
Addendum No. 7

NJSDA
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DATE: July 29, 2019

PROJECT #: ET-0099-B01

DESCRIPTION: New Perth Amboy High School

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:

1. Modifications to the Advertisement, Request for Proposals and Associated Documents

- a. **REPLACE:** The Price Proposal showing a revision date of June 12, 2019 shall be deleted and replaced with the Revised Price Proposal dated July 12, 2019, included with this Addendum as Attachment 7.01.

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 General Requirements

- a. **MODIFY:** In Section 01010, Summary of Work, modify Paragraph 1.4.B.2. as follows:
2. The Emergency Responder Radio Repeater System (ERRRS) Allowance is provided for necessary Services and Work in the event that it is determined that an Emergency Responder System is required. The Allowance does not cover **the cost of the coaxial cable backbone defined in Section D6000.00 Paragraph I.C.12, nor** the costs of testing,

existing conditions verification, design, and/or other Services necessary to determine whether utilization of this Allowance is necessary, nor the costs of preparing any relevant cost proposals for submission to the Authority for authorization of the relevant Allowance Work, as these costs shall be included in the Design-Builder's Price Proposal.

2. Modifications to the Performance Specifications

- a. **MODIFY:** In Section D6000.00, Communications, modify Paragraph I.C.12. as follows:

12. Emergency Responder Radio System

~~a. If the need is determined in accordance with the Requirements of Section 01010, Summary of Work, provide emergency responder radio coverage and coordinate with local Authorities Having Jurisdiction.~~

~~b. Provide bi-directional radio amplification sufficient to provide coverage throughout the building and site, in frequency ranges approved by the local Authority Having Jurisdiction.~~

a. Provide a coaxial cable backbone to support possible installation of an Emergency Responder Radio Coverage Enhancement System (ERRCES) in the event that the need for such a system is determined after the building has been enclosed.

b. Provide plenum-rated low-loss air-dielectric coaxial cable as follows:

(1) Nominal size: 1/2".

(2) Inner conductor: Copper-clad aluminum wire.

(3) Outer conductor: Corrugated aluminum.

(4) Dielectric material: PE spline.

(5) Jacket: Red PVDF.

c. Provide a continuous coaxial cable backbone, wall-mounted or in cable trays, above all corridor ceilings throughout the building.

d. In the event that tests determine that an ERRCES is needed, the distributed antenna system (DAS), bidirectional amplification, and other components will be furnished and installed under the Emergency Responder Radio Repeater System Allowance.

- b. **MODIFY:** In Section E1030.80, Food Service Equipment, modify Paragraph II.D.1.a.(1) as follows:

- (1) Provide units and quantities as scheduled, designed with **stainless steel** ~~metal-clad~~ modular panels to facilitate easy assembly and disassembly for relocation and expansion.

3. Modifications to the Design Manual

(Not applicable)

C. CHANGES TO THE EDUCATIONAL SPECIFICATIONS:

- a. **REPLACE:** In Volume 3, replace Ed Spec C-98 Auditorium-Stage included herewith as Attachment 7.25.

D. CHANGES TO THE DRAWINGS:

- a. **REPLACE:** In Volume 3, replace C-04 Proposed Stormwater Plan included herewith as Attachments 7.03 and 7.04.
- b. **REPLACE:** In Volume 3, replace AK-101 Food Service Layout included herewith as Attachments 7.06 and 7.07.
- c. **REPLACE:** In Volume 3, replace A-101 First Floor Plan included herewith as Attachments 7.08 and 7.09.
- d. **REPLACE:** In Volume 3, replace A-102 Second Floor Plan included herewith as Attachments 7.10 and 7.11.
- e. **REPLACE:** In Volume 3, replace A-201 Building Elevations included herewith as Attachments 7.12 and 7.13.
- f. **REPLACE:** In Volume 3, replace A-203 Building Elevations included herewith as Attachments 7.14 and 7.15.
- g. **REPLACE:** In Volume 3, replace A-204 Building Elevations included herewith as Attachments 7.16 and 7.17.
- h. **REPLACE:** In Volume 3, replace A-301 Building Sections included herewith as Attachments 7.18 and 7.19.
- i. **REPLACE:** In Volume 3, replace Room Layouts and Fit-Out List Pages E56, E56A, E57, E60, and E129 in their entirety with updated pages dated July 26,

2019 and included herewith as Attachments 7.20 through 7.24, respectively.

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

1. Question: Referencing the SDA Safety Manual 3.1 General Overview 1.d (pg., 8 & 25) whereas, to establish a minimum (8) foot high chain link fence at the site perimeter. Can the D/B use the existing perimeter fence? Or, remove and replace with product parameters found in Section 01500 Part 2-2.1- C, AND, 3.4-B?

Response: The existing perimeter fencing, which was newly installed by the Project School District along Chamberlain Avenue, Convery Boulevard and the western property line will satisfy the Authority's safety requirements once the Design-Builder relocates existing gates and adds privacy screening. The existing fencing along the remainder of the northern property line and the southern property line is not acceptable to the Authority and must be replaced.

2. Question: Please confirm that all the Basis of Design, Brand Name, and proprietary products specified for the project meet the requirements of Vol 1 Article 3.24 -- Design to Facilitate "Buy American" Compliance. Identify products that do not conform to the requirement in Article 3.24 and provide a means to resolve deviations. Confirm that any alternates with cost changes are compensable.

Response: To the best of the Authority's knowledge, items specified by Basis of Design satisfy the "Buy American" requirements of Article 3.24 and Bidders should assume the same in preparing their price and technical proposals. However, should the Design-Builder propose to use a product other than the specified Basis of Design, it is the responsibility of the Design-Builder to ensure that the alternate product satisfies the requirements of Article 3.24.

3. Question: Performance Specification Section E1030.80 (II.D.1) Walk in Refrigerator/Freezer System does not provide a finish for the prefab panels. Please provide outside wall finish, interior wall finish, and interior ceiling finish.

Response: The panels shall be stainless steel. See Item B.2.b. above.

4. Question: Does the site require a Perimeter Air Monitoring Program?

Response: A Perimeter Air Monitoring Program (PAMP) is not specified by the Authority; however, due to the types of existing on-site materials, the Design-Builder may determine that such monitoring is necessary in order to satisfy health and safety requirements. The Design-Builder shall handle all regulated material in a manner which protects site personnel, the public, and the environment in accordance with all applicable Federal,

State, and Local laws and regulations. The Design-Builder's Health and Safety Plan must detail dust suppression controls to be implemented by the Design-Builder. In the event that the Design-Builder's HASP requires it or if dust suppression methods appear to be insufficient, additional dust control measures and/or a PAMP may be necessary and would be the responsibility of the Design-Builder.

5. Question: Confirmation is requested that the local telephone service provider is capable of providing POTS lines for the fire, elevator, security services within the facility as listed in the NJSDA - Design Manual Section 10, f, iii. In the event VOiP is only available, confirmation that the reconfiguration is compensable.

Response: The District's telephone vendor is XTEL, reselling Verizon service. Fully analog service over copper wires (POTS) is not available. Verizon will provide fiber optic cable(s), an optical network terminal, and punch-down block to simulate POTS service. No reconfiguration is necessary.

6. Question: There are travel distance egress paths which exceed the 250-foot limitation on the First Floor. Please address the following areas of concern using the provided furniture layouts.

- a. From the most remote point within the Personalized Learning Academy student Served (food line) to either of the exits at stair D1, or stair B4 exceeds the allowable travel distance.
- b. From the most remote point within the 9th Grade Cafeteria Student Served (food line) to either of the exits at stair D3, or stair B4 exceeds the allowable travel distance.
- c. From the most remote point from either the School Based Youth Services Staff Office D112C, or Conference Room D112B to either of the exits at stair D3, or stair D1 exceeds the allowable travel distance.

Response: The Department of Community Affairs, Bureau of Construction Project Review has confirmed for the purpose of egress through intervening spaces rooms D120 Grade 10-12 Cafeteria, D121 Personalized Learning Academy Cafeteria, and D122 9th Grade Cafeteria may be considered accessory to each other.

- a. The exit access travel distance from the most remote point in the Personalized Learning Academy Served to the exterior exit doors from room D120 Grade 10-12 Cafeteria does not exceed approximately 188 ft.
- b. The exit access travel distance from the most remote point in the 9th Grade Served to the exterior exit doors from room D120 Grade 10-12 Cafeteria does not exceed approximately 245 ft.
- c. The exit access travel distance from the most remote point in rooms D112C Staff Office or D112B Conference Room to the entrance of the interior exit stairway Stair D1 does not exceed approximately 242 ft.

7. Question: There are travel distance egress paths which exceed the 250-foot limitation on the Second Floor. Please address the following areas of concern using the provided furniture layouts.
- a. Admin office suite (Rooms C20222, C20222, C20234, C20232) regardless of whether utilizing stair A1, or Stair B6 exceed the allowable travel distance from the most remote point. Stair C1 cannot be used as egress since it does not comply with IBC 1019.3 conditions.
 - b. Stair D1 aside, the travel distance to exit some of the balcony occupants into stair BS, or B6 exceeds the allowable travel distance. The travel distance (door to door) from the northern paired door at the balcony (door at same elevation as corridor) to the door at stair BS is approx. 237 feet which leaves minimal travel distance to account for the seating area and handicapped occupants. Similar condition from the northern paired door (door to door) also occurs at stair B6. Taking all of the balcony occupants to stair D1 will exceed the capacity of the Stairway pair doors (without even accounting for the occupants of room D217) and will also exceed the travel distance from the northern pair doors to stair D1. The balcony occupants should have access to two separate stair towers within the allowable travel distance.

Response:

- a. An exit access stairway need only to comply with one of the conditions of The New Jersey Building Code section 1019.3 to be considered, without being enclosed, a permissible exit access stairway. Stair C1 communicates between only 2 stories which are not open to other stories. The exit access travel distance from the most remote point in rooms C202221, C20222, and C20223 Guidance Office and C20234 Guidance Supervisor to the exterior exit doors from room C100 Vestibule does not exceed approximately 225ft.
 - b. There is no requirement the entire minimum permitted egress width or quantity of exits be located within the maximum permitted travel distance. The exit access travel distance from the most remote point in room D220 Auditorium Balcony to the entrance of the interior exit stairway Stair D1 does not exceed approximately 170ft.
8. Question: Referencing Section G0000.00 I, D, 3: Privacy, Confirmation is requested that the bridging drawings already: "Provide complete visual screens around the following, preventing visual observation of occupants and equipment from other areas of the site:" Screening for the service delivery areas are as shown and do not need additional screening according to the design.

Response: Confirmed.

9. Question: Referencing Section G1070.20 11, B Fill Materials, 3.(a) Clarification of the following statement is requested: a. Borrow/in-situ backfill material

may be utilized as fill in areas that are not under the building." The majority of import (borrow) material will be utilized under the building.

Response: The Design-Builder's geotechnical engineer shall be responsible for determining the suitability of onsite and imported materials and the placement thereof throughout the site.

10. Question: D6000.00 does not have a table to define camera location requirements. SDA has modified camera coverage requirements recently on other projects via the SDA School Security Systems Design Guidelines. Can a table be provided similar to D6000.00-2 for Access Control?

Response: No. Sufficient information has been provided in the DBIP, including the NJSDA Materials and Systems Standards paragraph D7030.10 A; Performance Specifications paragraph D6000.00 I.C.4.d; and the referenced NJDCA Best Practice Standards for Schools Under Construction or Being Planned for Construction to determine the necessary video surveillance coverage.

11. Question: Food service item 45 (Conveyor Oven) could be used to prepare pizza which will require the installation of an Ansul hood. Please confirm this type of hood will be required above item 45.

Response: Confirmed. See the revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwx).f).

12. Question: The two open-air courts that flank the Eastern entry are shown to be bisected by a two (2) story corridor structure. The resultant Southernmost interior court is shown to be bound by three (3) story construction on two (2) sides. Please confirm that air intake per IBC-NJ 1206.3.2 shall not be required at this location.

Response: Not confirmed. Provide horizontal air intake as required by code.

13. Question: Specification Section G1070.20 Article 111.E Fill Monitoring states that "Earthwork, site fill and placement activities shall be completed to allow adequate time for underlying fine-grained deposits below portions of the site to consolidate and limit differential settlement of anticipated superstructure and structural components." If preloading is to be implemented, what is the duration for base bid purposes? How much settlement is expected?

Response: The means and methods of fill placement shall be the responsibility of the Design-Builder and their geotechnical engineer. If the Design-Builder implements preloading the Design-Builder will need to address an adequate time sequence within their schedule.

14. Question: Since the building is on piles, is a surcharge program in areas outside of the building footprint required to reduce differential settlements between the building and the surrounding sidewalks? If yes, what is the duration of surcharging for the basis of bid?

Response: The Design-Builder will need to make design accommodations to enable differential settlement between deep foundation supported structures and non-supported areas. The Design-Builder will need to determine if the non-supported area can settle without impacting the surrounding areas, if the non-supported areas should be keyed into the supported areas, or if a planned settlement area or seam is required. See Bidder Question #13 above..

15. Question: The ELP Geotech Investigation Data report includes 1 consolidation test result performed on a cohesive soil sample taken from B-7 at 11 ft. The test result sheet provides a pre-consolidation pressure of 4.7 tons per square foot, suggesting significant over-consolidation. Page 6 of the ELP report text refers to natural soils as "unconsolidated materials". Would the cohesive soils underlying the site be considered as over-consolidated or normally consolidated? Would this single consolidation data be the basis for bid for the entire soil strata underlying the site?

Response: Bidders are to come to their own conclusions whether the soils are "under-consolidated," "normally consolidated" or "over-consolidated" in the geotechnical sense. The use of "unconsolidated" to describe the native materials is intended only in its broad sense, loose or disorganized. The range of values for preconsolidation stress provided in the results of the One Dimensional Consolidation Test performed on a sample from B-7, 3.6 to 5.5 tsf, shall be the basis of bid for the entire soil strata underlying the site.

16. Question: The first floor finished elevation is just above the existing grade at the eastern end of the site but at the center of the building the existing grade is about 15' below, requiring a tremendous amount of fill (roughly 75k cubic yards) to bring most of the site and building to designed elevations.

- a. Is it possible to lower the ground level finished floor elevation (along with the building) to create some cut (so it is not just fill) and reduce the fill required below designed finished grade?
- b. Is it possible to create a partial basement to provide for missing or undersized back of house MEP spaces (e.g. fire department 15k gal. water tank) or move items like the chillers and ice storage from the roof to a more appropriate basement location, reducing structural support needs and reducing fill?
- c. Is it possible to leave the 48" storm main that is asked to be relocated around the building and design a wide access tunnel (at existing grade 15' below the building) to allow for future access and service of the 48" pipe, saving time in site preparation work

and reducing fill? Note the relocated pipe run is twice the length of the existing and if the existing is pitched minimally, the longer run will not work as conceived.

Response: These alternatives may be proposed and considered after award of the contract, but it is not possible to fully evaluate such alternatives as part of the bidding process. Therefore, all Bidders should base their bids on the finish floor elevation, MEP equipment locations, and conceptual storm water design depicted in the Design-Build Information Package.

17. Question: In reference to Aud./Theatrical: It is not possible to provide wheelchair seating for the auditorium at the front row middle of the balcony and maintain sightlines to the stage, as shown on A-102. We propose providing wheelchair seating at the last row and at the side galleries of the balcony. Please confirm that this is acceptable

Response: Not confirmed. Provide accessible seating as illustrated and in conformance with code.

18. Question: Is the proposed outdoor grease trap indicated in Contract Drawing C-05 intended for service of the Kitchen in the first floor and the Culinary Arts Lab in the second floor? If not, please provide information on the proposed location for the grease trap that will be required for the Culinary Arts Lab.

Response: The outdoor grease trap shown is intended to serve the Kitchen. Provide local grease traps for equipment as required in the Culinary Arts Labs.

19. Question: Clarify on Contract Drawing A-102 what the structure is above Vestibule #D100, Lobby Security #D100A and Corridor D100B in the first floor (roof, skylight, etc.).

Response: See details C1 and E1 on Drawing A-401 for schematic sections through those spaces. The exterior horizontal enclosure is roofing.

20. Question: Clarify on Contract Drawing A-103 which roof is the location for the “pyramid skylight” (skylight over the Lobby/Security #C100A at the first floor and Media Center #C201 in the second floor).

Response: See details D1 on drawing A-301 and D4 on drawing A-401 for schematic sections through those spaces. The pyramidal skylight is located at the level of the roof of the Media Center.

21. Question: For the “Radio Repeats” please confirm that any work required for such a system is covered in the allowance.

Response: See Item B.1.a. above.

22. Question: Will secondary kitchen grease waste have its own grease trap?

Response: See response to Bidder Question #18, above.

23. Question: Referencing Section 01811 LEED Section 3.4 IAQ Assessment, A. Flush-Out; Clarification is requested that the section is not a mandatory project requirement. The D/B has the option to pursue and deliver a LEED project based on achievable LEED credits. If the point accumulation does not utilize this credit, the effort is therefore not required. This credit would not be attainable due to the requirement that all the school's furniture is required to be installed and the logistics are prohibitive in the project's timeline. Please confirm this is not required.

Response: In the event that a Bidder believes that a potential LEED credit is not attainable, they should not anticipate utilizing that credit to meet their responsibility for LEED certification in accordance with Paragraph 3.18 of the Design-Build Agreement.

24. Question: Preliminary review of the ice storage on the roof shows that the specification's redundancy and proposed volume of ice storage are in conflict. The Ice storage location on the roof loading dock area together with the number of generators prohibits an efficient design. The ice storage loads will prohibitively impact the structural design for the space rendering the structure below riddled with columns to transfer enormous loads. This RFI requests the NJSDA review the ice storage specifications and the storage redundancy to reduce the required storage volume; or, consider placing the ice storage elsewhere on the site at grade levels; or, provide a defined basis of design and an allowance for future enhancements.

Response: See Addendum No. 6 response to bidder question No. 29.

25. Question: Referencing PS1030.00, Section D,4, b, "The seismic soil classification is D for the Basis of Bid. Ultimate determination of the seismic soil classification for construction is the responsibility of the Design-Builder." Confirmation is requested that if the seismic soil classification is greater than "D", the changes are compensable to the D-B.

Response: If the Design-Builder's testing proves that the seismic soil classification for the site is other than "D" and that change results in increased costs, such costs would be compensable upon processing and execution of a properly documented and substantiated Change Order...

26. Question: Referencing the "truss bridge" (A-401), it should be recognized that the design concept may become an attractive nuisance (legally likely to attract the students who are unable to understand the risk of the truss bridge and be harmed by it and consequently the school's administration be held liable for the injuries). Consideration for safety measures should be incorporated into the design. This RFI requests additional design information regarding the safety aspects and how the design may mitigate potential harm to the occupants. The Authority has the best advantage in

determining the student population and their view of this potential safety hazard. The Authority's details are required as the design will have cost impacts. The details will provide the most cost competitive design for the prospective bidders and assure a competent and safe design. Alternatively, an allowance can be issued for clarification of a competent design after award of Contract.

Response: These concerns have been discussed with and acknowledged by the District. No safety features exceeding code are required.

27. Question: Referencing the design of the chillers and ice storage, the units may increase in count and size requiring the units to be moved from their current depiction. As the chillers and ice storage have adjoining mechanical spaces below, can the mechanical rooms also be moved which may impact the program spaces? This RFI requests confirmation that the interior mechanical spaces can be relocated to accommodate the chillers and ice storage units primarily and the affect on the program spaces become secondary in the design of the floorplan.

Response: See Addendum No. 6 response to bidder question No. 29.

28. Question: What type of fill material can be used beneath the building (i.e. recycled concrete aggregate, recycled glass, non-structural fill material, etc.)?

Response: The use of recycled concrete aggregate is not acceptable. All imported materials must be consistent with the environmental and geotechnical requirements indicated in Section 5.12 of the Agreement, and the Remedial Responsibilities Plan.

29. Question: Can HDPE pipe be used for the stormwater piping in pipe runs that are not specifically called out as Class V RCP on the C-04- Proposed Stormwater Plan?

Response: No, the SDA's piping requirements indicated in the Material and Systems Standards are RCP.

30. Question: Refer to drawing A-104. Stairs A1, and B1 are showing accessing the roof and also include an adjacent 'extension' of the curtain wall facade which is open and fully exposed to the elements on 3 sides. In discussing with manufacturers, they are concerned about the longevity and durability of the curtain wall units being exposed to the natural elements on both sides of the system. In particular, the water exposure combined with direct sun heat or freezing temperatures will have a deteriorating effect on the thermal struts, gaskets, glazing, which could lead to degradation, condensation, and possible failure of the window to meet performance design intent. Additionally, this configuration requires firestopping at the roof level and can potentially allow water to the SGI rooms below. Can the "extension" of glass be eliminated? If not, we strongly suggest the

Authority provide an enclosure with a roof covering over these areas. Please advise.

Response: The “extension” of the curtain wall facade cannot be eliminated. It is the responsibility of the Design-Builder to detail the back of the parapet in a manner which will ensure building integrity and maintain the curtain wall manufacturer’s warranty.

31. Question: Refer to drawing A-202, elevation #3. Stair A3 is shown as having the curtain wall extend well above the roof level/ parapet elevation. Drawing A-104 depicts stair A3 as stopping at the 3rd floor and does not show the stair popping up above the roof surface. Please clarify.

Response: Elevation #3 is located on Drawing A-201. Stair A3 is not illustrated in elevation #3. Stair A3 is illustrated in elevation #4 on Drawing A-202 and elevation #11 on Drawing A-203. In both of these elevations Stair A3 stops at the 3rd floor.

32. Question: In response to the NJSDA Addendum #3 and, specifically, "*In Section 03030.00, Cooling Systems, modify Paragraph II.B.2.g.(1) as follows: (1) Provide sound reduction accessories including screening and/or the following factory-installed components and as necessary to reduce system noise to required sound levels and ensure compliance with N.J.A. C. 7:29 and other applicable codes during operation of chillers and related equipment at any time, including the overnight hours between 10:00 pm and 7:00 am, for the production of ice*". This RFI brings to attention that this restriction identifies that the preliminary calculations to accommodate the noise reduction show that an acoustical mechanical enclosures and 15-18 foot tall sound barriers will be necessary on several areas of the roof in order to meet the nighttime limits of the NJDEP noise regulation during rooftop equipment operations. This RFI requests acknowledgement from the NJSDA that the cost associated with this directive will unduly impact the total project costs. It is recommended that an allowance be implemented in order to provide for the most cost competitive proposal from the prospective bidders.

Response: See Performance Specifications Section PS1030.00 I.B.2.f.(4)(b)(iii). The extent of sound screening necessary to meet these requirements is dependent upon the noise levels generated by the HVAC equipment which will be selected and provided by the Design-Builder and which may vary based upon that selection. Therefore, an allowance is not appropriate in this instance. Bidders shall account for any necessary sound screening in their price proposals based upon their anticipated equipment selections and the equipment locations depicted in the Design-Build Information Package.

33. Question: Referencing Addendum #3 and the response to question 43, the response did not address the second part of the original question, which is: " ...

whether the SDA will compensate costs for unknown revisions of the construction code. 11 This RFI requests a response.

Response: If changes to applicable construction codes occurring after receipt of bids result in increased costs, such costs would be compensable upon processing and execution of a properly documented and substantiated Change Order.

34. Question: Addendum 2 B.2.b modified the scope to be provided for the Wide Area Network service and POTS service. This addendum states that payment for all costs and connections fees for these services should be included in the base bid scope. This creates a contradiction with Table 06000.00-1 which indicates these costs to be paid by the Authority. Please confirm that the connection fees and costs associated with POTS and internet service will be paid by the Authority.

Response: The Design-Builder shall provide the coordination and construction which is the responsibility of the customer prerequisite to the utility's installation, including: a point of contact; access to the premises for installation; an environment suitable for the installed equipment; a complete cable path; a power and ground; a backboard; and, connections on the customer side of the service demarcation. The District shall be responsible for both non-recurring fees, including installation of service, and usage fees.

35. Question: Referencing the Addendum #4 response to the building's acoustic, the SDA revamped C1030 spec section with acoustical revisions which requires further clarification. The last page of the C1030 spec included an exterior color coded plan showing the A-weighted Noise Levels. Clarification to the following 4 questions is requested:

- a. Please advise the purpose of the color coding and what impact this has on the exterior OITC for walls with windows, and OITC for roofs & walls without windows.
- b. Previous and current NJSDA projects require only the first floor of a building's elevation to meet the acoustic noise level requirements. Does the Addendum #4 color coded plan require all three floors of an elevation to have the same noise level window rating?
- c. Do the windows/glazing and roof need to hit certain STC value(s)?
- d. The project also has skylights. Will the skylights be an issue and an acoustic requirement if the various levels of roofs need to target a certain OITC rating?

Response: a. Figure PS1030.00-01 provides the predetermined minimum A-weighted exterior source environmental sound levels to be mitigated by the design. It is the Design-Builder's responsibility

to determine the STC ratings of exterior walls necessary to meet the prescribed maximum A-weighted interior background noise levels.

- b. The limitation of acoustic requirements to the first floor of the building cited in the question is incorrect. Figure PS1030.00-01 provides exterior A-weighted noise levels for each floor individually. Table PS1030.001-01 provides maximum A-weighted background noise levels for each space individually. Subject to compliance with the other project criteria multiple floors fronting on a single elevation need not be constructed to the same STC rating.
- c. It is the Design-Builder's responsibility to determine the composite STC ratings of exterior windows / glazing necessary to meet the prescribed maximum A-weighted interior background noise levels.
- d. It is the Design-Builder's responsibility to determine the STC ratings of exterior skylights necessary to meet the prescribed maximum A-weighted interior background noise levels.

36. Question: Referencing Addenda #4 and referring to Figure PS1030.00-01, what exterior A-weighted noise level should be used for the roof.

Response: See revised Figure PS1030.00-01, included herewith as Attachment 7.05. The minimum A-weighted exterior source environmental sound levels at the roof to be mitigated by the design vary from 47 to 54dB.

37. Question: Referencing Addenda #4 and referring to Table PS1030.00-01, last row, please clarify the intent of the "IIC 55" in the comments for Building Services Rooms.

Response: See revised Table PS1030.00-01, included herewith as Attachment 7.02. The required value for floor assemblies of Building Services Rooms located over a sensitive space is IIC40.

38. Question: Referencing Addenda #4 Referring to Table PS1030.00-01, please advise if the composite STC ratings include the effect of the door. For example, the composite STC 45 rating for Science Prep Rooms would require an acoustically rated door in order to maintain the composite rating where adjacent to a classroom.

Response: The minimum composite STC ratings given in Table PS1030.00-01 include the performance of every element of the assembly affecting the STC rating, including windows, doors, and penetrations.

39. Question: Referencing Addenda #4 and table PS1030.00-01, third-to-last row (bathrooms), does the STC 50 requirement apply to walls between single bathrooms and the rooms they serve, or only to adjacent rooms? For example, the D/B would suggest that STC 50 applies for Toilet

A304A/Classroom A305 adjacency, but not for Toilet A304A/Classroom A304 adjacency.

Response: See revised Table PS1030.00-01, included herewith as Attachment 7.02. The required value between a Toilet and an unassociated sensitive space is STC50. The required value between a Toilet and the sensitive space through which it is accessed is STC40.

40. Question: Referring to Table PS1030.00-01, third-to-last row (bathrooms), does the STC 50 requirement apply to walls between single bathrooms and the rooms they serve, or only to adjacent rooms? Clarification is requested as the response has cost implications, for example, the D/B would translate the Table PS1030.00-01 to mean that STC 50 applies for Toilet A304A/Classroom A305 adjacency, but not for Toilet A304A/Classroom A304 adjacency.

Response: See response to Bidder Question #39 above.

41. Question: Referencing the acoustic requirements for the doors to be part of a composite STC rating, further clarification from the NJSDA is requested as there are cost implications to the design. With a typical STC 30 door (solid wood with acoustical seals) the composite calculation tops out at a STC 37 rating. Acoustically, if a STC 70 wall is constructed, and a STC 30 door is installed in it, the composite rating is STC 37. The cost implications are that the number of acoustical doors in the project increases due to the composite rating requirement of the wall with the door installed. The design/construction conclusion is that for every wall with a door, the wall will need to be 5 points higher than the composite rating so that the door can be 5 points lower than the composite. For example, STC 45 composite would need a STC 50 wall with a STC 40 door; STC 60 composite would need a STC 65 wall with a STC 55 door. This RFI requests clarification whether the NJSDA requires the combined door/wall composite rating or the door/wall ratings to be separate and apart.

Response: Regarding the elements to be included in the calculation of composite STC ratings see the response to Bidder Question #38, above. The design / construction conclusion cited in the question is incorrect. The calculation of a composite STC rating is not a simple average of the STC ratings of the elements. It is the sum of a non-linear function of the relative STC ratings and their areas.

42. Question: The bridging documents indicate a B inlet converted to an E inlet at the intersection of Chamberlain Avenue and Convery Boulevard within the NJDOT roadway. Use of an E-inlet within traveled areas of a State Highway is generally not accepted by NJDOT. Does the NJDOT drainage system require modification to relocate the inlet as a B inlet along the new curblines?

Response: At the referenced location, the proposed drainage system has been modified to replace the existing “B” inlet with a manhole and a new “B” inlet at the proposed curb. See revised drawing C-04, included herewith as Attachments 7.03 and 7.04.

43. Question: Will the Design-Builder be required to upgrade all quadrants of the intersection of Convery and Chamberlain to current ADA requirements associated with the widening permit application as is typical by NJDOT. If so, please provide updates on the bridging identifying the extent of new curb ramps required.

Response: The Design-Builder will be required to complete upgrades for only the southwest corner of that intersection (Project Site Corner). Similarly, the Design-Builder will be required to complete upgrades for only the northwest corner of the Dorothy Ave. and Convery Blvd. intersection.

44. Question: If the Design-Builder is responsible for coordinating with the NJDOT regarding the relocated 48-inch line, please provide the existing flows for all existing pipes flowing into the relocated 48-inch line.

Response: The storm sewer was evaluated to determine the full capacity of the existing pipe at the upgradient and down gradient property boundaries. The schematic relocated pipe maintains the same capacity.

45. Question: The ELP Data Report includes the results of a consolidation test performed on a cohesive soil sample taken at 11ft to 13ft in Boring B-7. The test results show a pre-consolidation pressure between 3.6 tsf and 5.5 tsf indicative of a significant over-consolidation. Please confirm for all bidders that this consolidation laboratory test result will be the basis for evaluation of the settlements under the proposed fill loads.

Response: See Bidder Question #15 above.

46. Question: Can existing subgrade (e.g. buried) concrete sourced from former building foundations be reused on site under the proposed engineered cap? If so, is it required to be sampled, prior to reuse on site, for analytical testing? If so, what NJDEP guidance document will be applicable, the Fill Material Guidance for SRP Sites, V3.0, April 2015, or the Guidance for Characterization of Concrete and Clean Material Certification for Recycling, January 2010?

Response: Existing onsite soils may be reused under the engineering cap, subject to the Design-Builder’s Environmental Consultant, Authority’s LSRP and Design-Builder’s geotechnical review on the use, placement and compatibility of the materials. From an environmental perspective, based on the current description of the site conditions, the Authority anticipates that all site materials may be re-used on site without additional environmental testing. (If encountered, “new” conditions may require additional testing.) The determination that existing concrete may or may

not remain will be based on geotechnical and structural concerns, as well as potential conflicts with proposed subsurface foundation systems and utilities, made by the Design-Builder's Engineer of Record.

47. Question: Please confirm the composite STC rating required (if any) between the Dance Studio and its associated Dressing Rooms, with consideration for the door. Composite STC 65 seems excessive if these are to be treated as "another space."

Response: See revised Table PS1030.00-01, included herewith as Attachment 7.02. The required value between the Dance Studio and the associated Dressing Room is STC35.

48. Question: Please confirm the composite STC rating required (if any) between the De-escalation Suites and their associated Padded Rooms, with consideration for the door. Composite STC 50 seems excessive if these are to be treated as "another space."

Response: See revised Table PS1030.00-01, included herewith as Attachment 7.02. The required value between the De-escalation Room and the associated Padded Room is STC 35.

49. Question: Please confirm the composite STC rating required (if any) between the Automotive Lab and its associated Classroom, Office, and bathrooms, with consideration for the doors and windows. Composite STC 60 seems excessive if these are to be treated as "another space."

Response: See revised Table PS1030.00-01, included herewith as Attachment 7.02. The required value between the Automotive Lab and the Automotive Classroom or Office is STC60. The required value between the Automotive Lab and associated Toilets is STC40.

50. Question: Please confirm the composite STC rating of STC 65 is intended for the floor/ceiling between the Aerobics Studio and the Locker Room/PE Office below. STC 65 seems excessive considering the nature of the uses.

Response: See revised Table PS1030.00-01, included herewith as Attachment 7.02. The required value between the Aerobics Studio and Grade 10-12 Locker Room is STC45. The required value between the Aerobics Studio and Grade 10-12 PE Office / Teacher Workroom remains STC65.

51. Question: Please confirm the composite STC rating of STC 65 is intended for the floor/ceiling and walls between building services rooms and bathrooms. STC 65 seems excessive considering the nature of the uses.

Response: See revised Table PS1030.00-01, included herewith as Attachment 7.02. There is no required value between the Building Services Rooms and Restrooms or Toilets.

52. Question In reference to Sustainability please clarify if a Power Purchase Agreement will be utilized at this site. Requirements:
- a. The project owns the system or has signed a lease agreement for a period of at least 10 years.
 - b. The system is located with the same utility service area as the facility claiming the use.

Response: While the District may have an interest in pursuing this, it is not possible to determine whether this is feasible without detailed discussion beyond what is possible during the bidding phase. Consideration may be given to such an option after award of the Contract. Bidders should assume that a Power Purchase Agreement is not feasible for purposes of preparing their price and technical proposals.

53. Question: In reference to Sustainability please confirm if tri level lighting controls can be used (on, off, mid-level, separate from daylighting), within bridging documents mention only dual levels.

Response: Consideration may be given to this after award of the Contract. In the event that a Bidder wishes to include such switching for purposes of LEED certification, this shall be clearly stated in the Bidder's Technical Proposal and all costs shall be included in the Bidder's Price Proposal.

54. Question: In reference to Sustainability please confirm if you will look at Green Vehicles, Option 1 and Joint Use of Facilities, Option 1 and 3 per the Project Criteria (page 2 of 9), as there is a contradiction stating that they are unable to support these two features on page 3 of 9.

Response: In accordance with Performance Specifications Section PS1030.00 I.A.5.b. (page 2 of 9) the Project School District has indicated that it is willing to support LEED Green Vehicle Option 1 and LEED Joint Use of Facilities Options 1 and 3. In accordance with Section PS1030.00 I.A.5.c (page 3 of 9) the Project School District has indicated that it is not willing to support LEED Green Vehicle Option 2 and LEED Joint Use of Facilities Options 2. The Authority sees no contradiction here.

55. Question: In reference to Acoustics, please advise if the façade between the outdoor Automotive Lab area and the adjacent Learning Labs/LRC should be designed for composite STC 60 per Table PS1030.00-01, or advise of the outdoor sound level to assume for the Automotive activities for the D/B to use in the façade sound isolation evaluation at this location.

Response: Figure PS1030.00- 01 included herewith as Attachment 7.05, includes the future contribution of the exterior Automotive Area space to the exterior source environmental sound levels.

56. Question: Existing Conditions Plan Drawing No. C-02 and the Post-Demolition Survey Drawing No. 3 both show an existing feature identified as "Wall

(Typ)” extending along the Western property line adjacent to Tower Green Village, but the Proposed Grading Plan Drawing No. C-03 and the proposed Site Plan Drawing No. AS-101 show no reference to this feature. Please clarify.

Response: The “Wall (Typ)” as identified on sheet C-02 is located within the property boundary, under a fencing system, with limited retaining capability, and the depth is assumed to be approximately two feet below the ground surface. The schematic grading on sheet C-04 reflects a grading scheme wherein that feature is eliminated. The Design-Builder is responsible for the final design of the grading scheme. The “Wall (Typ)” indicated on the referenced drawings shall be cut at the northern property line and removed in its entirety within the project site by the Design-Builder.

57. Question: Based on the response in Addendum #2 (B.1.b), is an exhibit plan (for recording) required to accompany the legal description write-up for relocated easements for storm and sanitary which are the responsibility of the Design-Builder?

Response: Yes. The Design-Builder’s licensed surveyor will be required to produce an exhibit plan (for recording) and accompanying legal descriptions for the relocated easements for storm and sanitary.

58. Question: Please confirm whether approval from authorities having jurisdiction has already been obtained for the proposed relocations of the existing 20 foot wide sanitary sewer easement and the 25 foot wide State Highway storm sewer easement.

Response: Refer to Addendum #5, Bidder Question #40.

59. Question: Please confirm fire truck, garbage truck, delivery vehicle, and school bus turning templates have been completed in AutoTurn which support the perimeter roadway geometry + curve radii.

Response: Confirmed.

60. Question: Please confirm whether the sanitary connection to Chamberlain Avenue shall be considered to be a doghouse manhole or a saddle connection.

Response: A Doghouse Manhole

61. Question: In cross section view along the Northern portion of the site...have all the required utilities (sanitary, storm, gas, telecom, low/high pressure water) been reviewed to ensure adequate horizontal spacing between the building foundation/footing and the site retaining wall at that location? We have concerns that these utilities with their associated trenching requirements cannot fit in this space.

Response: ELP did a preliminary review to confirm there is space. The final assessment will depend on the design of the site, retaining, deep foundations, final conduit sizes and quantities.

62. Question: Sheet C-05 identifies the location of one (1) utility pole to be relocated at the direction of the utility company. Is the Design-Builder responsible for any pole relocation fees?

Response: The Design-Builder is required to coordinate and schedule the relocation of the pole. The NJSDA shall be responsible for payment of the associated fees.

63. Question: Performance Specification Section G2010.00, subsection A.4.d indicates that all catch basins and curb inlets adjacent to and abutting new roadway, curb and sidewalk connections are to be reconstructed to be compliant with local/county standards. New curb work is proposed along Dorothy Avenue, Route 35, and Chamberlain Avenue. Is this specification only applicable to the school side of the road, or are inlets/structures on the opposite side of the roadway (along the frontage) also required to adhere to this specification?

Response: Only curb and sidewalk connections on the project side of the ROW are to be reconstructed to be compliant with local/county standards.

64. Question: Proposed Utility Plan Drawing No. C-05 identifies the location of one (1) utility pole to be relocated at the direction of the utility company. Please confirm that the proposed site plan and changes to the Chamberlain Avenue have been reviewed by each respective utility provider that has overhead wires and that only one pole will need to be relocated. Please confirm that when the pole is relocated, it will not require other poles to be relocated or reset due to wire alignment, etc.

Response: The Proposed Site Plan and changes to Chamberlain Ave. were reviewed with PSE&G onsite on 05/30/2018. PSE&G agreed with the proposed pole relocation and provided information about the available electrical service. The Design-Builder shall coordinate and schedule the relocation of the pole and the attached utilities. The NJSDA shall be responsible for payment of the associated fees.

65. Question: As required by DCA Best Practices, (2) additional vehicular gates are required along Chamberlain Ave and Dorothy Ave to provide a secured vehicular access control at the perimeter of the site. Please clarify.

Response: Based on conversations with DCA during schematic design, the Authority believes the interpretation of NJDCA Best Practice Standards for Schools Under Construction or Being Planned for Construction expressed in the question is incorrect. All bidders shall base their price proposals on the vehicular gates shown and specified in the Design-Build Information Package.

66. Question: As required by DCA Best Practices, additional fencing is required at the perimeter of the site along Chamberlain Ave and Dorothy Ave to provide a securable perimeter of the overall site. Please clarify.

Response: Based on conversations with DCA during schematic design, the Authority believes the interpretation of NJDCA Best Practice Standards for Schools Under Construction or Being Planned for Construction expressed in the question is incorrect. All bidders shall base their price proposals on the fencing shown and specified in the Design-Build Information Package.

67. Question: In Addendum #2, Page #2, b. it asks to modify the D6000 specification to:

(1) Coordinate with utilities to complete utility pole relocation as indicated. This sounds like the Telecommunications contractor is responsible for the relocation of a utility pole. When looking at drawing C-05, it seems that the utility pole is being relocated because the road is being widened. Who is responsible for relocating this utility pole?

(4) Pull wires, transitions, termination blocks and other equipment and accessories necessary to establish service. Is this the responsibility of the service provider?

(6) Payment of all associated costs and connection fees. Is this the responsibility of the School District?

Response:

1) The utility company is responsible for the actual relocation, the cost of which will be borne by the Authority. The Design-Builder is responsible for scheduling and coordinating the relocation of the pole and all utilities.

4) Per the referenced addendum item, pull wires, transitions, termination blocks and other equipment and accessories necessary to establish service are the responsibility of the Design-Builder.

6) The referenced addendum item is erroneous. The School District is responsible for payment of costs associated with the actual provision of service by the utility and related connection fees, if any. The Design-Builder is responsible for all other costs related to this work.

68. Question: Based on the equipment plan and department of health standards, (5) additional hand sinks will be required. Please confirm location.

Response: Provide additional hand sinks where indicated on revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx).

69. Question: Item #35, Rapid Cook Oven- quantity of (4) indicated in schedule, but only (3) are shown on equipment plan. Please clarify.

- Response: Three rapid cook ovens are required. See revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx).
70. Question: Item #43, Convection Oven- quantity of (3) indicated in schedule, but only (2) are shown on equipment plan. Please clarify.
- Response: Two ovens are required. Note the substitution of oven-steamers for convection ovens. See revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx).
71. Question: Item #48, 49, Mixer Units- requires water nearby. There is no water source in this location. Please confirm this is acceptable.
- Response: Add wall-mounted faucets where indicated on revised Drawing AK 101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx).
72. Question: Item #63, Warewasher, Door Type- does not meet LEED 4.0 pre-requisite. Exhaust hoods or vent stacks are not shown on drawings for the warewashers. Please advise?
- Response: See the revised basis of design, Item #63 on revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx). Regarding an exhaust hood or vent, equipment shall be provided with the appurtenances necessary for a complete installation. See Performance Specification E-1030.80-I.A.4.
73. Question: NJAC 8:24-6.7 Hand-washing Facilities states "Hand-washing facilities shall be adequate in size and number and shall be so located and maintained as to permit convenient and expeditious use by all employees". Refer to drawing AK-101 and review the following:
- a. No hand sinks are located in close proximity to any of the three serving lines.
 - b. The pot washing room does not have a hand sink.
 - c. The closest hand sink to the main cooking line is 12 feet away and only present on one end of the cooking line.
- Response: See response to Bidder Question #68 above.
74. Question: Confirm that the number of hand sinks as shown on drawing AK-101 is adequate.
- Response: See response to Bidder Question #68 above.
75. Question: Confirm that all eating utensils and trays for the students are disposable.

Response: Confirmed.

76. Question: Refer to drawing AK-101. There are no shelving units shown in the pot washing room for drying of cleaned items. Confirm design intent.

Response: Two drying racks required. See revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx).

77. Question: Refer to drawing AK-101. Should the masonry walls separating the back to back cooking lines be doubled up with a chase to conceal the utilities servicing the cooking equipment, or can the utilities be exposed? Confirm design intent.

Response: Utilities servicing cooking shall be concealed. See revised Drawings AK-101 and A-101, attached hereto as Attachments 7.06 (pdf), 7.07 (dwfx), 7.08 (pdf) and 7.09 (dwxf), respectively.

78. Question: Refer to drawing AK-101 (Item No. 61 Eight Burner Range). There is no water source in the general vicinity of this range to fill pots or pans. Please confirm that no water is required at this piece of equipment.

Response: Add wall-mounted faucets where indicated on revised Drawing AK 101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx).

79. Question: Refer to drawing AK-101 (Food Service Schedule A1). The first item number is indicated as "Bulk" under the schedule; however no such tag can be found on the Equipment Layout Plan. What does this item pertain to and where is it located?

Response: Item #”BULK” has been deleted. See revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx). The tray slides are tagged item #66.

80. Question: Refer to drawing AK-101. The equipment layout plan appears to have cashier stands but they are not tagged in the layout or indicated in the equipment schedule. Please confirm if they are to be provided within the food service equipment contract or if they are provided by the SDA/District.

Response: The furniture, power, and data shall be provided by the Design - Builder. The point-of-sale device shall be provided by the Project School District. See the revised Drawing AK-101, attached hereto as Attachments 7.06 (pdf) and 7.07 (dwfx) and Furniture Layouts, pages E90-93.

81. Question: Refer to AK-101. A kitchen occupant located in the Grade 10-12 Servery Area will exceed the 75 foot 'common path of egress' travel distance by the time he/she gets near Stair BS. An exterior door should be added along the north wall between the Dishwashing Room and the grade 10-12 Servery. Please confirm.

Response: Provide additional exit access doors where indicated on revised Drawing A-101, attached hereto as Attachments 7.08 (pdf) and 7.09 (dwxf).

82. Question: The DBIP drawings do not indicate any columns supporting the Auditorium Balcony. Please confirm if columns (whether located above the balcony up the roof or located below the balcony) can be provided. Both options will impact seating and viewing sight lines. Is the design intent to have an unobstructed clear span with no columns, and no impacts to seats/sight lines?

Response: Provide an unobstructed clear span as illustrated. Columns may be introduced only when immediately adjacent to interior partitions. See also the revised Drawing A-101, included herewith as Attachments 7.06 (pdf) and 7.07 (dwfx).

83. Question: Are columns permitted within first floor auditorium to support the balcony above? The columns will not extend up to roof structure, and will be located to minimize seat blockage, somewhere adjacent to the video booth location.

Response: See response to Bidder Question #82, above.

84. Question: Refer to the 3rd floor outdoor area E-300A. The exterior south wall extends full height and includes (7) windows. Are structural members (kickers) allowed in this outdoor area to brace the top of the exterior wall that extends full height up to the adjacent roof parapets? If kickers are not allowed is the SDA design intent to locate all the necessary steel to brace the wall within this exterior wall?

Response: No, structural members must be located within the wall.

85. Question: Site Plan Drawing AS-101 identifies the fence at the Automotive Area as “welded-wire security fence” whereas Building Elevation Detail 12 identifies this same feature as “G2060.00-03- ornamental steel picket fence.” Which is correct?

Response: A welded wire fence and gates are required. See the revised Drawing A-204, included herewith as Attachments 7.16 (pdf) and 7.17 (dwfx).

86. Question: Please clarify the following items regarding the food service equipment specifications:

- a. Items #6, 6.1, 6.2, 6.3, 6.4- Heated Cabinet, Pass-Thrus: These are noted as “reach-in” type units, however, are indicated to have a rolling cart go inside of them. This is not possible with the current model specified. Please confirm if these units should be switched to “roll-in” pass thru units.

- b. Items #7, 7.1, 7.2, 7.3, 7.4- Refrigerator, Pass-Thrus: These are noted as “reach-in” type units, however, are indicated to have a rolling cart go inside of them. This is not possible with the current model specified. Please confirm if these units should be switched to “roll-in” passthru units.
- c. Based on the equipment plan and department of health standards, it appears that (5) additional hand sinks will be required.
- d. Please clarify whether stainless steel wall paneling is required at wall locations where there is an exhaust hood and/or cooking equipment.
- e. Stainless steel corner bumpers at all exposed corners are not currently indicated by then Bridging Documents. Is this correct?
- f. Verify if (1) large floor trough can be utilized for items 57.1 and 58.1, or are separate troughs required.
- g. Item #35, Rapid Cook Oven- quantity of (4) indicated in schedule, but only (3) are shown on equipment plan.
- h. Item #43, Convection Oven- quantity of (3) indicated in schedule, but only (2) are shown on equipment plan.
- i. Item #48, 49, Mixer Units- please note that there is no water source in this location.
- j. Item #54, Hose Reel with Spray- Please note that the hose length specified, based on model number is only 12’-0” in length.
- k. Item #55, Ice Maker- Required to be energy star (LEED 4.0 prerequisite).
- l. Item #56, Oven Steamer- Please note that a water quality test will be required to provide appropriate water filtration.
- m. Item #62B, Pre-rinse faucet- Required to be 1.3GPM or less (LEED 4.0 pre-requisite).
- n. Item #63, Warewasher, Door Type- does not meet LEED 4.0 prerequisite.
- o. Item #63, Warewasher, Door-Type- unit will require exhaust hood or vent stacks.
- p. Item #65, Pre-rinse faucet- Required to be 1.3GPM or less (LEED 4.0 pre-requisite).
- q. All sneeze guards are required to have LED lights built-in.
- r. Where stainless steel is an option for finishes, it is required.

Response:

- a. See Addendum #4, Bidder Question #4.
- b. See Addendum #4, Bidder Question #5.
- c. See response to Bidder Question #68 above.

- d. See Addendum #5, item B.2.q.
- e. See Addendum #4, Item B.2.p.
- f. Provide separate floor troughs as indicated.
- g. See Bidder Question #69, above.
- h. See Bidder Question #70, above.
- i. See Bidder Question #71, above.
- j. See Addendum #4, Bidder Question #7.
- k. Agreed. The basis of design is Energy Star certified.
- l. See Addendum #4, Bidder Question #8.
- m. Agreed. The basis of design meets the LEED pre-requisite.
- n. See Bidder Question #72, above.
- o. See Bidder Question #72, above.
- p. Agreed. The pre-rinse spray is shipped loose. It is the D-B's responsibility to select a unit meeting this pre-requisite.
- q. Not confirmed. Provide sneeze guards with fluorescent or LED lighting. See Performance Specification E1030.80, paragraph II.D.16.c.
- r. Confirmed. Where stainless steel is an option for finishes, it is required. See Performance Specification E1030.80, paragraph II.D.18.a.

87. Question: In reference to Food-Service Equipment: Based on the equipment plan and department of health standards, (5) additional hand sinks will be required.

Response: See Bidder Question #68 above.

88. Question: In reference to Food-Service Equipment: Verify if (1) large floor trough can be utilized for items 57.1 and 58.1, or are separate required.

Response: See Bidder Question #86f. above.

89. Question: In reference to Food-Service Equipment: Item #35, Rapid Cook Oven-quantity of (4) indicated in schedule, but only (3) are shown on equipment plan.

Response: See Bidder Question #69. above.

90. Question: In reference to Food-Service Equipment: Item #43, Convection Oven-quantity of (3) indicated in schedule, but only (2) are shown on equipment plan.

Response: See Bidder Question #70. above.

91. Question: In reference to Food-Service Equipment: Item #48, 49, Mixer Units- please note that there is no water source in this location.
Response: See Bidder Question #71 above.
92. Question: In reference to Food-Service Equipment: Item #55, Ice Maker- Required to be energy star (LEED 4.0 pre-requisite).
Response: See Bidder Question #86 above.
93. Question: In reference to Food-Service Equipment: Item #56, Oven Steamer- Please note that a water quality test will be required to provide appropriate water filtration.
Response: See Addendum #4 Bidder Question #8.
94. Question: In reference to Food-Service Equipment: Item #62B, Pre-rinse faucet- Required to be 1.3GPM or less (LEED 4.0 pre-requisite).
Response: See Bidder Question #86 above.
95. Question: In reference to Food-Service Equipment: Item #63, Warewasher, Door Type- does not meet LEED 4.0 pre-requisite.
Response: See Bidder Question #72 above.
96. Question: In reference to Food-Service Equipment: Item #65, Pre-rinse faucet- Required to be 1.3GPM or less (LEED 4.0 pre-requisite).
Response: See Bidder Question #86 above.
97. Question: In reference to Food-Service Equipment: All sneeze guards are required to have LED lights built in.
Response: See Bidder Question #86q. above.
98. Question: In reference to Food-Service Equipment: Where stainless steel is an option for finishes, is it required?
Response: See Bidder Question #86 above.
99. Question: Per the floor plans, and fit outs it appears that the spiral staircase in the blackbox theater is open at the bottom to allow students to access the wire grid above. Is this the design intent or should a barrier wall with a door be provided to prevent access?

Response: Provide a 42" high lockable, swinging gate to match the guardrail as illustrated in revised Drawings E-60 and A-101, attached hereto as Attachments 7.23, 7.08 (pdf) and 7.09 (dwxf).

100. Question: On drawing AK-101 in the schedule for, Item 35 Oven - Rapid Cook, it shown a quantity of (4) four units. Only three can be found on the Layout Plan. Please advise where the fourth rapid cook oven is located.

Response: See Bidder Question #69 above.

101. Question: In reference to Aud./Theatrical: Is it acceptable to combine the Control Room D220A (over the stage right proscenium) with Control Room D113 (rear of theatre)? As shown, operators in D220A will have an inadequate view to the stage.

Response: A single, consolidated control room at the rear of the theater is now the basis of design. See the revised Drawings E56, E-56A, E57, A-101, and A-102, attached hereto as Attachments 7.20, 7.21, 7.22, 7.08 (pdf) and 7.09 (dwxf) and revisions to the Education Specification C-98 attached hereto as Attachment 7.25.

102. Question: Refer elevation 10 on A-203. At the Second & Third floor the elevation shows (10) windows on each level, whereas the floor plan A-102, and A-103 in this area shows (9) on each level. Please clarify.

Response: Nine windows are required See revised Drawings A-203 and A-204, included herewith as Attachments 7.14 through 7.17.

103. Question: Regarding the 9th Grade Auxiliary Gym D214 please note the following. DOE drawing A-102 calls for a 28-foot ceiling height. ED spec C-133 calls for 22-foot clear ceiling height. NJAC calls for a 14-foot ceiling height for (Auxiliary Gym). Building sections B, and H note a roof elevation of (+) 36'-8". From 2nd floor elevation (+) 16, this implies that the Auxiliary Gymnasium D214 roof elevation is 20' -8" without any consideration for structure. The DOE and ED spec ceiling height cannot be met based on what is shown in A-301. Additionally, building section B shows a 'dashed' line at 14 feet which conforms to the NJAC 14-foot height for Auxiliary Gyms. With (6) retractable backstops the 14-foot ceiling height may not be ideal. Please clarify what ceiling height the design-build team is to follow. Following the DOE drawing A-102 or the ED spec C-133 heights will automatically raise the roof/ parapet heights from what is shown.

Response: Provide a 22ft. clear height as illustrated in revised Drawing A-301 attached hereto as Attachments 7.17 (pdf) and 7.18 (dwxf).

104. Question: Building section "F" on A-301 shows that Stair A-1 stops at the 3rd floor level which differs from what is noted on A-104. Please clarify.

Response: Stair A1 extends to the roof. See the revised drawing A-301 included herewith as Attachments 7.18 (pdf) and 7.19 (dwfx).

105. Question: Refer to elevation 1 on A-201. Underneath the Media Center the elevation shows (6) round metal column covers, whereas the floor plan A-101 shows 8. Please Clarify.

Response: Six columns are required. See revised Drawing A-101, included herewith as Attachments 7.08 (pdf) and 7.09 (dwfx).

F. CHANGES TO PREVIOUS ADDENDA:

- a. **REPLACE:** Addendum No. 4 B.2.a., Table PS1030.00-01, Acoustical Performance Criteria, has been revised and is included herewith as Attachment 7.02.
- b. **REPLACE:** Addendum No. 4 B.2.a., Figure PS1030.00-01, Acoustical Performance Criteria, has been revised and is included herewith as Attachment 7.05.

G. ATTACHMENTS

Attachment 7.01	Revised Price Proposal dated July 12, 2019
Attachment 7.02	Table PS1030.00-01 190723
Attachment 7.03	C-04 Proposed Stormwater Plan 190726 (pdf)
Attachment 7.04	C-04 Proposed Stormwater Plan 19076 (dwxf)
Attachment 7.05	Figure PS1030.00-01 190723
Attachment 7.06	AK-101 Food Service Layout 19076 (pdf)
Attachment 7.07	AK-101 Food Service Layout 19076 (dwxf)
Attachment 7.08	A-101 First Floor Plan 19076 (pdf)
Attachment 7.09	A-101 First Floor Plan 19076 (dwxf)
Attachment 7.10	A-102 Second Floor Plan 19076 (pdf)
Attachment 7.11	A-102 Second Floor Plan 19076 (dwxf)
Attachment 7.12	A-201 Building Elevations 19076 (pdf)
Attachment 7.13	A-201 Building Elevations 19076 (dwxf)
Attachment 7.14	A-203 Building Elevations 19076 (pdf)
Attachment 7.15	A-203 Building Elevations 19076 (dwxf)
Attachment 7.16	A-204 Building Elevations 19076 (pdf)
Attachment 7.17	A-204 Building Elevations 19076 (dwxf)

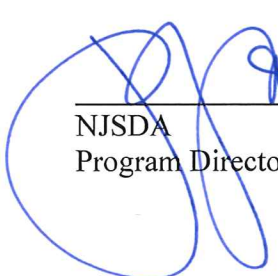
- Attachment 7.18 A-301 Building Sections 19076 (pdf)
- Attachment 7.19 A-301 Building Sections 19076 (dwx)
- Attachment 7.20 Drawing E56 190726.pdf
- Attachment 7.21 Drawing E56A 190726.pdf
- Attachment 7.22 Drawing E57 190726.pdf
- Attachment 7.23 Drawing E60 190726.pdf
- Attachment 7.24 Drawing E129 190726.pdf
- Attachment 7.25 Ed Spec C-98 Auditorium-Stage 190726

H. SUPPLEMENTAL INFORMATION

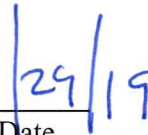
(Not applicable)

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. 7



NJSDA Program Director



Date



Addendum No. 7

NJSDA
32 E. Front Street
Trenton, NJ 08625
Phone: 609-858-2984

DATE: July 29, 2019

PROJECT #: ET-0099-B01

DESCRIPTION: New Perth Amboy High School
Addendum No. 7

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 Marty Taylor at mataylor@njsda.gov. Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section F.5 of the Price Proposal Submission for Design Build Projects.

Signature

Print Name

Company Name

Date