement, to add more clearance at the changing station, would be desired?

Answer: Accessible clearances surrounding the folding changing station are required. Increase the area of Rooms D-102A and D-103A Pre-Kindergarten Toilet from

38sf to 45sf. Decrease the width of the chase behind the toilet from 12in to 8in. Decrease the area of Rooms D-102 and D-103 Pre-Kindergarten Classroom from 910sf to 904sf. Increase the area of Room A-114A Toilet from 42sf to 45sf. Decrease the width of the chase behind the toilet from 12in to 8in. No change to the area of Room A-114 Nurse's Office is required.

77. Question: Please confirm all retaining walls are to be cast-in-place concrete.

Answer: Confirmed.

F. CHANGES TO PREVIOUS ADDENDA:

NOTE that modifications to the following items will be shown as follows: additions in **bold and underlined** text; deletions in *strikethrough and italics*.

1. The response to Addendum #3, Question #25 is modified as follows:

25. Question: Please advise the status of any pre-design reviews and approvals by City, County and State Agencies, including NJDOE.

Answer: With regards to New Jersey Department of Education, Office of School Facilities review, see the response to Bidder's Question #25, in Addendum #2, dated September 9, 2016. **With regard to regional permits see the Hudson - Essex - Passaic Soil Conservation approval dated 12 July 2016 included within the Design-Build Information Package, Volume 3. With regards to state permits see the NJ Department of Environmental Protection, Bureau of Non-point Pollution Control Authorization to Discharge, 5G2 - Construction Activity Storm-water dated 14 July 2016 also included in the DBIP, Volume 3. An application has been submitted to the NJ Department of Community Affairs for a permit to demolish the residential structures located on block 158, lots 45.03, 46 and 47 and will be advanced to approval by the NJ Schools Development Authority. It will be the responsibility of the successful bidder to complete the process and secure this permit.** No other municipal, county, regional, state or federal approvals, entitlements or permits have been applied for. See the Design - Build Agreement for the Design - Builder's responsibility to secure other government approvals or permits.

G. ATTACHMENTS:

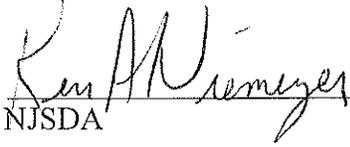
1. Attachment 4.1 Drawings SK-01 Operable Partition At Stage Partial First Floor Plan, dated 09/21/16.

H. SUPPLEMENTAL INFORMATION

1. Not applicable.

Any bidder attempting to contact government officials (elected or appointed), including NJSDA Board members, NJSDA Staff, and Selection Committee members in an effort to influence the selection process may be immediately disqualified.

End of Addendum No. 4


NJSDA _____ Date 9/23/16



Addendum #4

New Jersey Schools Development Authority
Office of Procurement
32 East Front Street
Trenton, NJ 08625
Phone: 609-858-2981
Fax: 609-656-2647

Date: September 23, 2016

PROJECT #: HU-0027-B01
Harrison New Elementary School
Harrison Public Schools

DESCRIPTION: Addendum #4

Addendum No. 4

Acknowledgement of Receipt of Addendum

Contractor hereby acknowledge the receipt of the Addendum by signing in the space provided below and returning via scanned copy (Aperry@njsda.gov) or fax (609-656-2647). Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.5 of the Price Proposal Submission.

Signature

Print Name

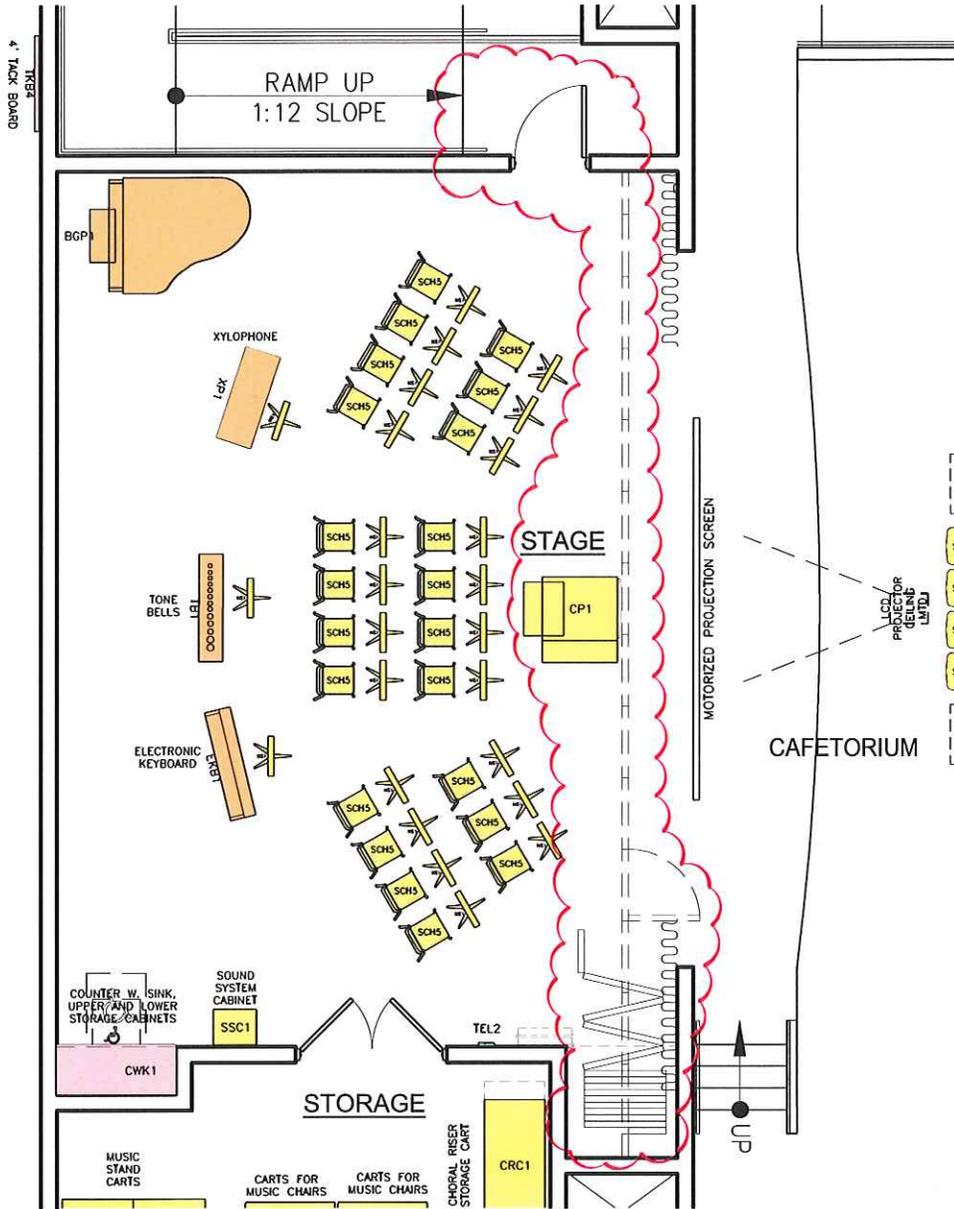
Company Name

Date

HU-0027-B01

Addendum 4

Attachment 4.1



OPERABLE PARTITION AT STAGE
PARTIAL FIRST FLOOR PLAN

SK-01 SCALE : 1/8" = 1'-0"

DATE 09/21/16	PROJECT # 2016-N03-15-OAEJ	PROJECT TITLE NEW HARRISON ELEMENTARY SCHOOL	 STATE OF NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY 32 EAST FRONT STREET, TRENTON, NEW JERSEY 08625
DRAWING # SK-01	DRAWING TITLE OPERABLE PARTITION AT STAGE PARTIAL FIRST FLOOR PLAN	HARRISON SCHOOL DISTRICT HARRISON, NEW JERSEY	