



Addendum No. 3

New Jersey Schools Development Authority
Office of Procurement
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DATE: August 30, 2017
PROJECT #: NT-0052-B01
DESCRIPTION: Dayton Avenue Educational Campus

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:

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

1. Modifications to the Procurement Process to Extend Date for Submission of Bidder Questions:

The date for submission of bidder questions, previously announced at the prebid meeting, shall be extended from August 2, 2017 to September 11, 2017.

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. Modifications to Division 1 General Requirements

a. **ADD:** In Section 01900 Commissioning, add Paragraph 3.1.e.2.d.i. as follows:

i. Sampling does not apply to HVAC equipment serving instructional spaces. Perform Functional Performance Testing on 100% of HVAC equipment serving instructional spaces.

C. CHANGES TO THE EDUCATIONAL SPECIFICATIONS:

1. Not applicable.

D. CHANGES TO THE PERFORMANCE SPECIFICATIONS:

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

1. **ADD:** In Section PS1030.00, Project Criteria, add Paragraph I.E.2. as follows:
 2. **Expansion joint covers: Provide expansion joint covers for all interior and exterior finishes, sized for the degree of anticipated movement and selected for durability and suitability for adjacent finishes.**
2. **ADD:** In Section D2010.20, Domestic Water Equipment, add Paragraph I.C.5. as follows:
 5. **Acid waste system: Provide acid waste systems including but not limited to acid resistant plastic piping and an acid neutralization tank.**
 - a. **All sinks and fume hood sinks in all Science Labs and associated Prep Rooms shall be equipped with an acid waste piping system.**
 - b. **Provide one 55-gallon acidic waste neutralization tank for each system in Custodial Closet or where otherwise indicated, with venting as required by code.**
 - c. **Provide code-compliant polyethylene waste piping from indicated sinks to neutralization tank.**
 - d. **Basis of Design for tank: Zurn Model No. Z9ANT- 55.**
3. **DELETE:** In Section D2010.60, Plumbing Fixtures, delete Paragraph I.C.1. in its entirety.
4. **ADD:** In D3000.00, Heating, Ventilation, and Air Conditioning, add Paragraph I.A.8.i.(7)(a) as follows and renumber subsequent items accordingly:
 - (a) **Each exhaust system shall be fully functional whenever the building zone that it serves is occupied.**
5. **MODIFY:** In Section D8010.50, Integrated Automation Control of HVAC Systems, modify Paragraph I.B.1.a. as follows:
 - a. The control system shall include the complete stand-alone distributed digital controllers (DiDC), **fully hard-wired and** networked together to provide automated control and monitoring functions of various mechanical and electrical equipment. The system can be monitored or

controlled through an operator's remote workstation via the network or from the supervisory station.

6. **MODIFY:** In Section D8010.50, Integrated Automation Control of HVAC Systems, modify Paragraph I.E.1. as follows:

1. ~~*Expected Service Life Span*~~ **System Longevity and Reliability**
 - a. Provide a system which will last a minimum of 10 years in service without major repairs or operating expense.
 - b. Provide hard-wired power and communication for system network and control components throughout.**
 - c. Devices that are battery-powered are not acceptable.**

7. **ADD:** In Section E1040.10, Educational and Scientific Equipment, add Paragraph I.A.2.j. as follows:

j. Dance Equipment

8. **ADD:** In Section E1040.10, Educational and Scientific Equipment, add the following to Paragraph II.:

J. Dance Equipment

1. Dance Floor

- a. Provide a flooring system that has been successfully tested under and meets all requirements of DIN Standard 18032 Part II.**
- b. Basis of Design for Dance Studio and Stage floors: Bio-Channel Classic by Robbins Sports Surfaces.**
- c. Provide complete system with 20mm northern hard maple surface, anchorages and all accessories in accordance with manufacturer's recommendations.**

2. Mirror

- a. Provide Mirror Quality laminated safety glass mirrors complying with ASTM C1172, Type II and 16 CFR 1201, Category II.**
- b. Provide mirrors 8'-0" high x length as indicated.**

3. Ballet Barre

- a. Basis of Design: Wall-mounted maple barre and fixed brackets by Dance Equipment International.**
- b. Provide lengths indicated at mounting height approved by Project School District.**

9. **MODIFY:** In Section E1070.10, Entertainment and Recreational Equipment, modify Paragraph I.A.2.a. as follows:

a. Stage ~~curtain~~ **equipment, including:**

(1) Curtains and rigging.

(2) Lighting and controls.

(3) Sound system.

10. **MODIFY:** In Section E1070.10, Entertainment and Recreational Equipment, modify Paragraph II.A. as follows:

A. Stage ~~Curtains~~ **Equipment**

1. Stage Curtain

11. **MODIFY:** In Section E1070.10, Entertainment and Recreational Equipment, add Paragraph II.A.2. through 5. as follows:

2. Other Curtains

a. Provide manually operated blackout curtains complying with the requirements of this section to cover all walls in the Dance Studio/Black Box Theater.

b. Basis of Design: Dazian Janus.

c. Terminate tracks to prevent curtains from covering exit doors.

3. Pipe Grid System

a. Provide a pipe grid system with maximum 4'-0" x 4'-0" bays to cover main ceiling surface of the Dance Studio/Black Box Theater.

b. Design and install the pipe grid to comply with the following:

(1) Live load capacity: 30 PSF.

(2) Pipe: 1-1/2" schedule 40 black iron.

(3) Internal sleeves for splices.

(4) Galvanized intersection plates, fasteners and supporting hangers.

c. Provide engineered design of pipe grid and attachment to building structure in compliance with all codes and industry standards.

4. Theatrical Lighting and Controls

a. Provide a complete, DMX-based LED theatrical lighting system in the Dance Studio/Black Box Theater, including, without limitation, the following:.

(1) Dimmer racks and modules.

- (2) Control console.
 - (3) Touchscreen entry station at each room entrance.
 - (4) Electrical distribution system, connector strips and plugging boxes.
 - (5) Theatrical lighting fixtures.
 - (6) Architectural lighting fixtures.
 - (7) Work lighting fixtures.
- b. Provide high-density dimmer rack systems with the following:**
- (1) Insulated gate bipolar transistor (IGBT) technology.
 - (2) DMX512 lighting protocol.
 - (3) Locking door.
 - (4) Fan and user-cleanable air filter.
 - (5) Basis of Design: Strand C21 dimming system.
- c. Provide solid-state, DMX-based control consoles with the following:**
- (1) Two DMX ports with 1,024 outputs.
 - (2) 96 sliders and 32 submasters.
 - (3) High-resolution touch-screen display, keyboard and mouse.
 - (4) Network support for multiple Ethernet data protocols.
 - (5) Hard disk cue storage and USB key library storage.
 - (6) Integrated control of theatrical, architectural and work lighting fixtures.
 - (7) Two gooseneck work lamps.
 - (8) Basis of Design: Strand Preset Palette II.
- d. Provide wall-mounted touchscreen entry stations at each room entrance with the following:**
- (1) Secure connectivity to main console.
 - (2) Configurable control of lighting systems.
 - (3) Occupancy sensors.
 - (4) Basis of Design: Strand Vision.net.
- e. Provide a complete electrical distribution system with connector strips and plugging boxes and the following:**
- (1) 20-amp grounded stage pin connectors, flush mounted or on 18" pigtails as appropriate for each device.
 - (2) Permanent, identification numbers for all receptacles and circuits.

- (3) Grounding lugs and separate neutral conductors for all devices.**
- (4) Motorized pipe batten suspension system.**
- (5) Basis of Design: Strand S21 system.**
- f. Provide LED theatrical lighting fixtures with the following:**
 - (1) Pipe clamps.**
 - (2) Safety cables.**
 - (3) 20-amp stage pin plugs.**
 - (4) RGBW engines supporting infinite color choice and color temperatures from 2300K to 9970K in white**
 - (5) A full range of optical systems, beam throws, pattern projection, barn doors, lens trays, etc.**
 - (6) Basis of Design: Strand PL Series Mark II LED fixtures.**
- g. Provide all components and accessories necessary for satisfactory functioning, including, without limitation, the following:**
 - (1) Motorized pipe battens.**
 - (2) Cables and plugs.**
 - (3) Pantograph cable management.**
 - (4) Spare parts kits.**
 - (5) Vibration dampening equipment.**
 - (6) Silent fans.**

5. Schedule of Theatrical Lighting and Controls

<u>Item</u>	<u>Quantities</u>	<u>Notes</u>
<u>Dimmer Rack</u>	<u>2</u>	<u>48 modules each.</u>
<u>Dimmer Modules</u>	<u>60</u>	<u>24 blank modules.</u>
<u>Control Module</u>	<u>3</u>	<u>1 spare.</u>
<u>Control Console</u>	<u>1</u>	
<u>Entry Station</u>	<u>2</u>	
<u>Plugging Boxes</u>	<u>36</u>	<u>Pipe-mounted, each with three flush-mounted receptacles.</u>
<u>General-Purpose Luminaire</u>	<u>24</u>	
<u>Fresnel Luminaire</u>	<u>12</u>	
<u>Variable Beam Luminaire</u>	<u>12</u>	
<u>Border Strips</u>	<u>4</u>	<u>20 lamps each.</u>

12. DELETE: In Section G2060.00, Site Development, delete Paragraph I.A.3.c. and renumber subsequent item accordingly. The Project does not include precast concrete planters.

13. DELETE: In Section G2080.00, Landscaping, delete Paragraph II.A. Irrigation System in its entirety and renumber subsequent item accordingly. The Project does not include an irrigation system.

E. CHANGES TO THE DESIGN MANUAL:

1. Not applicable.

F. CHANGES TO THE DRAWINGS:

1. REPLACE: In Volume 3, replace the following drawings with revised drawings dated 8/28/17:

C-103 Proposed Utility Plan

AS-100 Site Plan

A-101 First Floor Plan

AF-101 First Floor Interior Finish Plan

AF-102 Second Floor Interior Finish Plan

AF-103 Third Floor Interior Finish Plan

AF-104 Fourth Floor Interior Finish Plan
AF-401 Enlarged Floor Plans and Finish Notes
AF-402 Enlarged Floor Plans and Finish Notes

PDF files are Attachments 3.01 through 3.09 and DWF files are Attachments 3.10 through 3.18.

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

1. **Question:** In reviewing the bridging documents, we don't find any specific references to chemical (acid) waste piping or neutralization requirement for Science Classrooms. Please confirm whether or not all Science Classrooms and associated Prep Rooms will require acid resistant polypropylene piping draining to neutralization tanks.

Answer: See Item D.2, above.

2. **Question:** A preliminary review of the four chillers above Gym D-117 indicates that a concrete roof may be necessary to reduce the airborne sound from the chillers to meet the 40dB(A) design goal for this gym. Does the 40dB(A) design goal apply for the contribution of these chillers or just for the internal HVAC system.

Answer: Chiller noise shall be taken into account when designing to achieve acoustical design goals.

3. **Question:** Please clarify which types of coils are to be utilized in the roof mounted air handling equipment identified as System Type A, System Type B and System Type C by Specification Section D3000.00 Heating, Ventilation and Air-Conditioning as System, and clarify whether cooling coils are to be chilled water coils and heating coils are to be hot water coils.

Answer: Provide coils in accordance with Section D3000.00, Paragraph I.A.8.i.

4. **Question:** D2010.20 Domestic Water Equipment, Paragraph C.2.b states: All plumbing fixtures that might reasonably be expected to be used for drinking water and/or food preparation shall be provided with filtration for lead and particulates. At a minimum, such locations shall include the following:

- 1) Interior water coolers and water fountains;
- 2) Exterior water fountains;
- 3) Classroom sinks with bubblers;
- 4) Faculty dining room and workroom sinks;
- 5) Water service for kitchen and kitchenette sinks and for equipment used in food preparation.

Please clarify whether lead filtration will be required for the following fixtures which might or might not "reasonably be expected to be used for drinking water:"

- 1) Lavatories;
- 2) Hose bibs;
- 3) Dishwashers;
- 4) Science room sinks;

5) Art room sinks

Answer: The fixtures listed in the second part of the question do not require lead filtration.

5. **Question:** We respectfully request that consideration be given to extending the August 2, 2017 deadline for questions by a minimum of one (1) week in order to afford bidders additional opportunity to obtain further clarifications that may be needed for the project.

Answer: Refer to the response provided in Addendum #2; Item A, Changes To The Procurement Process.

6. **Question:** Can you please clarify what is meant by Category 4, 5 and 6 SBE firms?

Answer: Category 4 SBE firms are those construction businesses whose gross revenues do not exceed \$3 million. Category 5 SBE firms are those construction businesses whose gross revenues do not exceed the applicable annual revenue standards established at 13 C.F.R. 121.201, namely, ranging between \$3 million and \$16.75 million. Category 6 SBE firms are those construction businesses whose gross revenues do not exceed the applicable annual revenue standards established at 13 C.F.R. 121.201, ranging between \$16.75 million and \$33.50 million.

7. **Question:** How much credit will be given towards the various goals for material suppliers?

Answer: Material suppliers are not considered, unless the supplier also installs the materials/equipment on site. Only firms that perform labor or services on-site will be considered for satisfaction of the SBE goals.

8. **Question:** Can the demolition and site work operations be performed while the design process is underway?

Answer: See Section 01010, Summary of Work, Paragraph 1.3.E Site Availability.

9. **Question:** The Bridging Documents call for Deco D824 LED pole mounted fixtures. Would the NJSDA allow these lights to be substituted for Lithonia DSX Series 1 fixtures? DSX is comparable in price, outperform Deco, and can be modified to 3500K color temperature.

Answer: See the Request for Proposals for School Facility Design Build, section 4.1.8. A Design - Builder must secure pre-bid approval from the Authority before relying upon a proposed equal in its proposal. Submissions for proposed equals must be received and determined to be complete by the Authority no later than 15 business days before the price proposal submission date. The deadline for the submission of proposed equals is currently September 14, 2017, though submission by September 11, 2017 is preferred/requested.

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.

10. **Question:** The Design Drawings do not mention any areas intended to be irrigated. However, Bridging Document Section G2080.00 II specify an irrigation system. Please confirm desired areas to be irrigated (i.e. lawn area, landscape area, etc.)
- Answer:** An irrigation system is not required. See Item D.13, above.
11. **Question:** Based on the criteria in the bridging specifications, we assume that the elementary school/middle school (1st floor) and the ECC will be served from one generator. The Middle School (2nd, 3rd and 4th floors), plus 1st floor MS kitchen and Central Plant will be served by another generator. Please clarify.
- Answer:** Refer to the response provided in Addendum #2, Items D.10, D.12, and D.14.
12. **Question:** The fixture specification identifies all fluorescent fixtures. However, the specification also specifies that LED fixtures are to be listed by the "Design Lights Consortium". Please clarify.
- Answer:** The first sentence in the RFI is inaccurate. For certain fixtures, LED lighting is the Basis of Design. Where LED fixtures are specified, they shall be listed on the Qualified Products List of the DesignLights Consortium (DLC).
13. **Question:** Site Plan drawing AS-100 indicates several site personnel gates with requirements for Controlled Locking, CCTV, and Intercom. The drawing also indicates vehicular sliding gates with gate operators at site access locations from Dayton Ave., and vehicular swing gates at site access locations from Parker Ave. Please clarify if any of the vehicle gate locations require security system requirements similar to the personnel gate requirements.
- Answer:** See revised Drawing AS-100 Site Plan listed in Item F.1, above, and included as Attachment 3.02 to this Addendum.
14. **Question:** Performance Specification Section D6000.00 paragraph II.A.1 (page 9) indicates proprietary specifications for Intrusion Alarm System, Security Cameras, Access Control System, and Security System Software. Paragraph II.A.2 (page 9) and also paragraph I.C.4.f (page 5) require compatibility with the School District's current existing systems. Can further information be provided about the existing security systems? Do the Districts existing system manufacturers match the proprietary manufacturer list?
- Answer:** The District's current systems are consistent with the listed proprietary specifications.
15. **Question:** Performance Specification Section D6000.00 paragraph I.C.13 (page 8) requires an Emergency Responder Radio System, with bi-directional radio amplification "in frequency ranges approved by the local Authority Having Jurisdiction." Please clarify required frequency range(s) for local Police, Fire and EMS having jurisdiction.
- Answer:** The City of Passaic Emergency Responders currently utilize 3 digital channels @ 800MHz frequency. Note: This work is subject to an Allowance. See Section 01010 Summary of Work, Paragraph 1.4 Allowances.
16. **Question:** Educational Specifications for the Multi-Purpose/Assembly Room and Stage (page C-23) indicates "Basic stage lighting system (single batten in front of proscenium and 2 battens over stage) along with programmable dimming system" and

"Flexible lighting in both Multi-Purpose Room and Stage to support variety of activities including performance, presentation, and play." Please confirm that the Stage Lighting requirements listed in Performance Specification Section D5040.30 paragraph II.A.14 satisfy the "Flexible" intent or if there are any additional performance requirements for the State Lighting System.

Answer: Confirmed.

17. **Question:** Performance Specification D2010.60, Section I(C) 1 calls for hard-wired, hands free operation of all water closets, urinals and lavatories. Section 1 (F) calls for manual water closet and urinal flush valves and manual pushbutton faucets for single-user lavatories. Please clarify which type flush valves and lavatory faucets are required.

Answer: See Item D.3, above.

18. **Question:** We are seeking information regarding the possibility of the NJSDA extending the RFP response date for the Dayton Avenue project. An assessment from our project development team has yielded the following factors which are contributing to our need of an additional four weeks:

1. Extensive pre-bid development of structural and MEP documents to facilitate the advancement of accurate cost estimates.
2. Time required to engage in a robust trade subcontractor outreach program including the SBE, MBE, WBE Community.
3. The current bid due date being at the height of the holiday season, delaying some communication and response efforts.

Clearly, the benefit of a time extension for both the NJSDA and the DeMatteis team will be realized in a responsive bid including a best effort pricing proposal. In addition, the time will allow us to explore structural and envelope options that may also positively impact project delivery time and cost.

Answer: Refer to the response provided in Addendum #2; Item A, Changes To The Procurement Process.

19. **Question:** Please provide specifications for the theatrical lighting and lighting grid as described on C-24 for the New Magnet School space Dance Studio / Black Box Theatre.

Answer: See Items D.9 through D.11 above.

20. **Question:** In the Project Manual Volume 3 of 4, the Mott MacDonald 06-13-17 Remediation Responsibilities Plan Section 8.4.4 states that AOC-10 is an area 10' long by 6' wide by 2.5' deep impacted with PAHs and is located below the existing asphalt cap in the TCU area. The existing grade at AOC-10 is approximately elevation 33.5 per the Topographic Survey Dwg. V -102. This AOC-10 area is located within the proposed Building area and will be excavated to the proposed grades shown on Dwg. A-101. Please confirm if the excavated material from the AOC-10 area can be reused on-site in fill areas, or if this impacted material must be stockpiled and tested for off-site disposal.

Answer: The excavated materials from the AOC-10 area can be reused on-site in areas requiring fill, provided the excavated material meets the geotechnical requirements. The Design-Build Team shall document the volume, thickness and areas where the

excavated material originated and place in accordance with Section 3.5 of the Remediation Responsibilities Plan. It shall be the responsibility of the Design-Build Team to determine the geotechnical suitability of the soils, and provide documentation of such determination. If the Design-Build Team determines the soils are geotechnically unsuitable, and the NJSDA's Site Consultant agrees based on the provided documentation, the Design-Build Team shall stockpile the excavated material and provide for its necessary testing to obtain approval for offsite disposal in compliance with the Remediation Responsibilities Plan.

21. **Question:** Drawing C-102 Proposed Grading and Drainage Plan indicates the location of the refuse dumpsters to be southeast of the central kitchen tucked into the parking lot. What was the design intent for the removal of food and trash waste from the two satellite facilities? Will the refuse be transported through the school to the central kitchen and out to the dumpsters, or will it need to be transported outside the school to the dumpsters? There is no refuse holding space designated for either of these facilities. Depending upon the volume of refuse this journey may need to be made several times during the lunch period(s). Please clarify design intent.

Answer: See drawing AS-100 Site Plan for the site layout. In addition to the dumpsters located within the centralized service / delivery yard a second set of dumpsters are located in the job-Northwest corner of the site. Refuse from the K-8 and 2-8 warming kitchens will be carted to this secondary location. The District will arrange for trash collection at both locations.

22. **Question:** Drawing C-102 Proposed Site Utility Plan indicates a grease interceptor south of the central kitchen along the outside eastern face of the school. The two satellite facilities are pretty far removed from that grease interceptor. NJAC 7:9A requires "The grease trap shall be located close to the source of the wastewater, where the wastewater is still hot, to facilitate separation". What is the design intent for handling the grease waste from the two satellite facilities? If not determined should we anticipate the need for an additional grease interceptor strategically located between the two satellite facilities?

Answer: See revised Drawing C-103 Proposed Utility Plan listed in Item F.1, above, and included as Attachment 3.01 to this Addendum. Provide a second grease trap to serve the K-8 and 2-8 warming kitchens.

23. **Question:** Does the NJSDA consider the existing perimeter site fence to be acceptable for site security or should the bidders include new fencing?

Answer: Yes, NJSDA will allow the Design-Builder to utilize the existing fence, upon making any necessary repairs, for site security. Further, the Design-Builder is required by contract to maintain site security, including the integrity of the security fence and any modifications to the existing fence as may be necessary for support, or to facilitate construction (i.e. the installation of additional supports or secure entry gates, etc.).

24. **Question:** Please verify the purpose (i.e. fire truck access, service vehicles) of the 20-foot-wide vehicular access road between the proposed school and turf field? Please confirm if proposed bollards are required in locations where the access road is close to proposed structures (i.e. building, bleacher pads, etc.). Is the 40-foot radius acceptable to accommodate the required vehicle turning movements along the access road?

Answer: The dashed path between the school building and soccer field is intended for only emergency and occasional maintenance vehicles. Bollards in addition to those

illustrated in drawing AS-100 Site Plan are not required. The radius of the path has been found acceptable to both the City of Passaic emergency responders and the District.

25. **Question:** Please confirm that the project shall achieve the Substantial completion with 1615 Calendar days and shall achieve the final completion within 1715 Calendar days.

Answer: Refer to the response provided in Addendum #2, Item B.2.

26. **Question:** Please confirm that the total allowances provided and carried by this bid are \$3,855,000 and described as follow:

- General Design and Construction Allowance \$1,700,000
- Fire Pump Allowance \$200,000
- Emergency Responder System Allowance \$200,000
- Building Envelope Acoustical Enhancement Allowance \$500,000
- Unsuitable Material Allowance \$500,000
- Weasel Brook Channel Allowance \$250,000
- Field Lighting Allowance \$350,000
- Additional Lockers Allowance \$155,000

Answer: Confirmed.

27. **Question:** Please advise that all the testing and monitoring required for the pile operation will be covered by the NJSDA testing agency including but not limited to vibration monitoring, static load test, lateral and tension load test.

Answer: Vibration monitoring, pre- and post-construction surveys, and all pile load testing shall be performed by the D-B Contractor. The D-B Contractor shall be responsible for all pile driving operations including furnishing all equipment and material, labor, and required third-party oversight to conduct load testing and production pile driving operations. The NJSDA may elect to provide an independent third-party representative to document pile driving installation operations, for NJSDA's own records.

28. **Question:** Many of the room areas shown on the 1st Floor Plan do not appear to be correct when the rooms are actually measured. Which areas are to be used for bidding purposes?

Answer: See revised Drawing A-101 First Floor Plan referenced in Item F.1, above, and included as Attachment 3.03 to this Addendum.

29. **Question:** Many of the notes indicated by Site Plan Drawing AS-100 within the footprint of the building are partially illegible due to interferences with lines shown for room outlines within the building, and the extent of certain features such as perimeter fencing are obliterated by overlapping lines indicated for other features such as property lines and construction limit lines.

Answer: See Addendum #2, item F.1. and attachment 2.2.

30. **Question:** A preliminary review of the RTUs above the multi-purpose rooms indicates that a concrete roof will be necessary to reduce the airborne sound from the RTUs to meet the ASHRAE recommended design goal of 25 dBA for Performing Arts Spaces. Are these multi-purpose rooms spaces considered "Performing Arts Space" with respect to background noise or is a less stringent design goal permitted (e.g. 35 dBA)?

Answer: The ASHRAE criteria for performing arts spaces need not be applied to the Multi-Purpose Rooms. See the Performance Specification PS1030.00 Project Criteria, paragraph I.B.2.b(2). Comply with ANSI / ASA S12.60-2010 Acoustic Performance Criteria, Design Requirements, and Guidelines for Schools, Part 1: Permanent Schools, Table 1 for Ancillary Learning Spaces.

31. **Question:** Specification G0000.00 Section I.G.4 identifies that 80% TSS removal will be required, if impervious surface increase is greater than ¼ acre (as per typical NJDEP requirements). The Conceptual Stormwater Management Report, dated June 13, 2017, provides 50% TSS for the proposed impervious area. Please confirm 80% removal, for purposes of specifying and designing the water quality control structures.

Answer: We confirm the 80% removal is required for new impervious areas for the purpose of specifying and designing the water quality control structures. The NJDEP allows this target to be reached through an area weighted average, by treating new impervious, redeveloped impervious and existing impervious.

32. **Question:** Please confirm whether the school facility will be used as an emergency shelter and whether the community will be using portions of the facility after hours, and if so, at what times of the day.

Answer: Regarding use as an emergency shelter: The facility is not intended to be formally designated as an emergency shelter. Further, the City of Passaic Office of Emergency Management has reviewed the project and not requested enhancements beyond that already included.

Regarding use by the public: See the Educational Specifications, Early Childhood Center, Elementary / Middle School, Grades 2-8 Magnet School, Middle School, and Centralized Facilities section A Project and Program Description and Section C Detailed Room Requirements for those spaces to be made available to the public. See Performance Specification PS1030.00 Project Criteria, paragraph I.B.2.b(1). Normal building operational hours shall be from approximately 7:00am until 10:00pm.

33. **Question:** Specification D5040.40-Exterior Lighting shows no reference to sports field lighting. Please confirm whether sports field lighting is required for the project, and if so, furnish specifications for same.

Answer: Refer to the response provided in Addendum #2, Bidder's Question #44.

34. **Question:** Specification G2080.00, Section II.A.1 identifies that a drip irrigation system is required for the long narrow planting beds. Please confirm what beds the irrigation system should account for. Does it include the landscaping areas on the opposite side of Weasel Brook or the opposite side of the asphalt driveway internal to the site?

Answer: See Item D.13, above.

35. **Question:** Please clarify whether a reverse osmosis system is required to feed kitchen areas.

Answer: See Performance Specification D2010.20 Domestic Water Equipment, paragraph I.C.2.d. Lead and particulate filtration systems need only comply with NSF/ANSI standards 42 and 53. A reverse osmosis water treatment system is acceptable but not required to meet these standards.

36. **Question:** Specification Section D2010.60 C.1. indicates that hard-wired hands-free operation is required at all restroom water closets, urinals and lavatories, whereas Specification Section D2010.60 F.1 states that all faucets and flush valves are to be manual except multi-bay lavatories. Please clarify which is correct.

Answer: See Item D.3, above.

37. **Question:** Please confirm that the teacher's station at the science labs is the only feature within these rooms for which natural gas service is required.

Answer: Incorrect. Natural gas is required at the teacher center and each student sink station. See the Educational Specifications, Elementary / Middle School, Grades 2-8 Magnet School, and Middle School, section C Detailed Room Requirements, Grade 5-8 Science Labs.

38. **Question:** Specification Section B3010.50-Low Slope Roofing, paragraph II. Products, indicates that the Basis of Design is an EPDM roofing system, but also refers to the requirement to provide a hot applied SBS modified bitumen multi-ply membrane roofing system. Which is correct?

Answer: Refer to the response provided in Addendum #2, Bidder's Question #2.

Regarding fire walls between schools, see Performance Specification PS1030.00, paragraph I.C.1. Code compliance is the responsibility of the Design-Builder.

39. **Question:** Precast Concrete Planters are listed in specification section 02060.00. However, there is no specification provided nor are they shown on the plans. Please confirm whether or not they are required and, if they are, provide specifications and quantities.

Answer: See Item D.12, above.

40. **Question:** Note 4 on the AF-101 thru AF-104 states "Ceramic Tile Finish of Wet Walls to Run From Base to Ceiling." None of the rooms listed in the Interior Room Finish Schedule in the Specifications indicate Ceramic Tile for wall finishes nor do the Finish Floor Plans AF-101 thru AF-104. The only wall finishes indicated are Paint and Epoxy Paint. Please confirm that there is no "Ceramic Tile" required for this project.

Answer: Ceramic tile is not required. See the revised drawings AF-101 thru 104 First thru Fourth Floor Interior Finish Plans and AF-401 thru 402 Enlarged Floor Plans and Finish Notes listed in Item F.1, above, and included as Attachments 3.04 through 3.09 to this Addendum.

41. **Question:** In view of the many as yet unanswered RFIs that will have significant impact on our proposal submission – both technical and price - we request consideration be given to an extension of the existing proposal due date from 9/7/17 to 9/14/17.

We believe it is in the best interest of the NJSDA to allow sufficient time to prepare reasonable responses to the proposal once new information is received

Answer: Refer to the response provided in Addendum #2; Item A, Changes To The Procurement Process.

42. **Question:** Drawing A-101 indicates that the four (4) side court backboards are retractable and two (2) main court backboards appear to be fixed in Gymnasium D-117. (Section F-F) indicates that the two (2) main court backboards are retractable in

Gymnasium D-117. Ed-Spec drawings MS-E23 and MS-E24 (D-117 DOE Fit Out) indicate that all (6) basketball backboards are folding. Specification section E1070.00 subsection I.A.2.b(2) indicates that basketball backboards are fixed and retractable where indicated. Please clarify which of the (6) basketball backboards are fixed or retractable in Gymnasium D-117.

Answer: All interior basketball backboards are to be retractable. See the revised drawing A-101 First Floor Plan listed in Item F.1, above, and included as Attachment 3.03 to this Addendum.

43. **Question:** Drawing A-101 graphically indicates that all six (6) backboards are fixed in Gymnasium B-117 and C-117. Ed-Spec drawings K8-E26 and K8-E-27 (B-117 DOE Fit Out), and 28-E26 and 28-E27 (C-117 DOE Fit Out) indicate that all (6) basketball backboards are folding. Specification Section E1070.00 subsection I.A.2.b(2) indicates that basketball backboards are fixed and retractable where indicated. Please clarify which of the (6) basketball backboards are fixed or retractable in Gymnasium B-117 and C-117.

Answer: All interior basketball backboards are to be retractable. See the revised drawing A-101 First Floor Plan listed in Item F.1, above, and included as Attachment 3.03 to this Addendum.

44. **Question:** The bridging document lists the roof to be EDPM but then goes on to describe a Modified Bitumen. Please advise?

Answer: Refer to the response provided in Addendum #2, Bidder's Question #2.

45. **Question:** We are getting a lot of push backs from vendors, manufacturers and subcontractors on committing to participate in the bidding process for Dayton due to the bid due date being closely after labor day holiday, I would respectfully request that the authority consider postponing the bid submission due date until end of September to allow the vendors time to submit competitive prices.

Answer: Refer to the response provided in Addendum #2; Item A, Changes To The Procurement Process.

46. **Question:** Bridging Document floor plans appear to show no reference to Emergency Control Center (ECC) rooms and Backup ECC rooms. Please confirm whether these rooms are required and if so, provide the locations of these rooms.

Answer: See Drawings A-101 First Floor Plan (revised) included as Attachment 3.03 to this Addendum, and A-104 Fourth Floor Plan. Room E-102 is the primary Emergency Control Center; Room C-431 is the Back-up Emergency Control Center.

H. CHANGES TO PREVIOUS ADDENDA:

1. Not applicable.

I. ATTACHMENTS:

1. Attachment 3.01 C-103 Proposed Utility Plan (pdf)
2. Attachment 3.02 AS-100 Site Plan (pdf)
3. Attachment 3.03 A-101 First Floor Plan (pdf)
4. Attachment 3.04 AF-101 First Floor Interior Finish Plan (pdf)
5. Attachment 3.05 AF-102 Second Floor Interior Finish Plan (pdf)
6. Attachment 3.06 AF-103 Third Floor Interior Finish Plan (pdf)
7. Attachment 3.07 AF-104 Fourth Floor Interior Finish Plan (pdf)
8. Attachment 3.08 AF-401 Enlarged Floor Plans and Finish Notes (pdf)
9. Attachment 3.09 AF-402 Enlarged Floor Plans and Finish Notes (pdf)
10. Attachment 3.10 C-103 Proposed Utility Plan (dwf)
11. Attachment 3.11 AS-100 Site Plan (dwf)
12. Attachment 3.12 A-101 First Floor Plan (dwf)
13. Attachment 3.13 AF-101 First Floor Interior Finish Plan (dwf)
14. Attachment 3.14 AF-102 Second Floor Interior Finish Plan (dwf)
15. Attachment 3.15 AF-103 Third Floor Interior Finish Plan (dwf)
16. Attachment 3.16 AF-104 Fourth Floor Interior Finish Plan (dwf)
17. Attachment 3.17 AF-401 Enlarged Floor Plans and Finish Notes (dwf)
18. Attachment 3.18 AF-402 Enlarged Floor Plans and Finish Notes (dwf)

J. SUPPLEMENTAL INFORMATION:

1. Not applicable.

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

End of Addendum No. 3



NJSDA Managing Director,
Program Operations

8/30/17
Date

Addendum # 3

NJSDA
32 East Front Street
Trenton, NJ 08625
Phone: 609-858-2984
Fax: 609-656-4609

DATE: August 30, 2017

PROJECT #: NT-0052-B01

DESCRIPTION: Dayton Avenue Educational Campus

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 (609-656-4609), or via email to (MATaylor@njsda.gov). 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