
Addendum No. 2

NJSDA
32 E Front Street
Trenton, NJ 08625
Phone: 609-858-2981

Date: June 29, 2018

PROJECT #: PA-0011-B01

DESCRIPTION: PATERSON - NEW MIDDLE SCHOOL AT UNION AVENUE

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

A. CHANGES TO THE PROCUREMENT PROCESS:

NOTE: Additions are shown in **bold and underline** text; deletions are shown in *strikethrough and italics*.

1. Modifications to the Request for Proposals

- a. **MODIFY:** The prohibitory “NOTE” in Section 5.5.1 of the Request for Proposals (“Identification and Qualification of Design Builder’s Required Key Team Members”) shall be modified to permit the Design-Builder to identify Key Team Members previously named on another procurement, in certain circumstances after request and approval to withdraw from consideration in the prior procurement, as follows:

NOTE: Design-Builders are prohibited from identifying an individual as the Design-Builder’s **Superintendent** if that individual:

- 1) Has been identified as a **Superintendent** in response to any other active SDA procurement for which a Notice of Award has not yet been issued as of the date of submission of the Technical Proposal **UNLESS the Design-Builder naming that individual as Superintendent in another active NJSDA procurement has requested to be released from such other procurement, withdrawing from competition for award, after being ranked third, fourth or lower in such procurement, based on combined price and other factors scoring***; or

- 2) Is **currently** performing as a **Superintendent** on an existing SDA project that has been awarded to the Design-Builder, and
 - a. an official Project Schedule for such Project has not yet been accepted and approved by the NJSDA; or
 - b. the date for Final Completion for the awarded Project, included in the official Project Schedule (as accepted and approved by NJSDA) will not occur before construction commences on the Project that is the subject of this procurement and thus the named **Superintendent** cannot simultaneously perform their duties on the awarded Project as well as the Project that is the subject of this procurement.

*** In order to qualify for this exception, the Design-Builder must contact the NJSDA Procurement Department and affirmatively request withdrawal from consideration in the other NJSDA procurement in which it has been ranked third or lower. Once the Design-Builder has actively requested to withdraw from consideration, and the NJSDA has approved such withdrawal, the Design-Builder will be released from such other procurement and may, in response to this RFP, identify as Superintendent any persons previously named as such in a withdrawn Technical Proposal for another NJSDA procurement. The Design-Builder must receive NJSDA approval for the withdrawal and release from the prior procurement BEFORE the date the bids are due for this procurement, in order to name Key Team Members previously identified in the other procurement.**

- b. **MODIFY:** Modify the numbering of the following subparagraph as follows:

5.5.2 ~~3.5.2~~ Identification and Qualification of Design Consultant's Required Key Team Members

- c. **MODIFY:** The prohibitory "NOTE" in Section 5.5.2 of the Request for Proposals ("Identification and Qualification of Design Consultant's Required Key Team Members") shall be modified to permit the Design-Builder to identify Key Team Members previously named on another procurement, in certain circumstances after request and approval to withdraw from consideration in the prior procurement, as follows:

NOTE: Design-Builders are prohibited from identifying an individual as the Design Consultant's **Project Manager** or **Project Architect** if that individual:

- a. Has been identified as a **Project Manager** or **Project Architect** in a Proposal in response to any other active SDA procurement for which a Notice of Award has not yet been issued as of the date of submission of the Technical Proposal, **UNLESS the Design-Builder naming that individual as Design-Builder's Design Consultant's Project Manager or Project Architect in another active NJSDA procurement has requested to be released from such other**

procurement, withdrawing from competition for award, after being ranked third, fourth or lower in such procurement, based on combined price and other factors scoring*; or

- b. Is currently performing as a **Project Manager or Project Architect** on an existing SDA project that has not yet achieved completion of all Final Design Phase Services **including** receipt of all required SDA acceptances of the Final Design Documents, receipt of DOE Final Approval, and receipt of all required Department of Community Affairs (DCA) plan releases, and thus the named **Project Manager and/or Project Architect** cannot simultaneously perform their duties on the awarded Project as well as the Project that is the subject of this procurement.

*** In order to qualify for this exception, the Design-Builder must contact the NJSDA Procurement Department and affirmatively request withdrawal from consideration in the other NJSDA procurement in which it has been ranked third or lower. Once the Design-Builder has actively requested to withdraw from consideration, and the NJSDA has approved such withdrawal, the Design-Builder will be released from such other procurement and may, in response to this RFP, identify as Design-Builder's Design Consultant's Project Manager or Project Architect any persons previously named as such in a withdrawn Technical Proposal for another NJSDA procurement. The Design-Builder must receive NJSDA approval for the withdrawal and release from the prior procurement BEFORE the date the bids are due for this procurement, in order to name Key Team Members previously identified in the other procurement.**

B. CHANGES TO THE PROJECT MANUAL:

NOTE: Additions are shown in **bold and underline** text; deletions are shown in *strikethrough and italics*.

1. Modifications to the Design-Build Agreement

- a. (not used)
- b. **MODIFY:** Section 9.4 (“Escalation and Overtime”) of the Design-Build Agreement shall be modified to require the Design-Builder to include in its bid price the effect of international tariffs on steel, aluminum and other materials, as follows:

9.4 Escalation and Overtime.

- (a)** The Design-Builder’s lump sum Contract Price shall include all escalation costs for the complete execution and duration of this Contract. No subsequent claim of escalation charges will be permitted for work completed.

(b) The Design-Builder's lump sum Contract Price shall anticipate potential escalation in cost of materials and equipment, and shall specifically take into account any current or future cost impacts, including impacts on domestic markets and costs and availability of domestically-produced materials and equipment, arising from the market effects of existing, threatened and potential steel and aluminum tariffs or any other tariffs, imposts, taxes or similar charges on imports or exports of materials and equipment, whether imposed by the United States or by any foreign nation, government or authority, or any marketplace forces impacted by same. Notwithstanding the foregoing, the Design-Builder is still subject to the "Buy American" obligations specified in section 3.24 of this Agreement.

(c) All after-hours and weekend work necessary to meet the project schedule is to be included as part of the lump sum bid.

(d) The Design-Builder's bid shall also include the cost for all overtime, premium time, and shift costs as necessary to maintain the schedule through project completion.

c. **MODIFY:** In Appendix A, Special Conditions, modify Paragraph A.3. as follows:

A.3. Substantial and Final Completion Dates:

a. Substantial Completion shall be achieved within **914** ~~1,447~~ days from the Commencement Date.

b. Final Completion shall be achieved within **1,000** ~~1,534~~ days from the Commencement Date.

2. Modifications to the Performance Specifications

a. **MODIFY:** In Section D2010.60, Plumbing Fixtures, modify Paragraph I.D.2. as follows:

2. Wall mounted fixtures: **Where wall-mounted fixtures are specified, provide carriers concealed inside wall and securely bolted to floor, specifically designed for types of fixtures provided.** *Provide carriers concealed inside fixture and in wall or floor.*

b. **MODIFY:** In Section D2060.00, Special Systems, modify Paragraph II.B.3. as follows:

3. Provide **one unit in each Project Lab.** *two units in Construction Technology Lab, one unit in Engineering Robotics Lab and one unit in Maker Space.*

- c. **ADD:** In Section D3050.60, HVAC Design Parameters, add Paragraph I.A.8. as follows:
- 8. Rooftop equipment quantities and locations shown on the drawings are conceptual only. A final determination regarding the quantities, types, and locations of rooftop equipment shall be made by the Design-Builder based on the Performance Specifications and all Project requirements.**
- d. **MODIFY:** In Section E1070.00, Entertainment and Recreational Equipment, modify Paragraph I.A.2.a. as follows:
- a. Stage **curtain.** *equipment, including:*
- (1) Curtains and rigging.*
- (2) Pipe grid system.*
- (3) Lighting and controls.*
- (4) Sound systems.*
- e. **REPLACE:** In Section E1070.00, Entertainment and Recreational Equipment, replace Paragraph II.A. with the following:
- A. Stage Curtains**
- 1. Fabric**
- a. Fabric shall be inherently flame resistant or fully flame retardant by the immersion process in accordance with NFPA 701 and the International Building Code NJ Edition.**
- (1) Provide certification with a permanent label attached to the off-stage bottom hem with information pertaining to fabric type, curtain manufacture date, and dimensions.**
- (2) Include space on tag for periodic updates of flame retardant application.**
- b. Fabric shall be 100% cotton, 25-oz minimum, all of the same dye lot.**
- c. Basis of Design: Products by Frankel Associates, JB Martin, J.L. deBall, or Valley Forge Fabrics.**
- 2. Hardware: 14-gauge galvanized steel track complete with all necessary accessories for manual traverse silent operation, including an adjustable tensioning floor block.**
- f. **DELETE:** In Section E1070.00, Entertainment and Recreational Equipment, delete Paragraphs II.B. and C. and renumber subsequent items accordingly. Stage lighting is specified in Section D5040.30.

- g. **MODIFY:** In Section G1070.00, Site Earthwork, modify Paragraph III.F.1.(1) as follows:

(1) **Geotechnical Investigation Data Report, April 13, 2018.**
~~Preliminary Geotechnical Investigation Report, October 29, 2013~~

C. CHANGES TO THE DRAWINGS:

1. **REPLACE:** Replace Room Layout & Fit-Out List E-10, Teacher Workroom, Instructional Materials Storage, and VP Office, with revised Room Layout & Fit-Out List E-10, Teacher Workroom, Instructional Materials Storage, and VP Office, dated 06/14/18 and issued herewith as Attachment 2.01.
2. **REPLACE:** Replace Drawing C-201, Proposed Grading and Drainage Plan, with revised Drawing C-201, Proposed Grading and Drainage Plan, dated 6/28/18 and issued herewith as Attachment 2.02.
3. **REPLACE:** Replace Drawing C-202, Proposed Utility Plan, with revised Drawing C-202, Proposed Utility Plan, dated 6/28/18 and issued herewith as Attachment 2.03.
4. **REPLACE:** Replace Drawing C-203, Proposed Landscape Plan, with revised Drawing C-203, Proposed Landscape Plan, dated 6/28/18 and issued herewith as Attachment 2.04.
5. **REPLACE:** Replace Drawing A-801, Food Service Plan and Equipment Schedule, with revised Drawing A-801, Food Service Plan and Equipment Schedule dated 06/29/18 and issued herewith as Attachment 2.05.

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

1. Question: Will PVC be allowed for all above and below ground sanitary and storm piping applications?

Response: No. PVC is not permitted in above- or below-grade applications.
2. Question: Will the Authority please provide an allowance for the E-Rate work for the project?

Response: No. The E-Rate work defined in Paragraph 3.19 of the Agreement is the Design-Builder's responsibility.
3. Question: Per B2010.40 (Curtain Wall Assemblies), a Uniform Load Structural Test, Air Infiltration Test, Water Resistance Test and Condensation

Resistance Factor are all required. Are these all necessary or can previous test calculations by the manufacturer be utilized?

Response: Test calculations may be provided by the manufacturer to confirm compliance with Specification requirements. However, field testing may be required at the discretion of the SDA.

4. Question: Per Section G2060.00 (Site Development), Ameristar Montage II is the Basis of Design (BOD) for the Ornamental Picket Fence. Can you provide an “or equal” product.

Response: No. The Basis of Design (BOD) standard establishes the quality, and salient physical, functional and performance characteristics that must be met in the design and construction of the project. Refer to Section 01600, Products and Substitutions, regarding the process of submitting an “or equal” product.

5. Question: As per the current food service bridging documents, there is one hand sink indicated to cover the entire space kitchen and servery spaces. The Health Department will require additional hand sinks, placed between 10 to 12 feet from any given prep/ cooking/warewashing station. Approximately four additional hand sinks are recommended. Please advise/clarify.

Response: See revised Drawing A-801, issued herewith as Attachment 2.05.

6. Question: As per the current food service bridging documents, no provisions have been made for a 3-compartment sink location. The Health Department will require this station. Please advise/clarify.

Response: See revised Drawing A-801, issued herewith as Attachment 2.05.

7. Question: As per the current food service bridging documents, Item #32 Warewasher has no provisions for soiled or clean dish landing tables. Please advise that these tables should be incorporated.

Response: No landing table is necessary. Items 33 and 33A are shelves for drying.

8. Question: As per the current food service bridging documents, Item #19 Gas Oven Steamers will require exhaust hood system with fire protection. Please advise/clarify.

Response: Provide hoods and fire protection as required by code and Section E1030.80, Paragraph II.D.9. See also revised Drawing A-801, issued herewith as Attachment 2.05.

9. Question: As per the current food service bridging documents, the main cooking lines do not indicate the use of stainless steel wall panels as the finish behind the cooking equipment. Please advise/clarify.
- Response: Walls are CMU with epoxy paint finish. See Section C2000.00, Interior Finishes, Paragraph I.B.3.a. and the Room Finish Schedule in the Educational Specifications.
10. Question: As per the current food service bridging documents, Items #11A and #12A, floor troughs are noted in plan to be vertical orientation. It is recommended to rotate the troughs in horizontal orientation for better alignment with the equipment's pour path, recommended sizing for both troughs to be 24" x 36". Please advise/clarify.
- Response: Provide trough sizes as indicated. Install troughs in equipment pour paths in accordance with manufacturer's recommendations.
11. Question: An EO-215 does not appear to be included in the RFP package. If one was completed please provide. If it was not completed please confirm that an EO-215 is not required.
- Response: The E.O. 215 was prepared, submitted and approved by the DEP. A copy will be provided to the successful Design-Builder.
12. Question: Item I.A.3a, under Section A6020.20, Radon and Vapor Intrusion Mitigation, stipulates that a chemical vapor barrier is not required, however, the system shall include a seamed-sealed, 6 mil polyethylene vapor retarder membrane. Section 5.5 of the April 2018 LAN Associates Remediation Responsibilities plan stipulates that a 40 mil cold-sprayed chemical vapor barrier is required. These two sections are conflicting. Please advise on what type of Chemical Vapor Barrier is required.
- Response: A cold-sprayed chemical vapor barrier is required. See Addendum No. 1, Item B.2.b. and Attachment 1.02.
13. Question: Section 5.1 of the April 2018 LAN Associates Remediation Responsibilities plan indicates that the site is currently covered with 6" of quarried process stone and that the entire site contained historic fill from 5-12 feet below grade. Since the historic fill has not been identified in the top 5 feet, can the design builder re-use this material in other parts of the site as "clean" fill without any testing of the material?
- Response: No. It shall not be assumed that historic fill is absent in the top 5 feet below grade.
14. Question: The Geotechnical Investigation Data Report dated April 13, 2018, prepared by SESI Consulting Engineers indicates the presence of loose fills ranging in depth from 4 to 11-1/2 feet below grade. The miscellaneous fill is noted as containing varying amounts of sand, silt,

gravel, brick, cinders, ash, concrete, glass, ceramics, plastic, metal and wood chips. The Remediation Responsibilities Plan (RRP), dated April 2018, prepared by LAN Associates indicates that historic fill is present from depths of 5 to 12 feet below grade. The RRP also indicates that the fill material is non hazardous but subject to sampling and testing and that the site will be capped utilizing engineering controls. Section A1000 Foundations of the provided performance specifications indicates that the Design Builder must provide foundations that are consistent with the site's environmental and geotechnical constraints. Please confirm that given the extensive amount of loose historic fill within the property, the base bid foundation design for the project is intended to be shallow spread footings.

Response: Not confirmed. It is the responsibility of the Design-Builder to determine the type(s) of foundations used for the Project.

15. Question: The Preliminary Stormwater Management and Investigation Report dated April 17, 2018, prepared by LAN Associates indicates that due to the project resulting in a reduction in impervious area from the existing conditions, no structural stormwater management (stormwater detention) is required or proposed to provide mitigation of stormwater peak flows. The Utility Investigation Report dated April 16, 2018 prepared by LAN Associates indicates that the discharge of the frequent (2 and 10 year) design storm events should be made to the dedicated storm system in Union Avenue to the greatest extent possible. However the report also indicates that this storm sewer has limited capacity and discharge will be regulated by the County of Passaic. The report goes on to say that the stormwater discharged to the combined sewer located on Sherwood Avenue (Don Bosco Avenue) and Linwood Avenue will be regulated under the treatment works approval process. These sanitary lines are owned by the City of Paterson and the treatment plant is operated by the Passaic Valley Sewerage Commission. The Proposed Utility plan shows roof drain connections to the dedicated storm drains in Union Avenue and the combined sewer system in Linwood Avenue and Sherwood Avenue. Please confirm that stormwater detention is not required for direct connection of the roof drainage to the existing dedicated storm drainage or combined sewer systems owned by the City of Paterson, Passaic County, and the Passaic Valley Sewerage Authority.

Response: Stormwater detention is not required by state stormwater code because of the reduction in impervious area. Some stormwater flow will be allowed into the existing stormwater facilities at the corner of Linwood and Union. If the county ultimately does not accept the entire flow from the site to that system, it is assumed that connections will be allowed into the combined sewers in Sherwood Ave and Linwood Ave. because existing roof leaders connected into this system previously. Approvals will need to be obtained by the DB from all Authorities Having Jurisdiction. If conflicts arise between any of these Authorities, stormwater detention could be necessary to satisfy those Authorities.

16. Question: Will Icynene closed cell spray foam insulation be accepted as an alternative to fluid applied air barrier and 2” rigid insulation at exterior wall applications?
- Response: No. Provide exterior wall components as specified.
17. Question: In regards to Section 3.5.1 where it states: “The Design Builder is prohibited from identifying an individual as the Design-Builder’s Superintendent if that individual: has been identified as a Superintendent in response to any other active SDA procurement for which a Notice of Award has not yet been issued as of the date of submission of the Technical Proposal...” Does this rule apply to Design Builders that are not the apparent awardee on an SDA procurement that has not been awarded yet?
- Response: See the newly-adopted exception to the prohibition described in Section 3.5.1 of the RFP, identified in the Modifications to RFP, Items A.1.a and A.1.c, above.
18. Question: Specification Section E1070.00, Section II. A.1, refers to the requirement to “engage a professional theater design consultant...to design, specify and oversee the construction, installation and testing of all theater components in the Auditorium and VPA Learning Resource Center,” but the project does not appear to involve either an Auditorium or VPA Learning Resource Center. Please clarify whether the requirement for a theater design consultant applies to the project.
- Response: See Items B.2.d. and e. above.
19. Question: Specification Section E1070.00, Section II. C.8., Schedule of Theatrical Lighting and Controls reflects strike-through lines through the column heading reading “Quantities Auditorium” and several of the data entries below it. Please clarify whether this document is finalized for bidding purposes.
- Response: See Items B.2.d. and e. above.
20. 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... (6) Water service for kitchen and kitchenette sinks and equipment used in food preparation.” Please clarify whether the entire kitchen service is required to have lead filtration, including items not reasonably expected to be used for drinking water such as dishwasher sinks, or whether point of use filtration can be used ONLY on the fixtures “that might reasonably be expected to be used for drinking water and/or food preparation.”

Response: The entire Kitchen is not required to have lead filtration.

21. Question: It appears that the NJSDA Materials and Systems Standards Manual allows the use of PVC pipe in Section D2010.11 Products, A. Materials-Piping, paragraph g., which references “PVC Pipe: 1) Standard weight (SCH 40) PVC pipe shall comply with ASTM D-1784, D-1785.” Please confirm whether it will be acceptable to use PVC pipe for underground and above ground sanitary and storm piping systems at the project.

Response: PVC piping is not permitted in above- or below-grade applications.

22. Question: Specification Section D2010.60-Plumbing Fixtures, Section I. D.2, refers to the requirement for wall mounted fixtures and carriers whereas this same specification in Section II. Products, A. Water Closets, 1.b. refers to the requirement for floor-mounted fixtures. Please clarify which type of water closet fixture is required for the project.

Response: Provide floor-mounted water closets as specified. See also Item B.2.a. above.

23. Question: Appendix A-Special Conditions, page 164 of the Design-Build Agreement indicates the project Substantial Completion time as within 1,447 days and the Final Completion time as within 1,534 days, whereas Section 01010-Summary of Work, Article 1.6, indicates these completion times as 914 days and 1,000 days respectively. Which is correct?

Response: The durations listed in Appendix A are incorrect; the durations listed in Section 01010 are correct. See Item B.1.c. above.

24. Question: Please confirm whether trenching for new underground utilities at the project shall be subject to complying with NJDEP clean corridor requirements.

Response: Confirmed.

25. Question: Specification Section D2060.00-Special Systems refers to requirements for dust collection systems, air cleaner systems and retractable power cords in the “Project Labs” and states that the air cleaner systems are to be provided in the “Construction Technology Lab,” the “Engineering Robotics Lab” and the “Maker Space,” none of which appears to relate to the project. Please clarify whether Specification Section D2060.00-Special Systems applies to the project.

Response: See Item B.2.b. above.

26. Question: Drawings C-104 entitled “Post-ESP Anticipated Conditions Plan” and C-105 entitled “Post-ESP Anticipated Utility Plan” appear to be intended to show the existing conditions at the site that are to be used as the basis for bidding on the project. However, an inspection of the proposed site

indicates that site grading operations are still underway at the site which would seem to indicate that actual conditions at the site will vary from those depicted by the aforementioned drawings. Please clarify how the NJSDA intends to address any costs that may be encountered due to surface grade variations between the basis of bid information shown by Drawings C-104 and C-105 and the actual conditions at the site.

Response: The referenced drawings shall be used as the basis for bidding the project. In the event that there is any variance between actual conditions at the time of award and the conditions represented in the referenced documents, such variances shall be addressed in accordance with the terms and conditions of the Agreement including the provisions of Section 3.11.

27. Question: The food service equipment plans indicate a requirement for one (1) hand sink to cover the entire area for the kitchen and server spaces. The local Health Department will require additional hand sinks located between 10 to 12 feet from any given food preparation/cooking/warewashing station which would appear to involve a requirement for four (4) additional hand sinks. Please clarify.

Response: See revised Drawing A-801, issued herewith as Attachment 2.05.

28. Question: The food service equipment plans appear to show no provision for a 3-compartment sink location. The local Health Department will require this station. Please clarify.

Response: See revised Drawing A-801, issued herewith as Attachment 2.05.

29. Question: It appears that food service equipment Item # 32-Warewasher indicates no provisions for soiled or clean dish landing tables. Please clarify if this is correct.

Response: No landing table is necessary. Items 33 and 33A are shelves for drying.

30. Question: It appears that food service equipment Item # 19-Gas Oven Steamers shows no requirement for an exhaust hood with fire protection. Please clarify if this is correct.

Response: Provide hoods and fire protection as required by code and Section E1030.80, Paragraph II.D.9. See also revised Drawing A-801, issued herewith as Attachment 2.05.

31. Question: The food service equipment plans appear to show no requirement for stainless steel wall panels behind the cooking equipment. Please clarify if this is correct.

Response: Walls are CMU with epoxy paint finish. See Section C2000.00, Interior Finishes, Paragraph I.B.3.a. and the Room Finish Schedule in the Educational Specifications.

32. Question: It appears that food service equipment Items # 11A-Floor Trough and # 12A-Floor Trough should be rotated 90 degrees in orientation from that shown by for better alignment with the equipment's pour path, and that the recommended sizing for # 11A-Floor Trough should be 24" x 36" similar to # 12A-Floor Trough in lieu of 18" x 54" as shown. Please clarify.
- Response: Provide trough sizes as indicated. Install troughs in equipment pour paths in accordance with manufacturer's recommendations.
33. Question: Specification Section D3000.00-HVAC, Section I.A.8.d.(8) notes that each system Type 1 zone shall be divided into two equal systems and that two rooftop units shall be provided for each zone. Please confirm whether this should be corrected to indicate instead that system Type 2 shall be divided into two separate systems with one DOAS unit per system. The roof plans show a rooftop unit adjacent to the DOAS unit but the system type does not require an RTU. Please confirm the purpose of the rooftop unit.
- Response: Each System Type 1 Building Zone be served by one DOAS air handling unit. Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.
34. Question: Specification Section D3000.00-HVAC does not appear to identify the Servery and related spaces under a system Type. Is the Servery considered to be a related space to the Cafetorium? If so, does it require a separate system? The roof plan appears to identify it as a separate rooftop unit. Please clarify.
- Response: The Servery is not a "related space to the Cafetorium." The Servery is served by the Food Services Kitchen system described in Section D3000.00, Paragraph I.A.8.d.(18). Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.
35. Question: Roof plan appears to indicate a requirement for 2 RTU's for Music but only one is indicated to be required by Specification Section D3000.00-HVAC. Please confirm that only one unit is required for "Faculty Dining, Parent Community Room, Vocal Music Room, Instrumental Music Room, and related spaces."
- Response: The spaces listed in Section D3000.00 Paragraph I.A.8.d.(4)(a)(iv) are served by a single Type II system. Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.

36. Question: No rooftop unit is indicated in the area of building storage. Please confirm whether a separate unit is required for “Building storage and related spaces.”

Response: Confirmed. Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.

37. Question: Specification PS1030.00 indicates that walls within 50 feet of playgrounds, walkways, streets or roadways (excluding emergency access drives) are to have a minimum composite STC rating of 45, and walls with windows within 30 feet of playgrounds are to have a minimum composite STC rating of 50. This same specification also states that windows in an exterior wall enclosing core learning space shall have an STC rating of 35. Acoustical consultants have determined on past NJSDA Design-Build projects that a window with an STC rating of 35 will not meet the composite wall STC ratings of 45 and 50, and that in order to meet these composite wall ratings, the STC rating of the window would have to be 45 or 50. Furthermore, Specification Section B2020.00- Exterior Windows, Section II A., identifies EFCO 450X as one of the Basis of Design products which is a window that has a maximum tested STC rating of 44. This window is very expensive and is considered to be a special custom assembly compared to the EFCO 450X with an STC rating of 35. Please clarify whether the standard EFCO 450X window with STC rating of 35 shall be acceptable for use at exterior walls enclosing core learning space, or whether these areas shall require use of the custom EFCO 450X window with STC rating of 44 instead.

Response: The STC ratings identified in Section PS 1030.00 I.B.2.g.(2) are the minimum STC requirements for exterior wall components, including windows. In accordance with PS 1030.00 I.B.2.g.(2)(d), where necessary, increase the STC class of individual components in order to achieve the composite STC rating required by this Section. It is the responsibility of the Design-Builder to design a combination of building envelope components which satisfies the minimum STC and OITC requirements of PS 1030.00 I.B.2.g.

The identification of the EFCO 450X window series (as well as those identified for Kawneer and Wausau) as a Basis of Design is intended to establish the minimum quality and salient physical, functional and performance characteristics that must be met in the design and construction of the Project and are not intended to in any way limit the Design-Builder to the use of those particular products. Where related Project requirements such as acoustical performance require other performance characteristics, the Design-Builder shall provide a product which meets both the minimum characteristics established by the Basis of Design and the other performance requirements. Note that Section B2020.00, Exterior Windows, Paragraph I.B.3 makes specific reference to acoustical performance requirements in Section B1030.00.

38. Question: All of the Section E Room Layout Series E drawings do not appear to be drawn accurately to scale since the scale of the drawings does not match the scales indicated below the drawing subtitles. Please clarify.
- Response: Room Layout and Fit-Out List E-10 was issued with an inaccurate scale. A corrected version is included herewith as Attachment 2.01. The noted scales on other drawings are correct.
39. Question: Please furnish details and specifications for the doors and/or louver features that appear to be indicated at the Utility Enclosure by Elevation Detail D6 on Drawing A-202.
- Response: The referenced items are a pair of swinging welded-wire gates. See Section G2060.00, Site Development, Paragraphs II.A.1.b. and II.A.1.d.
40. Question: Building Elevations Drawing A-201 shows references to finish Type EC-1 but no identification of this finish Type is indicated by the finish legend on this drawing.
- Response: Omit all references to Type EC-1 on Drawing A-201.
41. Question: Appendix D, Drawing SP-26 and Appendix E, Drawing SP-27 of the Remediation Responsibilities Plan dated April 2018 included with the Bridging Documents references "Landscape Area" at the easterly most area of the site. Civil Drawing (C-Drawings) included with the Bridging Documents notes that same area is not to be disturbed and no work is to be performed in this area. Please confirm that no work is to be performed in the area described above.
- Response: Confirmed. No work is to be done in this area.
42. Question: Appendix E, SP-27 of the Remediation Responsibilities Plan dated April 2018 included with the Bridging Documents references a storm water basin in "Detail 5- Underground Utility Corridors." The Civil Drawings included with the Bridging Documents show no requirement for a storm water detention basin. Please confirm that a storm water basin shall not be required for the project.
- Response: See the response to RFI No. 15 above.
43. Question: Specification Section D3000.00.I.A.8.d.(8) notes that each system Type 1 zone shall be divided into two equal systems and that two rooftop units shall be provided for each zone. Please confirm whether this should be corrected to indicate instead that system Type 2 shall be divided into two separate systems with one DOAS unit per system. The roof plans show a rooftop unit adjacent to the DOAS unit but the system type does not require an RTU. Please confirm the purpose of the rooftop unit.

Response: Each System Type 1 Building Zone be served by one DOAS air handling unit. Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.

44. Question: Server and related spaces are not specified and/or identified under a system type. Is it to be considered as a related space to the Cafetorium? If so, does it require a separate system? The roof plan does seem to identify it as a separate rooftop unit.

Response: The Server is not a “related space to the Cafetorium.” The Server is served by the Food Services Kitchen system described in Section D3000.00, Paragraph I.A.8.d.(18). Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.

45. Question: Roof plan seems to indicate a requirement for 2 RTU's for Music but only one is required by the specs. Please confirm that only one unit is required for “Faculty Dining, Parent Community Room, Vocal Music Room, Instrumental Music Room, and related spaces.”

Response: The spaces listed in Section D3000.00 Paragraph I.A.8.d.(4)(a)(iv) are served by a single Type II system. Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.

46. Question: No rooftop unit is indicated in the area of building storage. Please confirm whether a separate unit is required for “Building storage and related spaces.”

Response: Confirmed. Rooftop equipment quantities and locations shown on the drawings are conceptual only. See Item B.2.c. above.

47. Question: Specification Section 1010 – Summary of Work – Item #7 indicates that the NJSDA will be obtaining the NJDEP Flood Hazard Area Individual Permit. What is the timing on receipt of the Individual Permit (IP) for the project? If recently obtained, can the SDA provide?

Response: The permit application is in progress; the permit will be provided to the successful Design-Builder before issuance of the Design NTP.

48. Question: The Flood Hazard Area Verification Approval included within the RFP documents has an issuance date of 10/30/2013. Will the SDA be securing an updated verification as part of the IP or requesting an extension on the prior verification received?

Response: The FHA update is in progress; the verification update will be provided to the successful Design-Builder before issuance of the Design NTP.

49. Question: Will the SDA be providing an updated NJDEP Wetland LOI Presence/Absence Determination, since the original was issued in October 30, 2013, and/or submitting for an extension to the State? The current LOI expires on October 30, 2018.
- Response: The Authority has received the extension until October 2023 and it will be provided to the successful Design-Builder.
50. (not used)
51. Question: Please confirm that a drip irrigation system is not required for the proposed street trees along either Don Bosco Avenue or Union Avenue.
- Response: Confirmed.
52. Question: Please confirm whether the Design Builder will be responsible for procurement of the NJDEP Bureau of Water System Engineer (BWSE) permit and the Treatment Works Approval (TWA) for the water and sewer connections, respectively, including the water main extension proposed along Linwood Avenue.
- Response: Confirmed.
53. Question: Based upon Drawing C-202, there are conflicting combined sewer manholes in Don Bosco Avenue with regard to the direction of flow. Several manholes indicate flow from a NW to SE direction; however, a MH in the middle of the site frontage shows the direction of travel in the opposite direction. Please confirm direction of combined sewer flow for the property.
- Response: The sewer in Sherwood Ave runs on the southeasterly direction (away from Union Ave.).
54. Question: Based upon Drawing C-202, there are two (2) Y connections for storm and sanitary to the existing 18” combined sewer in Linwood Avenue. Midway along the frontage (by the proposed crosswalk), there is an existing manhole that identifies two (2) inverts for a 6” pipe connection from the N and NE (school site), but no lines are shown. Is this notation in error, or are there additional lines?
- Response: The notes on the manhole make reference to old connections from the former buildings that have removed. Disregard the notes. See revised Drawing C-202, attached herewith as Attachment 2.03.
55. Question: Based upon Drawing C-105, a callout identifies that “no work activities in the designated area of high sensitivity to archaeological resources”. However, the remainder of the bridging documents (specifically Drawing C-202) depicts a proposed 8’ chain link fence and gate. Please confirm if these improvements are to be installed.

Response: Confirmed. The fence and gates shown are to be installed by the Design-Builder.

56. Question: Based upon Drawing C-203, there is an existing tree shown to be removed that lies on the overall subject tract boundary (SE corner). Being that the removal of the tree involves disturbance to an adjacent property, please confirm whether the removal of this tree shall be required.

Response: Delete the note calling for removal of the tree. See revised Drawing C-203, attached herewith as Attachment 2.04.

57. Question: Spec Section G1070 – Site Earthwork, references a 2013 Geotechnical Report. The provided report in the RFP is dated in 2018. Please provide the referenced 2013 report.

Response: All available boring logs from 2003 and 2013 are provided in the 2018 report. See also Item B.2.g. above.

58. Question: Section 4.2 (Materials Management Plan) of the Remediation Responsibilities Plan clearly states that no recycled concrete aggregate (RCA) can be imported to the Site and we fully understand that all imported fill must meet engineering specifications and be reviewed and approved by the NJSDA's LSRP but, if it is determined that there is a cost benefit to doing so, is the use of imported Alternative Fill material for use as subgrade fill under the various Engineering Controls an option?

Response: Alternative Fill may be acceptable as subgrade fill below the Engineering Controls subject to the limitations in the Remediation Responsibilities Plan and approval by the Authority's LSRP. RCA is not acceptable.

59. Question: Appendix A of the Remediation Responsibilities Plan indicates that Historic Fill occurs at depths of 5 to 12 feet below grade but other documents, including Section 3.1.13 of the Remedial Investigation Report/Remedial Action Work plan (RIR/RAWP), indicate it occurs from ground surface to approximately 12 ft. bgs. Review of boring logs suggests that it occurs from grade to approximately 12 feet below grade but confirmation is requested based on the 5 to 12 ft reference.

Response: No such confirmation is provided. It shall not be assumed that historic fill is absent in the top 5 feet below grade.

60. Question: Review of the documents, including discussion of the extent of Historic Fill and review of boring logs, indicates that Historic Fill extends into the open area southeast of the former school buildings that is fenced and identified in the Plans as an area "not to be disturbed". Please confirm

whether or not the DB contractor is responsible for installation of any Engineering Controls for this area.

Response: The “Not to Be Disturbed” area is outside the “School Construction Site.” Therefore, an Engineering Control on the “Not to Be Disturbed” area is not required.

61. Question: Section 9.5 (Required Permits) of the RIR/RAWP indicates that various permits are required to implement the proposed remedial actions, including a UCC Permit from the City of Paterson for the removal of the unregulated 15,000 gallon abandoned-in-place heating oil UST but it does not state if this is the responsibility of the DB's environmental consultant. Please confirm.

Response: The 15,000-gal. UST has been removed.

62. Question: Section 9.5 (Required Permits) of the RIR/RAWP also states that a NJDEP Remedial Action Permit for a Classification Area Exception/Well Restriction Area (CEA/WRA) for Groundwater may be required as well as a Soil Remedial Action permit for the Engineering Controls but it does not indicate whether or not the permit applications are to be prepared by the DB's environmental consultant. We note that Section 3.4 (District's LSRP) indicates that the District's LSRP will "obtain a groundwater CEA, if required, and soil and groundwater Remedial Action Permits, as necessary" but please confirm that the DB's environmental consultant's work scope is only to provide any and all information and documentation needed for the District's LSRP to do so, and shall not be responsible for the preparation or submission of the Permit applications.

Response: Confirmed.

63. Question: Section 3.1.17 of the RI Report (AOC 13: Hydraulic Lifts) indicates that removal of the hydraulic lift systems is part of the RI conclusions and recommendations and reference is made to the RAWP but review of that document makes no mention of AOC 13, Hydraulic Lifts in the Remedial Action work scope. Please clarify whether or not removal of the hydraulic lift systems is included in the DB's work scope.

Response: The hydraulic lifts have been removed.

64. Question: Please confirm that all utility connection fees shall be the responsibility of others and that all costs associated with these fees shall be excluded from the Bid Proposal.

Response: Not confirmed. Refer to Design-Build Agreement, Section 3.6 (“Government Approvals and Permits”) regarding the Design Builder's obligations with regard to permit fees and connection fees. By way of clarification, the Design-Builder is responsible for all fees, permits,

approvals and requirements for the project, except that NJSDA will pay all fees payable to DCA for permits and inspections.

Furthermore, school projects constructed by NJSDA are statutorily exempt from all connection, tapping, maintenance or capital improvement fees or charges with respect to connection of a school facility to a state or municipal water or sewerage system, pursuant to N.J.S.A. 52:18A-242 (c), which states: “Notwithstanding the provisions of any law, rule or regulation to the contrary and except as otherwise provided by any federal law, the development authority shall be exempt from all connection, tapping, maintenance or capital improvement fees or charges in respect to each connection of any school project with a water or sewerage system operated by a political subdivision or agency of the State.”

Accordingly, the Project shall be exempt from such water and sewer connection fees, if imposed by a state or municipal water or sewerage entity. If any difficulties are encountered in the application of the statutory exemption, the Authority will assist the Design Builder in asserting the exemption against any state or municipal water or sewerage system that attempts to charge such fees. The Design-Builder is responsible for all other costs for any utility connections that are not subject to the above exemption, including connection fees if assessed by a private or non-public water or sewer entity.

65. Question: Please confirm that the project does not involve a requirement for precast window sills
- Response: Confirmed.
66. Question: Please confirm whether it will be acceptable to provide an exterior masonry veneer with 4-inch CMU masonry in lieu of the 8-inch and 6-inch CMU masonry indicated by Specification Section B2010.00-Exterior Walls in the interest of providing more uniformity and improving the water tightness to the exterior masonry veneer.
- Response: The masonry veneer thickness shall vary (4", 6" and 8") to provide offsets in elevations as indicated in plan and section drawings. The rear (cavity side) surface of the veneer shall remain constant.
67. Question: The Geotechnical Investigation Data Report dated April 13, 2018 prepared by SESI Consulting Engineers includes a Table 1-Summary of Soil Design Parameters which refers to an allowable soil bearing capacity of 4,000 psf and other soil parameters. Please clarify whether this information applies to the existing soil conditions at the project, and whether the existing fill materials at the site as described by this report shall be suitable for floor slab support and/or reuse as structural backfill at the site.
- Response: The recommended soil bearing of 4,000 psf applies to natural undisturbed soil and to compacted structural fill only—not to existing fill materials.

The existing fill is *not* suitable for floor slab support and/or reuse as structural backfill at the site.

68. Question: Please confirm whether controlled modulus columns (CMC's) are an acceptable ground improvement technique that can be performed at the project for supporting the proposed building on ground supported foundations and floor slabs.

Response: Controlled modulus columns are *not* an acceptable foundation type for this project.

69. Question: Please confirm whether underground hangers shall be required for all underground utilities installed below the building floor slab.

Response: Not confirmed. Utility installation techniques are at the option of the Design-Builder and must comply with applicable codes.

70. Question: The Geotechnical Investigation Data Report dated April 13, 2018 prepared by SESI Consulting Engineers includes soil borings completed by LAN Associates in April 2103. If available, please provide the Geotechnical Report for these borings as prepared by LAN Associates.

Response: See the response to RFI No. 57 above.

71. Question: If motorized elements within packaged and/or skid mounted equipment include internal vibration isolation from the factory, please confirm that a second level of field installed vibration isolation shall not be required (i.e. providing a second set of field installed vibration isolated roof curbs, springs, spring hangers, etc. for equipment that comes with internal isolation) since this is generally not advisable from an engineering standpoint.

Response: Factory-installed spring-type vibration isolation is acceptable for interior equipment only. Spring-type vibration isolation curbs are required for all motorized rooftop equipment. Alternative techniques based on specific recommendations from the Design-Builder's acoustical consultant may be considered by the Authority during submittal review.

72. Question: Please provide clarification on the following items regarding vibration isolation: a. There are numerous locations where there is a general reference that states a requirement for vibration isolation for "all motorized equipment". Typically, vibration isolation is not provided on EVERY piece of motorized equipment. These requirements are vague in nature open to interpretation. Additionally, they do not represent the industry standard "best practices". Please identify an acceptable industry accepted standard (such as Chapter 48 of the 2015 ASHRAE Handbook – HVAC Applications) and/or provide more specific detail regarding the intended vibration isolation scope of work for the following items: i. Section B3020.10 – Roof Appurtenances, Section II Products, paragraph

A.2 (page 3 of 5) reads: “Provide solid-bottom, plenum-type internally reinforced roof-curb units with integral spring-type vibration isolators and capable of supporting superimposed live and dead loads, including equipment loads and other construction as indicated” - Please clarify the scope for vibration isolation for various types of HVAC equipment. Which roof curbs are required to be spring-type vibration isolator curbs?

1. Packaged Rooftop Units
2. Make Up Air Units
3. Energy Recovery Units
4. Centrifugal Exhaust Fans
5. Condensing Units

Response: Spring-type vibration isolation curbs are required for all motorized rooftop equipment. Alternative techniques based on specific recommendations from the Design-Builder’s acoustical consultant may be considered by the Authority during submittal review.

73. Question: ii. Section B3020.10 – Roof Appurtenances, Section II Products, paragraph A.4 (page 3 of 5) reads: “Provide integral spring-type vibration isolators for all motor-driven equipment mounted on curbs”. 1. What equipment roof curb(s) does this apply to? 2. Are only spring type isolators allowed, regardless of the application?

Response: See the response to RFI Nos. 71 and 72 above.

74. Question: iii. Section D3000.00 Heating, Ventilating, and Air Conditioning (HVAC) Section II Products, Paragraph C.5.c.(3) (page 12 of 23) under Acoustical Performance / Equipment reads: “Provide vibration isolation for all motorized equipment”. 1. What equipment does this apply to?

Response: See the response to RFI Nos. 71 and 72 above.

75. Question: iv. Section D3000.00 Heating, Ventilating, and Air Conditioning (HVAC) Section I Performance, Paragraph E.3.a.(3) (page 13 of 23) under Housekeeping Pads reads: “Provide spring vibration isolation for motorized equipment”. 1. Often neoprene pads are appropriate vibration isolation for equipment mounted on housekeeping pads equipment mounted on housekeeping pads. Does EVERY piece of equipment installed on a housekeeping pad require SPRING isolators?

Response: See the response to RFI Nos. 71 and 72 above.

76. Question: v. Section D3050.10 Facility Hydronic Distribution Section III Methods of Construction, Paragraph A.4 (page 4 of 6) reads: “Provide vibration isolation and seismic as required by code”. 1. In terms of vibration isolation, what equipment does this apply to?

Response: See the response to RFI Nos. 71 and 72 above. Seismic protection must be provided as required by applicable codes.

77. Question: vi. Section D3050.10 Facility Hydronic Distribution Section III Methods of Construction, Paragraph A.17.d (page 6 of 6) reads: “Include vibration isolators and flexible piping connections as required by each application”. 1. Please clarify the applications.
- Response: See the response to RFI Nos. 71 and 72 above. Flexible connections must be provided for all motorized equipment.
78. Question: vii. Section D3050.50 HVAC Air Distribution Section I Performance, Paragraph E.4.b.(3) (page 2 of 10) reads: “Provide vibration isolation for all motorized equipment” for equipment. 1. Which equipment does this apply to?
- Response: See the response to RFI Nos. 71 and 72 above.
79. Question: viii. Section D3050.60 HVAC Design Parameters Section I Performance, Paragraph G.1.b (page 3 of 5) reads: “All equipment with motors shall have vibration isolation” under Insulation and Acoustical Performance for equipment. 1. Which equipment does this apply to?
- Response: See the response to RFI Nos. 71 and 72 above.
80. Question: Section D2010.20 Domestic Water Equipment Section II Products, paragraph C.2 (Page 5 of 8) – Domestic Hot Water Pumps. What is the intent of these pumps?
- Response: Hot water pumps are required to circulate hot water and ensure timely delivery of hot water at all fixtures.
81. Question: Section D2010.20 Domestic Water Equipment Section II Products, paragraph D2.f (Page 5 of 8) - Is neoprene pad type vibration isolation acceptable for the domestic water heaters?
- Response: Yes.
82. Question: Section D3000.00 Heating, Ventilating, and Air Conditioning (HVAC) Section II Products, Paragraph E.2.a (page 17 of 23) identifies grease fans to be utility sets. a. Can up-blast centrifugal fans be used in grease exhaust applications?
- Response: Yes, subject to compliance with applicable codes.
83. Question: Section D3020.00 Heating Systems Section II Products, Paragraph E.2.a.(3) (page 4 of 5) identifies a requirement for vibration isolation for Modulating Condensing Hot Water Boilers. Are neoprene pad isolators acceptable for this application?
- Response: Yes.

E. CHANGES TO PREVIOUS ADDENDA:

1. Not applicable.

F. ATTACHMENTS

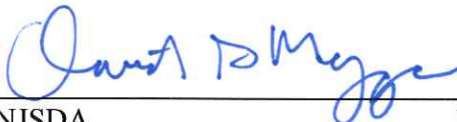
Attachment 2.01 Room Layout & Fit-Out List E-10, Teacher Workroom, Instructional Materials Storage, and VP Office, 06/14/18.
Attachment 2.02 Drawing C-201, Proposed Grading and Drainage Plan, 6/28/18.
Attachment 2.03 Drawing C-202, Proposed Utility Plan, 6/28/18.
Attachment 2.04 Drawing C-203, Proposed Landscape Plan, 6/28/18.
Attachment 2.05 Drawing A-801, Food Service Plan and Equipment Schedule, 06/29/18.

G. SUPPLEMENTAL INFORMATION

1. Not applicable.

Any bidder attempting to contact government officials (elected or appointed), including NJSDA Board members, NJSDA Staff (except for Procurement), Selection Committee members, NJSDA Consultants, and School District officials for information relating to this project or in an effort to influence the selection process may be immediately disqualified.

End of Addendum No. 2

 6/29/18

NJSDA Date
Program Director

Addendum No. 2

NJSDA
32 E. Front Street
Trenton, NJ 08625
Phone: 609-858-2981

Date: June 29, 2018

PROJECT #: PA-0011-B01

DESCRIPTION: Paterson – New Middle School at Union Avenue
Addendum No. 2

Acknowledgement of Receipt of Addendum

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via email to Alison Perry at aperry@njsda.gov. Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in **Section E.5 for Design-Build Projects** of the Price Proposal Submission.

Signature

Print Name

Company Name

Date