

---

## Addendum No. 8

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

**DATE:** August 9, 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 originally issued and dated March 26, 2019 and updated in Addendums #4 and #7 shall be deleted and replaced with the Revised Price Proposal dated August 9, 2019, included with this Addendum as Attachment 8.01.

### **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 Design-Build Agreement**

- a. ADD:** In the Table of Contents, add Paragraph 5.20 as follows:

**5.20 Flooring Certification and Testing**

- b. MODIFY:** In the Table of Contents, modify Paragraph 1.52 as follows:

1.52 "Materials and Systems Standards" means the NJSDA's "Materials and Systems Standards Manual" ~~including~~ Design Requirements

*and Construction Details*, as available on the Authority's website at the time of execution of this Agreement. (See <http://www.njsda.gov/Design/MSS.html> [https://www.njsda.gov/NJSDA/Content/design/design\\_requirements.pdf](https://www.njsda.gov/NJSDA/Content/design/design_requirements.pdf)).

- c. **ADD:** Add Paragraph 5.20 as follows. See also Item F.2. below.

**5.20 Flooring Certifications and Testing. For all projects incorporating poured polyurethane flooring, the Design-Builder shall:**

**5.20.1 Provide written certifications, on the form prescribed by the NJSDA (available on the NJSDA website), or in another format satisfactory to the NJSDA, certifying that the products and materials comprising the poured polyurethane flooring system, including any topcoats, catalysts and/ or additives utilized in the installation process, do not contain phenyl mercuric acetate (PMA) or other mercury compounds. Such certifications shall be required from:**

- a) the manufacturer(s) of the floor system components;**
- b) the Design-Builder;**
- c) the Design-Builder's Design Consultant;**
- d) the floor installation subcontractor; and**
- e) any other subcontractor, consultant or supplier providing labor or materials for the installation of the poured polyurethane flooring;**

**5.20.2 Assist in testing of any poured polyurethane flooring system, in accordance with the following:**

- a) Design-Builder shall facilitate collection of liquid material samples as identified by the Authority's Construction Manager and/or its consultant, with testing of samples to be performed by the Construction Manager's engaged testing consultant;**
- b) assume collection of one sample for each batch or pour of flooring material;**

**5.20.3 If the results of the testing show that any portion of the installed flooring system tests positive for the presence of mercury, the Design-Builder shall be required to remove all of the mercury-containing floor system and any substrate materials that have been contaminated with mercury, and shall be responsible for the replacement of the contaminated flooring with a mercury-free flooring system, all at the Design-Builder's own cost and expense. The Design-Builder shall be responsible for all costs and**

**schedule impacts associated with such flooring removal and replacement, without compensation or time extension from the Authority.**

d. **ADD:** Add Paragraph 9.9.4 as follows:

**9.9.4 In its sole discretion, and in appropriate circumstances, the Authority may, prior to achievement of Substantial Completion, release Retainage on certain facets of completed Work, upon the request of the Design-Builder and submission of documentation satisfactory to the Authority, showing that the elements of Work for which release of Retainage is sought:**

**(a) have been complete and/or in use or operation for at least one year;**

**(b) have been certified by the Design Consultant as complete, exhibiting no obvious or apparent defects or omissions, and having passed all required inspections, and/or received all required approvals of the relevant Authorities Having Jurisdiction, and**

**(c) are identified by line items corresponding to the individual subcontractors responsible for performing the Work in question and the retainage amounts due to such subcontractors. This documentation shall be supported by a certification from the Design-Builder that the identified Retainage amounts will be paid to the corresponding subcontractors upon release of Retainage to the Design-Builder by the Authority.**

e. **MODIFY:** Modify Paragraph 25.3. as follows:

25.3 Order of Precedence. In the event of a conflict, discrepancy or inconsistency between or among the Design-Build Contract Documents, interpretation will be based on the following descending order of priority:

1. Executed Change Orders
2. Special Conditions
3. Supplementary Conditions (if any)
4. This Agreement,
5. The Design Build Information Package:
  - a. Performance Specifications

**b. Educational Specifications**

**~~c.~~ NJSDA Materials and Systems Standards Manual – Design Requirements**

**~~e.~~ NJSDA Construction Details Manual**

## 2. Modifications to the General Requirements

a. **MODIFY:** In Section 01010, Summary of Work, modify Paragraph 1.4.A. as follows:

A. The Contract contains the following Allowance categories and amounts:

	<u>AMOUNT</u>
1. General Design and Construction Allowance .....	\$ 2,200,000.
2. Emergency Responder Radio Repeater System Allowance.....	400,000.
<del>3. Building Envelope Acoustical Enhancement Allowance.....</del>	<del>1,000,000.</del>
4. Emergency Generator Allowance .....	650,000.
5. Emergency Alert System Allowance .....	210,000.
6. Subsurface Conditions Allowance .....	2,010,000.
<b><u>7. Outdoor School Sign Allowance .....</u></b>	<b><u>100,000.</u></b>
GMP Reserve Total.....	<del>\$6,470,000</del> <b><u>\$5,570,000.</u></b>

b. **MODIFY:** In Section 01010, Summary of Work, modify the second paragraph numbered 1.3.B. as follows:

~~B~~C. The design solution shown....

c. **ADD:** In Section 01010, Summary of Work, add Paragraph 1.4.B.7. as follows:

**7. The Outdoor School Sign Allowance is provided for the cost of electronic displays and school mascots indicated to be provided by the District on Detail A4 on Drawing A-205.**

d. **MODIFY:** In Section 01600, Products and Substitutions, modify Paragraph 1.3.A.3. as follows:

3. Submittal: Within fifteen days after Final Design acceptance by the Authority **and prior to submission of any construction Submittals**, submit complete list of all products and materials which are proposed for installation to the Authority in both paper and native electronic format.

## 3. Modifications to the Performance Specifications

a. **DELETE:** In Section B2010.40, Curtain Wall Assemblies, delete Paragraph II.A.3. in its entirety and renumber subsequent paragraphs accordingly.

- b. **MODIFY:** In Section C1000.00, Interior Construction, modify Paragraph I.C.3.a.(4) as follows:
- (4) At Vestibule C-100 **and Vestibule D-100.**
- c. **ADD:** In Section C2000.00, Interior Finishes, add Paragraph I.C.1. as follows and renumber subsequent items accordingly:
- 1. See Design-Build Agreement for certification and testing requirements for all poured polyurethane flooring.**
- d. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify numbering of second Paragraph I.A.9.b. (on page 3 of 28) to I.A.9.g., and numbering of second Paragraph I.A.9.c. (on page 3 of 28) to I.A.9.h., and numbering of second Paragraph I.A.9.d. (on page 4 of 28) to I.A.9.i. Also, modify numbering of second Paragraph I.A.9.d.(2) (on page 8 of 28) to I.A.9.h.(10), second Paragraph I.A.9.d.(3) (on page 9 of 28) to I.A.9.h.(11), etc. through Paragraph I.A.9.d.(14) (on page 14 of 28) to I.A.9.h.(22).
- e. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph I.A.9.b.(3)(b) (revised to I.A.9.g.(3)(b) – see Item B.3.d. above) as follows:
- (b) Natural gas shall be utilized for the preheat section of the packaged air handling units, *air curtains* and make-up air units.
- f. **MODIFY:** In Section E1030.80, Food Service Equipment, delete Paragraph II.D.1.b.(5) and modify Paragraph II.D.1.b.(6) as follows:
- ~~(5) Incandescent vapor proof light, with exterior neon pilot light and toggle switch and dual intensity attenuator to dim the lamp when the light switch is placed in the off position.~~
- ~~(6)~~ **(5)** A minimum of four ceiling-mounted *incandescent* **LED** vapor-proof lamps with exterior neon pilot light and toggle switch.
- g. **MODIFY:** In Section E1030.80, Food Service Equipment, modify Paragraph II.D.9.b.(8) as follows:
- (8) ~~Four 48" long double tube vaporproof and greaseproof fluorescent light fixtures.~~ **A minimum of four vaporproof and greaseproof LED luminaires and lamps. Switches and wiring shall be in conduit on hood exterior. Number and location of luminaires shall provide a minimum of 70 fc (753 lx) at 30 inches (762 mm) above finished floor.**

**h. MODIFY:** In Section E1030.80, Food Service Equipment, modify Paragraph II.D.16.c. as follows:

c. Provide matching sneeze guards with ~~fluorescent or~~ LED lighting.

#### **4. Modifications to the Design Manual**

(Not applicable)

#### **C. CHANGES TO THE EDUCATIONAL SPECIFICATIONS:**

(Not applicable)

#### **D. CHANGES TO THE DRAWINGS:**

1. **REPLACE:** In Volume 3, replace Room Layouts and Fit-Out List Pages E44 and E88 in their entirety with updated pages dated August 9, 2019 and included herewith as Attachments 8.02 and 8.03.
2. **REPLACE:** In Volume 3, replace Drawings A-101, A-102, A-104, and A-601 in their entirety with updated pages dated August 9, 2019 and included herewith as Attachments 8.07 through 8.10 (pdfs) and 8.12 through 8.15 (dwfxs).
3. **ADD:** In Volume 3, add Drawing AK-102, Culinary Arts Plan, included herewith as Attachments 8.11 (pdf) and 8.16 (dwfx).

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

1. **Question:** Performance Specification Section E1030.80 indicates incandescent vapor-proof lights. Confirm incandescent fixtures are required for the walk-in units and the exhaust hoods in lieu of LED fixtures.

**Response:** Where LED lighting is available, LED lighting is required. See Items B.3.f. through B.3.h. above.

2. **Question:** Performance Specification Section E1040.10 (11.J.8) Oven/Range is called out as a GE Model # JGB700DJWW residential unit. We assume that this appliance is supposed to be for the six units in the Culinary Arts Lab. Providing a domestic unit in this type of rigorous environment will result in a very short lifecycle and will probably void its warranty. Please confirm that the design intent is to use residential cooking equipment for the Culinary Art Lab.

**Response:** The bidder's assumption is incorrect. The units specified in Section E1040.10 Paragraph II.J.8. are for the Life Skills Lab and Daycare Center only. See revised Food Service Equipment Schedule for the Culinary Arts Lab on revised Drawing AK-102, attached hereto as Attachments 8.11 (pdf) and 8.16 (dwfx).

3. Question: Confirm if the Walk-in boxes in the 2nd floor Culinary Lab are required to have floor depressions (which may have structural implications), or if the walk-in units can have a prefabricated insulated flooring system with an interior ramp at the entrance doors?

Response: Confirmed. Provide depressed slab as needed to comply with Section E1030.80 Food Service Equipment, Paragraph II.D.1.a.(3).

4. Question: Fit-Out Drawing E-44 (Culinary Lab) appears to only have one hand sink and it does not indicate who is to provide that hand sink based on the color coding. Even though this is a student lab it should have the same hygiene requirements as any other food facility. It is suggested that at least two more hand sinks be added to the layout in addition to the one assumed to be a hand sink. One sink should be located near to the three compartment sink and another sink should be located toward the center rear of the lab between the windows. Please review.

Response: One hand sink has been added. See revised Drawing AK-102, attached hereto as Attachments 8.11 (pdf) and 8.16 (dwfx).

5. Question: Spec section B2020.00, section 11.A.2 makes reference to framing widths and depths as called for in "plan detail drawings". Please clarify where this information is provided, and if any drawings will be issued.

Response: The question appears to apply to Section B2010.40, Curtain Wall Assemblies (which includes an inaccurate "End of Section" line), rather than the referenced Section. Varying framing widths and depths are not required. Plan detail drawings will not be provided. See Item B.3.a. above.

6. Question: Is it acceptable to increase the footprint of any floor plan at any level of the DBIP floor plans?

Response: The floor plans provided in the DBIP are intended to assist the competing Design-Build teams in preparing their bids for completion of the Project utilizing the provided plans as a "Basis of Design" for advancement of the Project, and to assist the Design-Builder in developing a complete and effective design for the Project, and may not represent a complete design.

In the event that the Design-Builder believes that it may be necessary to increase the size of the footprint, it shall be done in such a way so as to maintain the integrity of the "Basis of Design" in regard to the number, type, size, and relationship of program spaces and design features. Where it is not possible to do so, other alternatives must be considered.

7. Question: Based on the Building Sections (A-301), and Interior Elevations (A-401, and A0402) a majority of the corridors have a ceiling height of 9' 6" and 12' 0". This is above and beyond what other design build projects have shown. With a floor height of 16 feet it will be very challenging to fit all

service over the corridor. Are the Design-Builders allowed to lower the ceilings? Please advise.

Response: See revised schematic DOE drawings A-101, A-102 and A-103, attached herewith as Attachments 8.04 through 8.06. The Design-Builder shall not lower ceiling heights below these dimensions.

8. Question: *[Note: Numbering added by SDA for clarity.]*

1. The RFP section D5010.10-A.2.a requires the generator capacity be the greater of the following: 20% spare capacity in addition to the connected load. (Based on previous generator sizing for similar applications, this is estimated at 1 VA/sq. ft.) OR, 2.5 volt-amperes per gross square foot of building load. (2.5 VA/sq. ft. results in the larger capacity and is used for the calculations per the SDA RFP). Based on a strict reading of the specification provided, the generator sizing would require as little as 1.5-MW (three 500-kW Generators) or as much as 3.0-MW generators (six 500-KW Generators).
2. (Note: some manufacturers may not be able to provide a 500 KW (or above) natural gas generator that can come online in the Code required 10 Seconds for emergency power.)
3. Either of these size generator configurations will have negative implications for the natural gas fuel service size and the utility company's ability to provide such a service, if at all possible.
4. Further, the physical space allotted for the generator would need to increase in size and structural capacities of the building, if possible.
5. Referencing the Generator Allowance: "The Emergency Generator Allowance is provided for the cost to increase the capacity of the emergency generator system and associated elements to accommodate additional loads beyond those specified in the Design-Build Information Package, if required by the Authority."
6. The specifications comingle the terms "emergency" and "stand-by" power requirements. In accordance with Code, the emergency generator is needed for life-safety equipment within the building only, which the power demand is relatively low. Standby power is at the option of the occupants to power equipment that is not related to life-safety.
7. Based on the interpretation of the specifications, this RFI requests a review of the specification and confirmation of the sizing impact of the generators. In order to provide a cost competitive response to the request for proposal, the SDA should provide the generator size by which all prospective bidder are required to make available. Please provide a specific size for the stand-by generator for design purposes and clarify the Emergency Generator Allowance to add capacity for non-life-safety loads.



- Response:
1. The Authority is unable to validate the provided calculations but believes that the projected generator size may be too large.
  2. It is the responsibility of the Design-Builder to determine the number and size of generators necessary to meet code and project requirements.
  3. SDA has confirmed that more than sufficient natural gas capacity exists to meet project requirements including power generation requirements.
  4. It is the responsibility of the Design-Builder to determine the number and size of generators necessary to meet code and project requirements and to physically account for them in its design.
  5. No response is required.
  6. No question is posed, so no response is required, but it should be recognized that the use of the term "Emergency" to describe power zones is arbitrary and shouldn't be interpreted as more than that.
  7. Final sizing and selection of power generators is dependent upon calculated equipment loads which may vary based upon the design approach and equipment selections, which are the responsibility of the Design-Builder and cannot therefore be provided by the Authority.

9. Question: Based on the Building Sections (A-301), and Interior Elevations (A-401, and A-402) a "majority" of the corridors have a ceiling height of 9' -6" and 12' -0". This is above and beyond what other design build projects have shown. Did the SDA consider that typically above the corridor is where the majority of the services are run and with a 16' floor to floor height, once you account for floor construction, fireproofing, and steel framing, light fixtures, etc. that the plenum space will be greatly reduced? Can the corridors be reduced in height? If so, what would be an acceptable height? Please confirm design intent.

Response: See response to Item E.7. above.

10. Question: Contract Specification D2010.20, II, D requires that each of the six (6) Domestic Water Heating Zones, depicted in Figure D2010.20-1, be provided with two (2) gas fired condensing type water heaters with storage tanks. In addition, Contract Specification D2010.20, I,B,2 and 3 require for those water heaters to be located in a room within each Heating Zone, and for each of the two (2) water heaters to be sized for 100% domestic hot water demand in the respective Heating Zone (100% back up capacity).

In reviewing the mechanical room allocation in Contract Drawings, A-101 to A-103, it does not appear that sufficient mechanical rooms were factored in the Bridge Design Drawings to house those two (2) domestic hot water heaters in each of the six (6) Domestic Water Heating Zones.

For instance, there is no mechanical room for the two (2) domestic water heaters required for Domestic Water Heating Zones #5 and #6. In order to quantify in the bid the cost for domestic hot water piping associated with each of the six (6) Heating Zones, the following information is required:

- a. Mechanical room location for each of the six (6) Domestic Water Heating Zones.
- b. Verify that two (2) domestic water heaters at 100% capacity are required for ea. Heating Zone.
- c. Verify that each Domestic Hot Water Heating Zone is to be provided with two (2) circulating pumps as indicated in Contract Specification D2010.20 pages 5 of 10.

- Response:
- a. The drawings identify a number of mechanical and utility spaces throughout the building. The Design-Builder is responsible for utilizing these and for identifying others as locations for domestic hot water heaters and other equipment in a manner that provides building services as specified and required by code.
  - b. As specified, provide each Domestic Hot Water Zone with two water heaters, each sized for 100% of the Building Sector's requirement.
  - c. As specified, provide each Domestic Hot Water Zone with two circulating pumps.

11. Question: Clarify the intent of the "Water Pump Transformer" Room located adjacent to the Main Electrical Room #D130.

Response: This room has been provided in the event that the electrical utility requires a separate transformer for the fire pump.

12. Question: Contract Specification D3000.00, I, A, 9, b, (3), (b) (on page 3 of 28) requires for all air curtains to be gas operated systems. Are the air currents required by Contract Specification D3000.00, I, A, 9, d, (13), (b) (on page 14 of 28) for all entrances and exits without vestibules to be gas operated air curtains, or shall hot water or electric air curtains be considered for those areas? If hot water air curtains are to be utilized in those areas, shall the hot water supply to those units have 30% propylene glycol?

Response: See Item B.3.d. above regarding renumbering of paragraphs in this Section. Also see Item B.3.e. for revisions to Section D3000.00 current Paragraph I.A.9.b.(3)(b). In accordance with Section D3000.00 Paragraph II.K, air curtains shall have hot water heating coils unless indicated otherwise and, in accordance with Paragraph I.A.9.d.(3)(c) (on page 10 of 28; renumbered to I.A.9.d.(11)(c)), gas-fired air curtains shall be provided at each garage door in the Automotive Lab.

13. Question: Contract Specification D5040.30, I, B, 4 refers to Contract Specifications C1000.00 for the lighting requirements in rooms with exposed ceilings. In reviewing Contracts Specification C1000.00, there are no specific lighting requirements for rooms with exposed ceilings.

Response: See C1000.00 I.B.5.a.(4).

14. Question: The dimensions for the kitchen exhaust hood indicated in Contract Specification E1030.80, II, D, 9 do not coordinate with the scaled dimensions obtained from Contract Drawing AK-101.

Response: Section E1030.80 Paragraph II.D.9.(1) describes the plan dimensions of the hoods as “approximate length and depth as shown.” There is no conflict with drawing AK-101. Provide hood dimensions as required by code.

15. Question: What are the dimensions for the five (5) hood exhausts required in the Culinary Arts Lab #B233?

Response: Seven hoods are required: One for each student station and one for the teacher’s station. See the added Drawing AK-102, attached hereto as Attachments 8.11 (pdf) and 8.16 (dwfx), for the approximate dimensions of the kitchen exhaust hoods located in the Culinary Arts Lab.

16. Question: Contract Specification D3000.00, I, A, 9, (d), (4), (b), (i), in page 10 of 28 requires for each of the five (5) exhaust hoods in the Culinary Arts Lab #B233 to be provided with a roof-mounted DX cooling, gas fired, make up air handling unit. In reviewing the quantity of roof mounted make-up air units in Contract Drawing A-104 for the roof area that the makeup air units for the hood in the Food Service Kitchen #D123 and Culinary Arts Lab #B233 are to be located, there are only a total of two (2) make up air units indicated in the Contract Drawings for those six (6) hoods. In order to quantity in the bid the cost for quantity of makeup air handling units required for all hoods in this project, the following clarification is required:

- a. Are all five (5) hoods in the Culinary Arts Lab #B233 connected to a single make up air handling unit or to five (5) separate make up air units?
- b. If one (1) make up air handling unit is required for the Culinary Arts Lab #B233, provide revision to the “Description of Design Approach” on page 10 of 28 of Contract Specification D3000.00 for operation for five (5) hoods with one (1) make up air unit.

Response: a. Provide an independent exhaust and makeup air system for each hood in the Culinary Arts Lab, as specified in Section D3000.00 Paragraph I.A.9.d.(4)(b)(i) (renumbered to I.A.9.d.(12)(b)(i)) on Page 10 of 28.

- b. No revision will be made. See also revised Drawing A-104, included herewith as Attachment 8.09 (pdf) and 8.14 (dwfx).  
Note: Drawing A-104 is conceptual and does not indicate every piece of rooftop equipment.

17. Question: Confirm that the Automotive Lab #B136 requires three (3) separate types of heating system:
- a. Rooftop gas fired ventilators as indicated in Contract Specification D3000.00, page 9 of 28.
  - b. Gas fired unit heaters as indicated in Contract Specification D3000.00, page 10 of 28.
  - c. Gas fired air curtains as indicated in Contract Specification D3000.00, page 10 of 28.

Response: Confirmed.

18. Question: Contract Drawing C-05 does not indicate a requirement for sanitary drainage utilities at the East (Convery Boulevard Side) and South (Dorothy Avenue Side) of the proposed school, and only for sanitary drainage to be located along the West and North areas of the site. That sanitary drain concept for this project may necessitate the use of sewage ejector systems for the most remote sanitary drain zones in the building if one considers that the first floor has a total length of 878'-8" and width of 506'-8". In order to quantity in the bid the cost for underground piping associated with sanitary drainage for the proposed school building, the following information is required:
- a. Key invert elevations on Contract Drawing C-05 for the proposed sanitary drainage system.
  - b. If sewage ejector pumps are required, provide room locations for those pumps and specifications

Response: The elevation of the proposed sanitary connection in Chamberlain Ave can be determined from information contained in the Utility Report and used by the Design-Builder to establish the invert elevation of the proposed on-site sanitary manholes and associated sanitary connections. Based on a proposed First Floor Elevation of 86.5, the Authority anticipates gravity flow will suffice.

19. Question: Referencing Section 03010.00 Facility Fuel Systems, preliminary review of the specification's natural gas equipment redundant design and generator natural gas load for emergency and standby systems, identifies that there may not be enough capacity for the utility to provide. Has the NJSDA developed contingencies if in the event the service is unavailable? And, if so, provide a manner in which the prospective bidders are to proceed.

Response: No such contingencies are required. The Authority has confirmed that sufficient fuel gas capacity exists to meet Project requirements including power generation requirements.

20. Question: I have a question about the bid bond. As I read paragraph 5 on the Statement of Joint Venture:

This Statement of Joint Venture is executed so that the named Bidders may, under such joint venture, bid upon the work and improvement herein mentioned and may, if the successful bidder therefore, be awarded the contract for such work and improvement. Any bid, bond and contract relating to the work and improvement hereinafter specified shall be executed by any person authorized to bind any Bidder to this joint venture, and when so executed, shall bind this joint venture and each and every Bidder named herein, severally and jointly, simultaneous with the execution of the contract. The joint ventures shall designate and appoint a project supervisor to act in its true and lawful agent with full power and authority to go and perform any and all acts or things necessary to carry out the construction work set forth in said contract.

The bid bond can be in either one of the JV's names only, is that correct?

Response: Correct. For bids submitted by a Joint Venture, the accompanying bid bond may be submitted in the name of one or more of the joint venture partners identified in the Statement of Joint Venture submitted with the Project Rating Proposals. Note, however, that under section 6.2.1 of the RFP, the Price Proposal must be executed by the authorized representative of each member of the Joint Venture.

21. Question: Specification Section C1000.00 (I.C.3.a.4) notes to provide security glazing at Vestibule C100. Please clarify the following:

- a. Confirm that vestibules A100, B100, D1100, and D100F as shown on A-601 (A1) "do not" receive security glazing.
- b. For the various vestibules as shown on A-601 (A1) confirm that the 'only' aluminum doors to receive security glazing are the aluminum doors associated with Vestibule C200.
- c. Confirm if vestibule C-100 doors and sidelights will require blackout shades since they are listed as receiving security glazing per spec section C1000.00

Response:

- a. See Item B.3.b. above. Security glazing is not required at vestibules A100, B100, or D100F.
- b. There is no Vestibule C200. See Paragraph a, immediately above. Interior door types AL1 and AL4 both require security glazing in both the doors and sidelites.

- c. Vestibules C100 and D100 are not occupiable spaces and do not require shades. See C1000.00 I.C.3.d.

22. Question: Interior Fixed window HF11 is noted to be utilized in Automotive Teachers office B136E, and Automotive Classroom B136F. Floor plan A-101 shows teachers office as having a 10'-0" wide window with 3 vertical mullions, and the adjacent automotive classrooms as having (2) 6'-8" wide windows with 1 vertical mullion. Please clarify.

Response: Two interior windows, each approximately 6'-8" wide with one vertical intermediate mullion each, are required between Rooms B136F Automotive Classroom and B136 Automotive Lab. See revised Drawing A-601, included herewith as Attachments 8.10 (pdf) and 8.15 (dwfx).

23. Question: Interior Fixed window HF9 is noted to be utilized in the 2nd floor Auditorium Control room. Floor plan A-102 shows a 'sliding' window for the south wall (non-45 degree), whereas A-601 notes the window to be 'fixed'. Please clarify.

Response: Control Room D220A has been deleted from the Project. See Addendum No. 7, Item E.101. Interior window HF9 is not used. See revised Drawing A-601, included herewith as Attachments 8.10 (pdf) and 8.15 (dwfx).

24. Question: Interior Fixed window HF8 is noted to be utilized in the 1st and 2nd floor Auditorium Control rooms. Floor Plan A-101 shows a 10'-4" wide window with a central fixed glazed panel flanked by 2 sliding units on either side. Floor plan A-102 shows a 13'-0 wide window (45 degree) divided as 2 sliding windows without a central fixed glazed panel. Both control rooms have different window types whereas A-601 noted this window to be 'fixed', and has only 3 segments. Please clarify.

Response: Interior window type AL3 is required between Control Room D113 and D119 Auditorium. See revised Drawing A-601, included herewith as Attachments 8.10 (pdf) and 8.15 (dwfx). Regarding Control Room D220A, see Item E.23 immediately above.

25. Question: Interior Fixed window HF8 is noted to be utilized in the 2nd floor Communications Broadcasting Lab Control room C209A. Floor plan A-102 shows (2) 11'-0 'fixed' wide windows divided into 2 segments whereas drawing A-601 notes this window as having 3 segments. Please clarify.

Response: Two interior windows with one vertical intermediate mullion each are required between Communications/Broadcasting Lab C209, Corridor C200D and Control Room C209A. See revised Drawing A-601, included herewith as Attachments 8.10 (pdf) and 8.15 (dwfx).

26. Question: Interior Fixed window HF7 is noted to be utilized in various locations. All locations (with the exception of Sound Booth (C117A) show this window type as being 4'-0" wide. Sound Booth C117A shows a 6'-8" wide window. Please clarify.
- Response: Interior windows, each approximately 6'-8" wide, are required as indicated between Vocal Music Room C117, Sound Booth C117A, MIDI/Keyboard Lab C118, Instrumental Music Room C124, and Control Room C118B. Interior window type HF7A has been added to the revised Drawing A-601, included herewith as Attachments 8.10 (pdf) and 8.15 (dwfx).
27. Question: Anytime both PE office doors (D-105 and D-105) open into the corridor one has clear sightlines to the changing/locker rooms through the interior windows. Same applies to PE offices (D116B), and (D116E) from the gymnasium side. Confirm this is the design intent.
- Response: See revised DOE Room Layout E-88, included herewith as Attachment 8.03, and revised Drawing A-101, included herewith as Attachments 8.07 (pdf) and 8.12 (dwfx).
28. Question: On March 18, 2019 Senate, No. 2454 pas passed into law. This bill revised prevailing wage requirements for certain fabrication. It further expanded the meaning of "Custom Fabrication". See attached bill. Although we do not believe this applies to steel fabrication for buildings which get erected in the field utilizing PW rates, the definition is vague and can have a considerable cost impact on every project. Several steel fabricators have asked for an interpretation of this new law, but we have yet to receive an explanation or determination as to whether this applies to steel fabrication. There is also no Prevailing wage rate for steel fabrication. The only published rates are for Steel ironworkers for field labor which is what is utilized for all workers in the field to install the steel. Should this new law be required for offsite steel fabrication, the fabrication cost (excluding material and erection) to the project will be almost 3-fold. Please confirm that off-site steel fabrication is not required to be done with PW rates.
- Response: Pursuant to Section 16.7.1 of the Agreement, the Design-Builder must comply with all Legal Requirements. Bidders should consult with their legal counsel for determination of the applicability of the referenced law. NJSDA is unable to provide Bidders with legal advice on this matter.
29. Question: The traffic study recommends widening and restriping the Chamberlain Avenue approach to Convery Boulevard to provide a separate left turn lane and a separate right turn lane, however, the plans do not show the striping nor does the plan show proper transition areas to the west of the proposed Chamberlain Avenue Driveway to properly transition into the widened approach. Are the bridging documents being revised to show

proper design and widening associated with the recommendation in the traffic study?

Response: The “Traffic Impact Analysis For Proposed High School” did not conclude that roadway modifications were necessary. The additional turn lane was a request by the City of Perth Amboy Emergency Services review. As a compliant transition is not possible within the distance allowed, the Design-Builder will need to secure a related variance and approval for this construction. To minimize offsite improvements by the Authority, the City will provide the striping.

30. Question: Is ceramic frit or coatings allowable as a glazing option the alter the shading coefficient?

Response: No.

31. Question: Contract Specification D5010.10, I, A, 1, c requires for the building to be divided into three (3) utility zones: One Emergency Utility Zone and Two Standard Utility Zones. Contract Specification D5010.10, I, A, 1, c, (1) requires that emergency circuits for spaces that are not located in the Emergency Utility Zone to be assigned to one of the two (2) Standard Utility Zones. In order to determine the size and quantity of emergency generators for this project, and therefore, the bid price for emergency generators and associated emergency power distribution, the following information is required:

- a. Are the two (2) emergency generators required to be of equal capacity?
- b. Verify that a total of six (6) Automatic Transfer Switches (ATS) are required for life safety and non-life safety electrical loads for the three (3) utility zones (one Emergency and two Standard Utility Zones).

Response:

- a. As stated in the Performance Specifications, a minimum of two generators must be provided to service the entire building. All generators shall be of equal size.
- b. Two transfer switches are required for each of the three Utility Zones.

32. Question: Contract Specification D7050.00 is not clear in the requirements to install water, electric and gas sub-meters that must be integrated to the Automatic Temperature Control System (ATC) for tracking utility usage in this building. In order to quantify in the bid the cost for all required sub-meters for this project, provide information as to where and/or what systems are required to have:

- a. Water sub-meters
- b. Gas sub-meter



c. Electrical sub-meters (watt meters).

Response: The bidder's reference to D7050.00 appears to be erroneous. As regards requirements for sub-metering, see Section D5000.00 Paragraphs I.A.4 and I.A.5. In addition, in accordance with Section PS1030.00 Paragraph I.A.5.b., the Design-Builder may elect to provide additional water and energy metering toward LEED certification credits.

33. Question: The description for the internal components of variable air volume air handling units in Contract Specification D3000.00, I, A, 9, d, (9), (a), in page 7 of 28 for Type B HVAC systems, do not require an integral energy recovery wheel for that type of air handling unit. Verify that an integral energy recovery enthalpy wheel is not required for variable air volume rooftop air handling units.

Response: Provide energy recovery wheels as required to meet all code requirements, including IECC and ASHRAE 90.1, and all other Project requirements.

34. Question: If NJDEP rate reductions can be achieved, are roof connections permitted to be connected directly into the bypass drainage pipe instead of being routed to the underground detention basins?

Response: Bidders should assume that rate reductions can NOT be achieved. The Design-Builder shall be responsible for the stormwater design in a manner consistent with the Authority's specified requirements and all applicable codes.

35. Question: Referencing the height of the gymnasium, the DBIP shows the roof structure to be 32- ft. However, according to the DCA's N.J.A.C. 6A:26-6, 6A:26-8 and N.J.A.C. 5:23-3.IIA regulations for a specified gymnasium clear ceiling height of 22-feet above the finished floor, the scoreboard height (5-feet), together with a structural roof truss system of 8-feet, the roof height will be approximately 35-ft. plus. This RFI requests whether (as on previous projects) the 5-ft high scoreboard can be moved from the center of the gymnasium and placed on the walls so as to maintain the recommended roof height by saving the added 5-ft. for the scoreboard.

Response: The scoreboard cannot be relocated. Adjust the height and/or depth of the roof structure as necessary to accommodate the scoreboard as indicated.

36. Question: Is the intent of the contract documents to have the emergency generators, chillers and boilers required for this project to have one (1) emergency generator, one (1) chiller and a group of boilers and associated distribution systems completely dedicated for the Emergency Utility Zone (EUZ) depicted in Figure D5010.10-1 of Contract Specification Section D5010.10?

Response: No, that is not the intent. Regarding generators, refer to response to Items E.8. and E.31. above. Regarding boilers and chillers, there is no

requirement to dedicate boilers or chillers to a specific Utility Zone. Refer to Specification Sections D3020.00 and D3030.00.

37. Question: A traditional exterior wall assembly includes gypsum sheathing with an air/vapor barrier applied over top of the sheathing. Products now are in use that combine these two systems in the factory in lieu of in the field. An example of such a product is Securerock ExoAir offered by USG and Tremco. This system is identical to the traditional installation with the exception of a portion of the work being performed in the factory rather than the field. Please advise if such a system would be acceptable for use on this project are located within a close range to the walkway and thus provide a visual connection and can allow someone to see if the spaces are occupied.

Response: In order for the Authority to consider such a request prior to receipt of proposals, a Bidder must submit the proposed product(s) as a Proposed Equal in accordance with Section 6.1.8 of the RFP. Alternatively, the selected Design-Builder may submit a Variance Request, in accordance with the requirements of SDA Materials and Systems Standards and/or a Substitution Request in accordance with Specifications Section 01600 for consideration by the Authority after award of the contract.

38. Question: Please confirm if any PARCS equipment will be required for this project?

Response: The question cannot be answered because the meaning of “PARCS equipment” is not understood by the Authority.

#### **F. CHANGES TO PREVIOUS ADDENDA:**

1. **DELETE:** In Addendum #2 dated May 24, 2019, delete the following in Paragraph B.2.b.:

*(6) Payment of all associated costs and connection fees.*

2. **MODIFY:** In Addendum #5 dated June 28, 2019, modify Item B.2.b. as follows. See also Item B.1.c. above.

**b. ADD:** In Section C2000.00, Finishes, add Paragraph II.K.3. as follows **and renumber subsequent items accordingly:**

*3. Provide written certifications from both manufacturer and installer that floor system and accessories, including without limitation resilient sheet, poured topcoat, color coat, and all catalysts and adhesives are 100% free of mercury and other heavy metals.*

*a. Coordinate with the Authority's Construction Manager for on-site sampling and testing of materials prior to application*

#### **3. Flooring Certifications and Testing**

**a. Comply with flooring certification and testing requirements specified in the Design-Build Agreement.**

3. **DELETE:** In Addendum #6 dated July 12, 2019, delete the response to Item E.90, which is superseded by Item E.7 above.
4. **MODIFY:** In Addendum #7 dated July 29, 2019, modify the response to Item E.23 as follows:

*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. **Irrespective of LEED certification, the Design-Builder is required to comply with one of the two flush-out options as specified.***

**G. ATTACHMENTS**


- Attachment 8.01 Price Proposal, revised August 9, 2019.
- Attachment 8.02 Drawing E44, Culinary Arts Lab Room Layout & Fitout List, August 9, 2019.
- Attachment 8.03 Drawing E88, PE Office/Locker Room Room Layout & Fitout List, August 9, 2019.
- Attachment 8.04 DOE Drawing A-101, First Floor Plan, August 9, 2019.
- Attachment 8.05 DOE Drawing A-102, Second Floor Plan, August 9, 2019.
- Attachment 8.06 DOE Drawing A-103, Third Floor Plan, August 9, 2019.
- Attachment 8.07 Drawing A-101, First Floor Plan, August 9, 2019 (pdf).
- Attachment 8.08 Drawing A-102, Second Floor Plan, August 9, 2019 (pdf).
- Attachment 8.09 Drawing A-104, Roof Plan, August 9, 2019 (pdf).
- Attachment 8.10 Drawing A-601, Interior Door and Window Elevations, August 9, 2019 (pdf).
- Attachment 8.11 Drawing AK-102, Culinary Arts Lab Plan, August 9, 2019 (pdf).
- Attachment 8.12 Drawing A-101, First Floor Plan, August 9, 2019 (dwfx).
- Attachment 8.13 Drawing A-102, Second Floor Plan, August 9, 2019 (dwfx).
- Attachment 8.14 Drawing A-104, Roof Plan, August 9, 2019 (dwfx).
- Attachment 8.15 Drawing A-601, Interior Door and Window Elevations, August 9, 2019 (dwfx).
- Attachment 8.16 Drawing AK-102, Culinary Arts Lab Plan, August 9, 2019 (dwfx).

**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. 8**

  
\_\_\_\_\_  
NJSDA  
Program Director

  
\_\_\_\_\_  
Date

---

**Addendum No. 8**

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

**DATE:** August 9, 2019

**PROJECT #:** ET-0099-B01

**DESCRIPTION:** New Perth Amboy High School  
Addendum No. 8

**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](mailto: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