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## Addendum No. 2

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

**DATE:** May 24, 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.

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**A. CHANGES TO THE PROCUREMENT PROCESS:**

(Not applicable)

**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 1.2.J. as follows:

J. Existing Conditions/Post Demolition Site Conditions Report,  
~~December 5, 2018~~ **December 27, 2019.**

**b. ADD:** In Section 01010, Summary of Work, add Paragraph 1.3.B.3.a. as follows:

**a. The Design-Builder is responsible for relocation of the existing sanitary and storm sewers and the relocation and processing of related property easements and all associated costs, specifically including the following:**

**i. Communications with the existing utility providers, and payment of all fees and expenses charged by them.**

- ii. Securing necessary documentation and authorizations from the existing utility providers, including obtaining all signatures as required to memorialize the relocated easements.
- iii. Preparing and providing the appropriate metes and bounds descriptions and certified drawings of the new, "as built" sewer line easement for purposes of creating the easement of record, by a New Jersey Licensed Surveyor.

The Authority's role is limited to the preparation of the legal easement documentation and recording the same with the Middlesex County Clerk, and for payment of the associated recording fee to the County.

## 2. Modifications to the Performance Specifications

- a. **REPLACE:** In Section B2010.00, Exterior Walls, replace Table B2010.00-1 with updated Table B2010.00-1, included herewith as Attachment A2.02.
- b. **MODIFY:** In Section D6000.00, Communications, modify Paragraphs I.C.2.a. and b. as follows
  - a. In addition to other service utilities, provide **the following** *service entrance cabling and equipment* for Wide Area Network service *provider*, telephone (POTS) **service provider**, and all other data systems as specified:-
    - (1) **Coordination with utilities to complete utility pole relocation as indicated.**
    - (2) **A minimum of two 4" conduits from poles to MDF Room for current services.**
    - (3) **Two additional 4" conduits** from poles to MDF Room for future fiber communication lines and telephone/cable lines.
    - (4) **Pull wires, transitions, termination blocks, and other equipment and accessories necessary to establish service.**
    - (5) **Coordination with Project School District and local service providers for pulling of cables, terminations, start-up, and all other installation requirements.**
    - (6) **Payment of all associated costs and connection fees.**
- c. **ADD:** In Section E1070.00, Entertainment and Recreational Equipment, add Paragraph I.F. as follows
  - F. **Provide complete, dimensioned reflected ceiling plans and sections for each space with ceiling-mounted or -hung equipment at the Preliminary Design Phase in accordance with Section C1000.00. Show all fixed and moveable fixtures and equipment, as well as**

**operational and service access requirements and clearances. Indicate all structural elements, ductwork, HVAC, plumbing and electrical equipment. Eliminate all conflicts.**

d. **ADD:** In Section E1070.00, Entertainment and Recreational Equipment, add Paragraph II.B.1.a. and renumber subsequent items accordingly:

a. **Provide a complete, three-dimensional sightline analysis of the Auditorium and Stage by theater design consultant in accordance with industry standards, to determine such design parameters as sightline quality, room geometry, seating layout, backstage circulation, and equipment and drapery placement, numbers and sizes.**

e. **MODIFY:** In Section E1070.00, modify Paragraph II.B.2.a.(3), Fabric Schedule, as follows:

<i>Description</i>	<i>Quantity</i>	<i>Height (Note 1)</i>	<i>Width (Note 1)</i>	<i>Fullness</i>	<i>Fabric</i>	<i>Lining</i>
Main Valance	1	8 ft.	<del>54 ft.</del> 52 ft.	60%	A	B
Main Traveler	2	<del>30 ft.</del> 27 ft.	<del>32 ft.</del> 28 ft.	60%	A	B
Cyc Borders	5	8 ft.	<del>54 ft.</del> 52 ft.	60%	A	-
Cyc Legs	6	<del>30 ft.</del> 27 ft.	<del>32 ft.</del> 28 ft.	60%	A	-
Mid Traveler	2	<del>30 ft.</del> 27 ft.	<del>32 ft.</del> 28 ft.	60%	A	-
Rear Traveler	2	<del>30 ft.</del> 27 ft.	<del>32 ft.</del> 28 ft.	60%	A	-
<b><u>Fire Curtain</u></b>	<b><u>1</u></b>	<b><u>As required by code</u></b>				

Note 1: Sizes listed are minimums. Final sizes shall be determined by the Theater Design Consultant based on final sightline analysis.

f. **MODIFY:** In Section E1070.00, Entertainment and Recreational Equipment, modify Paragraph II.B.3. as follows:

3. Dead-Hung **and Motorized** Rigging

a. Provide and install dead-hung **and motorized** rigging battens for the Main Valance, Main Traveler, Mid-Stage Traveler, and Rear Traveler curtains, **and elsewhere as required to support draperies, lighting, and other equipment in accordance with code and structural design.**

**b. All battens shall consist of minimum 1-1/2" schedule 40 steel pipe (1.9" o.d.).**

~~c.~~ All dead-hung battens shall include seven suspension points, each with a #798 beam clamp and appropriate length of 1/4" 7x19 **steel** cables (**minimum**), complete with necessary thimbles and copper nicopress ovals.

~~d.e.~~ Each suspension point shall include a 3/8" x 6" forged J/J turnbuckle connected to a 1-1/2" pipe batten via heavy-duty full pipe clamps.

~~e.d.~~ **Drapery** Hardware: 14-gauge galvanized steel track complete with all necessary accessories for manual traverse silent operation, including an adjustable tensioning floor block.

### 3. Modifications to the Design Manual

(Not applicable)

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

(Not applicable)

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

1. **REPLACE:** Replace Drawing C-02, Existing Conditions Plan, with revised Drawing C-02, Existing Conditions Plan, dated 5/22/19 and issued herewith as Attachment 2.04.

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

1. Question: Referencing recent SDA DBIP's the Design Studio has typically issued various (A-600 series) drawings showing both "exterior" and "interior" components.
  - a. The Perth Amboy package only includes drawing A-601 which shows only "interior items" limited to doors, coiling doors, borrowed lites and storefronts. In addition, none of the items on drawing A-601 are dimensioned. Is the D/B team supposed to scale the items for the various lengths and widths, or was a layer turned off? Please advise.
  - b. The Perth Amboy package does not appear to include any drawing(s) showing the "exterior" components such as curtain walls, storefronts, exterior doors, exterior windows etc. At a minimum there should be a schedule with dimensions for each component. Please advise.
  - c. Will the Design Studio issue updated A-600 drawings to clarify the times noted above?
  - d. The A-100 series floor plans do not include the following items: Door type designations, Window/Storefront type designations, room ceiling heights, and room occupant counts. Will the Design Studio issue updated A-100 series drawings to show these items? Please advise.

- Response: We presume that by “Design Studio” the bidder means the Authority.
- a. Sufficient information is provided in the Design-Build Information Package to determine the sizes of interior windows, doors, grilles, and gates. All items may be scaled using standard CAD software.
  - b. The dimensions of exterior windows, doors, grilles, louvers and vents can be determined from the elevations provided in the Design-Build Information Package. All items may be scaled using standard CAD software.
  - c. No.
  - d. No. Door, window and curtain wall types are in the Performance Specifications. Ceiling heights and occupant counts for educational purposes are included in the Educational Specifications.

2. Question: Confirmation is requested that the Authority will process and pay for all associated costs for the Legal responsibility for the processing of the property easements related to the Existing Conditions document ATI 3.06 Section 1.1 et.al.

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

3. Question: Editor comments (highlighted on page 3 of ATI 3.06) are made part of the document. Identify the purpose and provide an amended document to clarify the comments.

Response: See Attachment 2.03 for the December 27, 2018 version of the Existing Conditions/Post Demolition Site Conditions Report, which supersedes the December 5, 2018 version in its entirety.

4. Question: Editor comments (hidden on page 4 of ATI 3.06) are made part of the document. Identify the purpose and provide an amended document to clarify the comments. The hidden comment ; however, this is not a guarantee of condition for the Design-Builder” necessitates the SDA to create a contingency allowance for the potential cost and schedule impacts to the project. The District performed demolition services on the project site that are characterized by the Report as “attempts” that show “gaps in the associated documentation” that reveal that the District's contractual obligations were unfulfilled. As a responsive bidder for this publicly funded project, the D/B must be capable of providing the most cost competitive proposal. Please advise.

Response: See Attachment 2.03 for the December 27, 2018 version of the Existing Conditions/Post Demolition Site Conditions Report, which supersedes the December 5, 2018 version in its entirety.

5. Question: Editor comments {highlighted on page 5 of ATI 3.06) are made part of the document. Identify the purpose and provide an amended document to

clarify the comments. Comment is “Re-write with correct grammar.” including the hidden comment “potential” in the first sentence of paragraph 3.1. Please explain.

Response: See Attachment 2.03 for the December 27, 2018 version of the Existing Conditions/Post Demolition Site Conditions Report, which supersedes the December 5, 2018 version in its entirety.

6. Question: Water service is proposed being obtained from USA-PA. Confirmation is requested that all requirements related to water quality from the utility will meet the NJ Schools quality of water standards including “lead”. All associated costs to meet the standards will be the responsibility of the Authority and not the D/B. Please confirm.

Response: The Design-Builder’s responsibility in regard to this issue is limited to lead and particulate filtration in accordance with all Project requirements, including Section D2010.20, Domestic Water Equipment, Paragraph I.D.3. and all applicable codes.

7. Question: Storm report summary table lists HDPE piping used as the basis for calculation. Bridging drawings show RCP pipe. Please confirm the calculation is accurate to the design illustrated on the bridging drawings.

Response: The storm water conveyance calculation is based on nominal pipe sizes for the 25-year storm. Material type does not significantly impact the calculations, which were provided as a justification that a system can be designed for the Project and that, under these conditions, the schematic conveyance system would not be not at capacity. Actual pipe sizes vary by manufacturer and product. These calculations are schematic in nature and shall not be relied upon by the Design-Builder. The Design-Builder shall be responsible for the conveyance system design based on the applicable manufacturer and product utilized, noting the SDA’s piping requirements indicated in the Material and Systems Standards (RCP).

8. Question: Does the requirement for a clean utility corridor extend under the slab and into the street for connection?

Response: The clean corridor requirement shall apply to all utility trenches under the entire slab, throughout the site, and within the rights-of-way for utility connections.

9. Question: Does the Design Builder have to retain an LSRP for this project?

Response: Yes. The roles and responsibilities of the Design-Builder’s Environmental Consultant and LSRP are detailed in Section 2C of the Remedial Responsibilities Plan.

10. Question: Clarification is requested as to the compliance requirement for the IBC SECTION 1604 GENERAL DESIGN REQUIREMENTS (Specifically,

Table 1604.5) and the occupancy category and nature of occupancy status for the New High School. The clarification impacts the building's design of emergency systems and sizing for the emergency generator. Include whether there are multiple categories to be used and delineate specific areas requiring special conditions within the project.

Response: With respect to the cited reference, the entire building shall be classified in Risk Category III.

11. Question: Section 1010 Allowances Page 1 of 4 is missing.

Response: See complete Section 01020, Allowances, attached herewith as Attachment 2.01.

12. Question: Section 01410 Testing Laboratory Services 1.1 states that the D/B shall employ and pay for the services of an independent Testing Laboratory to convey Code inspections. Pursuant to IBC 2015 where (excerpt) "Section 1704.2 Special inspections and tests. Where application is made to the building official for construction of Class 1 buildings only or any building containing a smoke control system, the owner or the owner's authorized agent, other than the contractor, shall employ one or more approved agencies to provide special inspections and tests during construction on the types of work specified in Section 1705 and identify the approved agencies to the building official." This RFI request SDA's confirmation and acknowledgement as to the manner in which to proceed regarding that the SDA's specification is in direct conflict with the IBC.

Response: Paragraph 5.3 of the Design-Build Agreement states, "The Design-Builder shall bear the cost of material and equipment testing specifically required by Code, the Contract Documents, any manufacturer or supplier, and all other testing performed, **except for testing in support of N.J. Uniform Construction Code Special Inspections**, and such additional testing as may be requested by the Authority pursuant to Section 5.3.2 below [emphasis added].

13. Question: Referencing Section 01900 Commissioning, Confirmation is requested whether the LEED option for Enhanced Commissioning is a project requirement.

Response: The LEED option for Enhanced Commissioning is NOT a Project requirement. However, if the Design-Builder may pursue enhanced commissioning and shall bear all costs and responsibilities therefor.

14. Question: Referencing the Automotive Technology area, clarification is requested as to whether the area is considered a minor or major repair garage with regard to the National Electrical Code classification of this area. Will any hazardous/flammable/explosive materials be stored in this area?

Response: For the purpose of the National Electrical Code, the Automotive Lab shall be classified a “major repair garage.”

Storage, in a controlled area encompassing rooms B136 Automotive Lab, B136A Flammable Storage, and B136B Material Storage, of hazardous materials posing either a physical or health hazard, will be limited to no more than the maximum allowable quantities without the assignment of an H (high hazard) use group established by the International Code Council, International Building Code, New Jersey Edition, 2015, Tables 307.1(1) and (2).

15. Question: Referencing Section A 1000.00 “E-1”, Geotechnical Program, will the SDA allow and provide signed and sealed the use of the existing geotechnical report as part of the program submissions?

Response: No.

16. Question: Referencing Section A6020.20 Radon, Section 1-A,5, Confirmation is requested that in the event an active RM/SSDS system becomes necessary at any point in time, the SDA will make and pay for all necessary conversions.

Response: Confirmed, except that “The Design-Builder shall install electric service to each vent pipe location in an unoccupied space to allow conversion (if necessary) to an active system through future installation of a fan or blower.” (Section A6020.20, Paragraph III.H.) The Authority will bear all costs of conversion in the event that conversion becomes necessary during construction or the warranty period.

17. Question: Referencing drawing C-05, typically the grease interceptor requires periodic maintenance. Confirmation that the proposed location is appropriate is requested and acknowledgement that maintenance staff and equipment vehicles will access the proposed area as designed which is a Bus Drop Off Area. Note that there are no callouts for reinforced concrete and the trap is installed within a standard pedestrian sidewalk width where access covers will have foot traffic.

Response: Confirmed.

18. Question: Referencing drawing C-05, confirmation is requested that, as depicted, the gas meter area is a chain link fence area where the exterior of building incoming gas train is located. The proximity to the Stair B5 and adjoining window/exit doors is of a safety concern and should be evaluated by the Authority. Acknowledge whether the Gas Utility Company have evaluated its location with the incoming pressures.

Response: Confirmed.



19. Question: Referencing drawing C-05, the high pressure gas service for distribution to the equipment will require a large diameter pipe mounted on the surface of the building as it travels to all the rooftop equipment. High pressure gas service lines are prohibited from travel through the interior of the building. Acknowledgement is requested.

Response: Acknowledged.

20. Question: Referencing Section 01010.00, Elevators, will the SDA allow the use of hydraulic elevators?

Response: No. Provide elevators with machine-room-less traction operation as specified in the Design-Build Information Package.

21. Question: Referencing Section D3010.00 Facility Fuel Service, provide confirmation of the design of the master gas shut off valve and its operation with the fire alarm system. As written, in an alarm mode the gas service will be shut-off to all equipment including the emergency generators. Acknowledgement requested.

Response: Incorrect. Emergency gas shut-off valves shall only shut off gas service for the rooms in which they are located. There is no “master” emergency gas shut-off valve shutting off gas service to the entire building.

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

(Not applicable)

#### **G. ATTACHMENTS**


- |                 |   |
|-----------------|---|
| Attachment 2.01 | Section 01020 Allowances, 03/31/17.   |
| Attachment 2.02 | Table B2010.00-1, Schedule of Masonry Types, May 23, 2019.                    |
| Attachment 2.03 | Existing Conditions/Post Demolition Site Conditions Report, December 27, 2018 |
| Attachment 2.04 | Drawing C-02, Existing Conditions Plan, revised 05/22/19.                     |

**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. 2**

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

5/24/19  
\_\_\_\_\_  
Date



**Addendum No. 2**

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

**DATE:** May 24, 2019

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

**DESCRIPTION:** New Perth Amboy High School  
Addendum No. 2

**Acknowledgement of Receipt of Addendum**

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via email to 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