



Addendum #7

New Jersey Schools Development Authority
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Date: December 18, 2015
PROJECT #: WT-0022-B01
New Trenton Central High School
Trenton Public Schools

DESCRIPTION: Addendum #7

This addendum shall be considered part of the Design-Build Information Package issued in connection with the referenced project. Should information contained in this Addendum conflict with the Design-Build Information Package, this Addendum shall supersede the relevant information in the Design-Build Information Package.

A. CHANGES TO THE PROCUREMENT PROCESS:

- 1. 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. Volume 1 Procedural Specifications

a. **MODIFY:** Section 01010, Summary of Work – Subsection 1.7.2, modify as follows:

- 2. **Temporary Field Office(s):** Keep this area serving the Project clear and available to the Authority and emergency vehicles at all times. Do not use this area for storage of materials. Provide sufficient paved temporary parking for no less than 10 vehicles. ~~*These offices are already existing and permitted through the NJDCA. The*~~

Design Builder will assume responsibility from the demolition contractor including but not limited to; all costs for rental, furnishings, high speed internet service, utilities, temporary facilities, cleaning, maintenance, and removal for the length of the project in accordance with Section 01500

2. Volume 3 DOE Approved Documents – Educational Specifications

- a. **REPLACE:** Educational Specifications, Room Area Calculations pages B-8, B-9, B-10, C-8, C-55, E-4, E-5 and E-49, dated 09/22/2015, with Revised pages B-8, B-9, B-10, C-8, C-55, E-4, E-5 and E-49, dated 12/18/2015, issued herewith as Attachments 7.1 – 7.8. All other plans, sections and elevations are modified accordingly by implication.

C. CHANGES TO THE PERFORMANCE SPECIFICATIONS:

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

1. Volume 1 Division 1 General Requirements

- a. **ADD:** In Section 01900, Commissioning, add Paragraph 3.2.E. as follows:

E. Other Systems

1. **Swimming pool water system, space conditioning system, boiler and controls.**
2. **Vehicle exhaust capture system.**
3. **Vehicle lifts.**
4. **Vehicle engine crane.**
5. **Compressed air system(s).**
6. **Instructional hoods.**
7. **Dust collection system(s).**
8. **Fume extraction system(s).**
9. **Stage equipment.**
10. **Television studio equipment.**
11. **Digital audio lab equipment.**

2. Volume 2 Performance Specifications

- a. **MODIFY:** In Section B2010.00, Exterior Walls, modify Paragraphs. II.A.1. through 6. as follows:
1. Brick
 - a. B-1: Interstate Brick.
 - (1) Color: Terra Cotta L-4.
 - (2) Finish: Matte.
 - (3) Typical size: nominal 4" x 4" x 8".
 - (4) Placement: Running bond.
 - b. B-1a: Interstate Brick.
 - (1) Color: Terra Cotta L-4.
 - (2) Finish: Matte.
 - (3) Typical size: nominal ~~4" x 8" x 8"~~ 4" x 4" x 8".
 - (4) Placement: Stack bond.
 - c. B-2: Interstate Brick.
 - (1) Color: Ash L-4.
 - (2) Finish: Matte.
 - (3) Typical size: nominal 4" x 8" x 8".
 - (4) Placement: Running bond.
 - d. B-3: Interstate Brick.
 - (1) Color: Ash L-4.
 - (2) Finish: Matte.
 - (3) Typical size: nominal 4" x 4" x 8".
 - (4) Placement: Running bond.
 - e. B-3a: Interstate Brick.
 - (1) Color: Ash L-4.
 - (2) Finish: Matte.
 - (3) Typical size: nominal 4" x 4" x 8".
 - (4) Placement: Stack bond.
 - f. B-4: Taylor Clay Products.
 - (1) Color: #320 Gray.
 - (2) Finish: Wirecut.
 - (3) Typical size: nominal ~~4" x 4" x 8"~~ 4" x 8" x 8".
 - (4) Placement: Running bond.

2. Cast Stone
 - a. C-1: Continental Cast Stone Inc.; color to match Brick Type B-3.
3. Mortar
 - a. MT-1: Lehigh Concrete Color: DBC111.
4. Aluminum Copings, Gutters and Leaders
 - a. ~~M-1: PPG Duranar XL three coat system complying with AAMA 2605 unless otherwise indicated; color to match Brick Type B-3~~
(See Section B3020.00, Roof Appurtenances).
5. Metal Panels **and Column Covers**
 - a. Basis of Design: Centria products as follows:
 - (1) M-2: Formawall Dimension Series; 2" thickness; color to match Brick Type B-3.
 - (2) Column covers: Centria Series 3000 in painted aluminum; color to match Brick Type B-3 for steel structure at main entrance instead of painted finish.**
6. Exposed ~~Steel~~ **Metal** Architectural Elements
 - a. ~~AS-1: PPG Duranar two coat system; color to match Brick Type B-4~~ **Stainless steel or clear anodized aluminum.**
 - b. ~~AS-2: PPG Duranar two coat system; color to be determined.~~

b. **ADD:** In Section B3020.00, Roof Appurtenances, add Paragraph II.H.7. (see Addendum #6) as follows:

7. Fabricate and assemble gutter and downspout system in close coordination with metal panels specified in Section B2010.00, Exterior Walls, Paragraph II.A.5., with same finish throughout.

c. **ADD:** In Section C1090.20, Information Specialties, add Paragraph I.B.4.c. as follows:

c. Provide one permanent "tornado" school logo on each identifying device throughout the school, in a design and color approved by the Project School District.

d. **ADD:** In Section C2000.00, Interior Finishes, add Paragraph II.A.2. as follows:

2. Provide depressed floor slab at ceramic tile locations to maintain finish floor level consistent with abutting materials.

a. Basis of Design for transition strips: Schiene model by Schluter Systems.

e. **ADD:** In Section D2010.20, Domestic Water Equipment, add Paragraph II.E. as follows:

E. Grease, Oil and Sand Interceptors

- a. **Provide heavy-duty, underslab commercial units where indicated and where required by code.**
- b. **Provide units with solid, locking, non-skid stainless steel or aluminum covers and frames.**

f. **ADD:** In Section D2010.60, Plumbing Fixtures, add Paragraph II.H.1.f. as follows:

- f. **Turret fixture with dual needle valves and cross handles, with natural gas supply.**
 - i. **Provide similar fixture at each fume hood and demonstration table.**
 - ii. **Provide keyed master gas shutoff in each Science Room that is equipped with gas supply.**

g. **DELETE:** In Section D2010.60, Plumbing Fixtures, delete Paragraph II.O.1.c. Provide manual flush valves throughout.

h. **ADD:** In Section D3000.00, Heating, Ventilation and Air Conditioning (HVAC), add Paragraph. I.A.9.d.(15) as follows:

(15) Other Systems

- (a) **Cosmetology Lab and Theatrical Cosmetology Lab: Provide each room with a code-compliant centralized fume and dust extraction system providing hard-ducted service to each manicure and pedicure station and as follows:**
 - (i) **Adjacent stations may be served by a common branch duct.**
 - (ii) **Conceal all ducts when run in occupiable spaces.**
 - (iii) **Locate floor-mounted units on floor of adjacent storage spaces.**
 - (iv) **Provide integral carbon filtration unit suitable for VOC fume filtration and automatic cleanable cartridge-type filtration suitable for acrylic and polymer dust collection.**
- (b) **Building Technology Lab: Provide a code-compliant, centralized hard-ducted system with exposed ductwork to a point 6'-0" above the floor for each piece of equipment and the following:**
 - (i) **Blast gate.**

- (ii) Cleanouts and access doors for full serviceability.
- (iii) Flame-retardant flexible hose from point of connection to equipment, or tabletop bracket to secure duct at times of operation.
- (iv) Basis of Design: Unimaster 250 by Donaldson Torit.
- (c) Air cleaners: Provide ceiling-mounted industrial media air cleaners with the following:
 - (i) Hanging brackets.
 - (ii) Silencer with non-directional grille.
 - (iii) Aluminum mesh pre-filter.
 - (iv) Pressure gauge and filter change indicator.
 - (v) 3-phase motor.
 - (vi) Basis of Design: Model M-30C by Air King.
 - (vii) Provide two units in Building Technology Lab, one unit in Engineering Lab and one unit in Electrical Technology Lab.
- (d) Vehicle exhaust capture system: See Section E1010.00, vehicle Servicing Equipment.
- (e) Provide all systems with the following:
 - (i) Coordination with local HVAC equipment.
 - (ii) Local interlock controls to provide exhaust whenever equipment is in operation, fully integrated with Building Management System to provide makeup air as required by code.

i. **ADD:** In Section D5030.10, Branch Circuits, add Paragraph. II.E. as follows:

E. Outdoor Receptacles

- 1. In addition to other outdoor receptacles specified, provide the following 120v, 20a circuits with weatherproof, ground-fault protected duplex receptacles with locking covers:
 - a. Outdoor Amphitheater: Provide 8 receptacles as follows:
 - (1) Raised platform rear: 3 receptacles equally spaced.
 - (2) Raised platform step: 3 receptacles equally spaced.
 - (3) Rear walls: 2 receptacles, adjacent to each ramp at grade level.
 - b. Cafeteria Courtyard (Outdoor Dining Area): 6 receptacles equally spaced on the south building wall and east wall facing paved area.

c. Public Event Area: 3 receptacles equally spaced on the south wall.

j. ADD: In Section E1010.10, Vehicle Servicing Equipment, add Paragraph. I.E.4. as follows:

4. Floor drains: Provide cast iron floor drains at each bay, connected to code-compliant sand interceptor and oil separator systems.

a. Slope floor to drains.

k. ADD: In Section E1010.10, Vehicle Servicing Equipment, add Paragraph. I.A.2.f. (see Addendum #6) as follows:

f. Engine crane.

l. ADD: In Section E1010.10, Vehicle Servicing Equipment, add Paragraph. II.F. (see Addendum #6) as follows:

F. Engine Crane

1. Provide a 3-ton hydraulic engine crane with adjustable leg and boom extensions.

2. Basis of Design: Model #93806 by Hein-Werner.

m. ADD: In Section E1040.10, Educational and Scientific Equipment, add Paragraphs II.B.1.b.(9) through (10) and modify Paragraphs II.B.2. and C.1. as follows:

(9) Removable front panel and interior cover plates for access to plumbing and electrical wiring.

(10) Rear Finish Panels.

(11) Gas Turret.

(12) Overhead demonstration camera.

2. Provide complete, code-compliant ventilation system(s) with remote blower(s) in accordance with requirements of Element D.

C. Demonstration Observation Cameras

1. Provide each laboratory fume hood and demonstration station with a ceiling-mounted high-definition digital camera with connection to school network, large-format display system and remote pan/tilt/zoom.

- n. **ADD:** In Section E1070.00, Entertainment and Recreational Equipment, add Paragraph II.E.1.d. (see Addendum #6) as follows:

d. Hard Cyclorama, Lighting Grids and Photo Backdrops (in Television Studio and elsewhere as specified)

(1) Provide a professionally constructed hard cyclorama as indicated.

(2) Provide professional grade lighting grids and photo backdrops.

(2) Basis of Design: Products of Advanced Studio Technologies.

- o. **ADD:** In Section E1070.00, Entertainment and Recreational Equipment, add Paragraph II.G. (see Addendum #6) as follows and renumber subsequent items accordingly:

G. Auditorium Sound System

1. Provide a complete, professional quality sound systems in the Auditorium, including, without limitation, the following:

a. Front-of house speakers.

b. Surround/reinforcement speakers.

c. Subwoofers.

d. Stage and booth monitors.

e. Lockable rack, bolted to the floor, with the following:

(1) Keyed power supply and power conditioner.

(2) Fan.

(3) Lighting.

f. Sound mixing board with minimum 24 channels.

g. Amplifiers, preamplifiers, feedback suppressors, mixers and equalizers.

h. Assisted-listening system, with 16 receiver/headset units.

i. Compact disc player/recorder.

j. Digital AM/FM receiver.

k. Inputs for multiple digital and analog sources.

l. Assorted microphones, including at a minimum the following:

(1) 2 cardioid condenser microphones.

(2) 2 tube condenser microphones.

(3) 2 drum microphone sets.

(4) 6 wireless handheld microphones.

(5) 12 wireless lavalier microphones.

(6) Receivers, stands, booms and accessories.

m. 2 audio headphone sets.

n. Stage production communication system, with control station and 12 headset/microphone units.

n. Cables (XLR and ¼"), connectors, patch panels, floor boxes and all accessories necessary for a complete theatrical production system.

o. Paging and emergency systems override.

2. Provide a matched, integrated system capable of providing sound pressure levels and frequency responses with minimum distortion levels throughout Auditorium, Stage and Booth as are consistent with professional industry standards.

3. Basis of Design for major components: Professional-grade products of the following:

a. Speakers and amplifiers: Bose, Tannoy, JBL or Electro-Voice.

b. Mixing boards: Mackie, Soundcraft or Allen & Heath.

c. Microphones and headphones: Blue, Shure or Sennheiser.

d. CD players/recorders and AM/FM receivers: Denon, Tascam or Sony.

p. **ADD:** In Section G3000.00, Liquid and Gas Site Utilities, add Paragraph II.D. as follows:

D. Utility Trenches

1. Provide concrete utility trenches where indicated, sufficiently wide to allow all piping to make 45-degree turns, and with the following:

a. Chemically resistant construction with sealed joints.

b. Solid, sealed, waterproof access covers, textured to prevent slipping in pedestrian areas, with frames and locks.

c. Anchoring system for pipes within.

d. Drainage system connected to stormwater system, with sump and pump if required for positive drainage.

D. CHANGES TO THE DRAWINGS:

1. **MODIFY:** MODIFY AI-101C PARTIAL FIRST FLOOR SECTOR C & D FINISH PLAN dated September 29, 2105 as MODIFIED by SHEET AI-101C PARTIAL FIRST FLOOR SECTOR C & D FINISH PLAN dated December 18, 2015 issued herewith as Attachment 7.9. All other plans, sections and elevations are modified accordingly by implication.
2. **MODIFY:** MODIFY Sheet A-303 BUILDING SECTION, dated September 29, 2015, as MODIFIED by SK-17 DETAIL B1/A303 PARTIAL BUILDING SECTION J-J THRU AMPHITHEATER/MEDIA CENTER THEATRICAL COSMETOLOGY LAB dated December 18, 2015 issued herewith as Attachment 7.10. All other plans, sections and elevations are modified accordingly by implication.

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

1. Question: On drawing A 101 there are two notes which indicate a utility trench with a reference to A101C and the performance specifications. However, there is no information provided on A101C for this referenced trench. Clarification is requested as to the purpose of the note on drawing A101 and the details. In addition, clarification is requested as to whether the design for the utility between the mechanical spaces to be can be a direct buried design in place of an undefined utility trench.

Answer: Direct burial is not acceptable. Utilities outside the building that connect indoor mechanical rooms shall be installed in trenches, refer to Addendum No. 7 Section C. Changes to Performance Specifications.

2. Question: Referencing AS-1 00 Site Plans, the project limit line demarcations are shown to include the sidewalk along Greenwood A venue, Chambers St., and Hamilton Avenue, while clearly depicting the existing Tennis Court as NIC. Access to the "Existing Building to Remain" is restricted around the project limit line. And, the configuration of the project limit line meanders around the 'existing building to remain'. Clarification to the following items is requested:
 - a. To what extent is the existing project site fence to remain upon NTP? Can the fence be used by the D/B as the demarcation line, or does a new fence need to be installed?
 - b. Are there any special requirements for the 'existing tennis court NIC' and confirm whether the space will have public access to it.
 - c. The meandering of the project limit line around the "existing building to remain" is to allow for the sanitary connection. Can the area surrounding the 'existing building to remain' be used for the D/B field office or for the field office for the NJSDA?

- d. Will the 'existing building to remain' require access or any special provisions?
- e. Confirm that the existing public parking lot is not restricted and can be used by the trade workers.
- f. Confirm that the drawing notes referring to gates shown on Greenwood Avenue and outside the project limit line are excluded from this project scope of work.
- g. Define the restoration work required for the parking lot and the driveway between the project site and field.
- h. Are there any special considerations required by the public for areas outside the project limit line?
- i. Confirm that there is no work outside the project limit line other than the restoration of the asphalt immediate to the curb line.
- J. Confirm that the municipality does not have any plans to perform roadway work which will prevent access or add cost to the project during the duration of the project.

Answer: General Response – Please see Revised Drawing AS-100 dated November 18, 2015, issued as part of Addendum No. 4, for revised contract limit line. Also refer to Procedural Specifications Section 01010 Summary of the Work paragraph 1.7 Design-Builder Use of the Premises as modified in prior addenda.

Specific Responses:

- a. See Addendum No. 6 Item B.2.g.
- b. Please refer to Section 01010 Summary of the Work - 1.7 Design-Builder Use of the Premises as modified by Addendum 4 Item B.3.g. The existing tennis courts are part of the athletic facilities discussed in that section.
- c. See Section 01010, 1.7.B.2 regarding arrangements for temporary field offices.
- d. Please refer to Section 01010 Summary of the Work - 1.7 Design-Builder Use of the Premises as modified by Addendum 4 Item B.3.g. The “Existing Building to Remain” (G Building) will be in use by the District throughout the term of this Project and the Design-Builder shall coordinate their work accordingly. Also see Addendum #6 regarding coordination of utility work.
- e. Please refer to Section 01010 Summary of the Work - 1.7 Design-Builder Use of the Premises. The existing parking lot is restricted and may not be used by the Design-Builder or trade workers.
- f. Please refer to Revised Drawing AS-100 and Please refer to Section 01010 Summary of the Work - 1.7 Design-Builder Use of the Premises as modified by Addendum 4 Item B.3.g.
- g. To the extent that existing paving, walks, curbs, and subgrade outside the Contract Limit must be removed, such work is subject to the requirements of Procedural Specifications Section 01130 Cutting and Patching.
- h. Please refer to Section 01010 Summary of the Work - 1.7 Design-Builder Use of the Premises.
- i. There is utility and other work as well as cutting and patching of existing paving, walks, curbs, and subgrade outside the Contract Limit Line. See Drawing AS-100 and other site/civil drawings and specifications.
- j. Although now such work is known to the SDA at this time, it is not possible to confirm this. It is the responsibility of the Design-Builder to schedule and coordinate their work in public roadways and right of ways with the associated municipal, state, or federal agencies over the term of the contract.

3. Question: Section 01010-Summary of Work, Article 1.4, appears to indicate that the Allowances include all costs, such as those related to design, purchasing, installation, trouble-shooting, etc., whereas Section 01020-Allowances, Article 1.5D, indicates that Allowance costs related to handling, protection, labor, installation, finishing, etc., are to be included in the base bid. Which is correct?

Answer: Article 1.4 of the Summary of Work includes allowances for Anticipated, Unquantified Work, the use of which are governed by Article 1.4 of Section 01020. Article 1.5 of Section 01020 applies to allowances for Products/Materials, of which there are currently none in this contract.

4. Question: Regarding salvaged items shown to be incorporated into the project, such as exterior light poles, exterior handrail, travertine veneer, light fixtures, mosaics, etc., please confirm that all such items shall be delivered to the site by others from storage locations provided by others, and at time of delivery shall be in a condition that will enable them to be readily incorporated into the new work at the project.

Answer: The Design-Builder is responsible for transport of such items which are currently off-site and for some refurbishing. Refer to Performance Specifications Section F3050.50 Salvaged Items included in Addendum #4 as Attachment 4.2.

5. Question: Clarification is requested whether all the work associated with the Fire pump and Emergency Responder System is excluded from the base bid and captured entirely with the allowances associated with them.

Answer: Verification and determination of the need for these items is part of the Design-Builder's basic Services and Work. In the event that it is determined and agreed that such items are required, all design and construction costs associated with the provision of them shall be compensated under the Allowance provisions of the Agreement.

6. Question: Clarification is requested as to whether the interior sound levels due to the emergency operation of the generator required to meet the project design goals for interior sound levels, or is the emergency operation of the generator exempt from the interior design goals similarly to the exception provided by the NJDEP for the exterior sound levels during the emergency operation.

Answer: The emergency generator is not exempt from Project acoustical performance requirements.

7. Question: Overhead doors are located in the wall of the Automotive Technology room. Are these doors required to meet the building envelope acoustical performance requirements, or are there any special considerations for this space? The minimum composite ANSI S-12.60 Outdoor-Indoor Transmission Class rating of OITC 35 cannot be practically achieved with a wall opening dominated by overhead doors.

Answer: Overhead doors in this area may be excluded from the Project building envelope acoustical performance criteria.

8. Question: Referencing Section D4010.10 Water Based Fire Suppression, clarification is requested as to the specific areas within the project where pre-action system are required as there are areas (such as, science rooms, storage, etc.) where there is insufficient information to determine its use.

Answer: Provide, as specified in Performance Specification Section D4010.10 Water Based Fire Suppression, and as required by Code.

9. Question: Referencing the educational specification for the Weight Room, the technology requirement for an "electronic sign-in" is not defined. Clarification is requested.

Answer: The electronic sign in system is anticipated to be a software application provided by the district. The Design-Builder shall be required to provide the necessary infrastructure for power, data, and network connection.

10. Question: Please confirm rooftop concrete acoustical equipment slabs are required to meet the acoustical performance criteria.

Answer: While this may be likely, a determination in this regard is dependent upon both the location and the performance of the specific equipment provided in the Design-Builder's final design.

11. Question: Volume 2, Section D2010.60 I.D.2 refers to wall mounted fixtures and carriers. Volume 2, D20 I 0.60 II A.l.b. refers to Floor mounted water closets. Please confirm that all water closets on the project are floor mounted.

Answer: Volume 2, D20 I 0.60 II A.l.b. referring to floor mounted water closets is correct. See also correction to Addendum No. 5 within Addendum No. 7.

12. Question: Fit-Out list E-35 Automotive Tech Lab-Stem lists Automotive Lifts to be provided by DB/GC; please provide specification for these units.

Answer: See Addendum #1, Attachment 1.3 Element E, Equipment and Furnishings.

13. Question: Fit-Out list E-56-Auditorium notes to provide fixed audience seating; please provide specification for these seats.

Answer: See Addendum #6, ADD to Section E2010.00, Fixed Furnishings.

14. Question: Fit-Out list E-61-Gymnasium notes to provide a 4 sided electronic scoreboard; please provide specification for this unit.

Answer: See Addendum #1, Attachment 1.3 Element E, Equipment and Furnishings Section E1070.00.II.D.3.a Scoreboard and Shot Clocks.

15. Question: Fit-Out list E-87-Office Supply Storage notes to provide a safe; please provide specification for this item.
- Answer: See Addendum #6, ADD to C1090.70, Storage Specialties
16. Question: Detail A3/A-301 shows painted perforated acoustical metal panels in the Auditorium; please provide specification for this material.
- Answer: See Addendum #6, ADD to C2000.00, Interior Finishes.
17. Question: Detail C 11 A-30 1 shows wood veneered panels and reflector boards in the Auditorium; please provide specification for this material.
- Answer: See Addendum #6, ADD to C2000.00, Interior Finishes.
18. Question: The Educational specifications note that the community will be using certain rooms of the facility after hours; please define the hours of use.
- Answer: Normal building operational hours will be from approximately 7:00 AM until 10:00 PM, however, there may be periodic events, such as sporting events or dramatic performances, which could run later.
19. Question: Sector D on the 1st Floor includes an area noted as a Day Care Center; please define the hours of operation. Please confirm any special permits or approvals will be the responsibility of the NJSDA.
- Answer: The hours of operation are anticipated to be from 7 AM to 5 PM Monday thru Friday. It is the Design Builders' responsibility to secure all required permits and approvals for this project.
20. Question: Section 01010, Summary of Work, Page 6 of 8, Paragraph 2, mentions that the Design-Builder will assume responsibility from the demolition contractor for the already existing temporary field offices including costs for rental, internet service, and utilities, among others. Please provide costs associated to trailers rental, utilities and services. Please confirm if the Design-Builder is to assume those costs effective September 1, 2016 which is the date when the demolition contractor will cease occupancy of the site as described on this Section on Paragraph 1.6.A.2, Page 5 of 8.
- Answer: The Summary of Work has been modified by this Addendum to delete the requirement that the Design-Builder is to assume responsibility for the existing temporary field offices. See Changes to the Project Manual, Item B.1.a, listed above.
21. 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?

Answer: In accordance with the National Electrical Code, Article 511, the Automotive Technology area is considered a minor repair garage. Yes, follow provisions of Article 511 for commercial garages.

22. Question: Clarification is requested as to whether there are any special security requirements for the Day Care area.

Answer: The Daycare Center is subject to all Project security systems requirements including video surveillance, access control, and intrusion detection as well as any code mandated provisions.

23. Question: Confirmation is requested as to whether ambulances and emergency vehicles arriving at St. Francis' Hospital approach with sirens operating. If so, has the NJSDA prepared a specification for increased window and exterior facade sound isolation along the side of the school? How should the D/B approach the acoustical design requirements? Clarification is requested.

Answer: A determination regarding whether any building envelope enhancements are required as a result of this or any other off-site noise source will be made following completion of the Outdoor Noise Study performed by the Design-Builder in accordance with Performance Specifications Section PS1030.00 I.B.2.i.

24. Question: Hours of operation for the mechanical systems may affect the exterior sound mitigation required to meet NJAC 7:29. What are the design hours for operation of the mechanical equipment serving the school? What if any equipment must be designed to operate between 10-PM and 7-AM.

Answer: See response to Bidder Question #18 listed above. It is not anticipated that any cooling equipment will need to operate between the hours of 10:00 PM and 7:00 AM.

25. Question: Referencing the fit-out of the Science Laboratories, the selection of the fume hood is based on the type of chemicals that will be used. Clarification as to the type and performance requirements for the fume hoods and science storage cabinets is requested.

Answer: The Design Builder is required to provide and install code compliant fume hoods and science chemical storage cabinets based upon the specified "Basis of Design". Refer to Addendum 1 Section E1040.10 Educational and Scientific Equipment and related Addendum for additional information. A District list of chemicals to be used in the Science Laboratories will be provided to the Design Builder awarded the project.

26. Question: The proposed building is generally 32 feet to the roof with only specific areas exceeding 40 feet in height. We assume the IBC 2009 requirement dictating the number of borings does not apply. Please verify.

Answer: See response to Bidders' Question #50, Addendum #5, dated December 4, 2015.

27. Question: Section F1050.10, Pools:
a. Paragraph F1050.10.II.A.1 – Please confirm that this requirement is not intended to preclude the use of a monolithic, reinforced, pneumatically-placed concrete vessel, which is the most common method of pool shell construction in our region.
b. Paragraph F1050.10.II.A.1b – Please confirm that this requirement is not intended to preclude the use other materials commonly used to provide an overflow lip handhold associated with gutter systems.
c. Paragraph F1050.10.II.B.4 – Painted lane markings are not consistent with plaster interior finishes. Please confirm that customary ceramic tile lane markings are acceptable.

Answer: a. Yes, a monolithic, pneumatically placed reinforced concrete pool vessel is acceptable. Refer to Addendum 6, Section C.1.II CHANGES TO THE PERFORMANCE SPECIFICATIONS.
b. Confirmed.
c. Confirmed.

28. Question: We haven't found E-Rate language in the design manual. Should we assume this project will be going for E-Rate funding and we would be required to prepare separate drawings for the E-Ratable items?

Answer: Yes, this project will be submitted for funding through the USAC, E-Rate Program per the See Design-Build Agreement, Section 3.19 E-Rate Program.

29. Question: Section PS1030.00, Project Criteria, Acoustics:
a. School windows need to meet a minimum of OITC 35. OITC-35 windows will generally comprise two layers of laminated glass separated by a 2-inch airspace, please confirm.
b. School roofs need to meet a minimum of OITC 41. A lightweight non-concrete roof will achieve about OITC-29 without a lay-in ceiling below, and about OITC-33 with a ceiling. This means that concrete roof construction is required throughout the building to meet OITC-41, please confirm.
c. Windows within 30 feet of play areas need to meet STC-50. Operable STC-50 windows will have a very deep airspace and are likely a custom product from a specialty acoustical window manufacturer, please confirm.

Answer: Some of the referenced performance criteria have been changed. See Addendum #5 items C.1.a and C.1.b.

30. Question: Please provide the design height for the bleachers in the gymnasiums and natatorium. Is the top of the bleachers less than 20 ft. from the roof? Will the roof require a 1-hour fire rating?
- Answer: The height of bleacher systems is dictated by the number of risers and/or seats called for in the Design-Build Information Package as well as related code requirements. It is the responsibility of the Design-Builder to determine both the height of the room and whether or not a 1-hour fire rating will be required.
31. Question: Please explain the meaning of the general heading within the project specifications for the term "Basis of Design". Should the D/B consider the instructions to bidders as a performance specification and the "basis of design" to be a guide for selection of materials only and not to be interpreted as proprietary items?
- Answer: Yes, Refer to the Design-Build Agreement, Section 2.7 Design Build Information Package Materials as Conceptual Only; Section 4.1.2 Quality of Design Services; and Volume 1, Division 1-General Requirements, Section 01600-Products and Substitutions for additional information.
32. Question: Referencing the daycare center, clarification as to the design standards are requested. Is the space regulated by the NJ Division of Youth and Family services? Are there special M/E/P-Security requirements for the space that are not provided for in the specification? Only NJSDA educational performance specifications have been issued.
- Answer: The daycare center will be regulated by NJ DYFS. There are no special MEP-security requirements beyond what is required by the Design-Build Information Package and by code.
33. Question: Referencing the Automotive Technology Area, the infrastructure requirements are undefined. For example, the location, layout, and quantity of the hose reels, tire changers, air compressor, lube stations, exhaust fans, trench drains, oil interceptor, hose bibs, wash-down requirements, storm water collection outside the area, grease interceptors, fire sprinkler requirements, IBC code classification, special rooms for equipment location, acoustic performance related to ANSI S12.60, overhead door requirements, HVAC requirements(100% outside air and heat recovery), lighting requirements, convenience outlets and special receptacles, auto-body repair requirements, and the like. Clarification is requested as the documents do not provide sufficient information to define the construction requirements for the space.
- Answer: See Addendum #6, dated December 11, 2015, ADDS to Section E1010.10, Vehicle Servicing Equipment and related Performance Specifications for additional information.
34. Question: Referencing G2080.00, Products D. Irrigation System, A full 100% coverage system is outlined for the soccer field only. Acknowledgement by the Authority is

requested that an irrigation system contradicts ecological conservation efforts, is a detriment to LEED guidance, and will reduce the LEED point count.

Answer: The Design-Builder is responsible to provide an irrigation system per the Design-Build Information Package.

35. Question: Reference Section F1050.10.II.A.1 - Please confirm the use of a monolithic, reinforced, pneumatically-placed concrete vessel, which is the most common method of pool shell construction in our region is also acceptable.

Answer: Yes, a monolithic, pneumatically placed reinforced concrete pool vessel is acceptable. Refer to Addendum 6, Section C.1.II CHANGES TO THE PERFORMANCE SPECIFICATIONS which indicates ADD: In Section F1050.10, Pools, add Paragraph II.A.2. as follows: 2. A monolithic, pneumatically placed reinforced concrete pool vessel is acceptable.

36. Question: Reference Section F1050.10.II.A.1 b - Please confirm that this requirement is not intended to preclude the use of other materials commonly used to provide an overflow lip handhold associated with gutter systems.

Answer: See Addendum #6.

37. Question: Reference Section F1050.10.II.B.4 - Painted lane markings are not consistent with plaster interior finishes. It is customary to have ceramic tile lane markings; please confirm this is acceptable.

Answer: Yes, ceramic tile lane markings are acceptable. Refer to Addendum 6, Section C.1.mm; Changes to the Performance Specifications.

38. Question: Element E: Equipment and Furnishings section says to be issued at a later date. Can you provide the information for the following section for pricing purposes.

Answer: Element E: Equipment and Furnishings was issued as Attachment 1.3 in Addendum #1, dated October 30, 2015.

39. Question: Element F: Special Construction Demolition section says to be issued at a later date. Can you provide the information for the following section for pricing purposes.

Answer: Element F: Special Construction and Demolition was issued as Attachment 1.4 in Addendum #1, dated October 30, 2015.

40. Question: Element G: Sitework section says to be issued at a later date. Can you provide the information for the following section for pricing purposes.

Answer: Element G: Sitework was issued as Attachment 1.5 in Addendum #1, dated October 30, 2015.

41. Question: Please reference Drawing A-701A. The Men's and Women's Locker Rooms (Rooms A-116G and A-116F) show lockers on the drawings. TCHS Project Manual Volume 3, Section E: Room Area Calculations and Fit-out Lists, page E-37 lists the schedule for the Automotive Locker/Toilet. This schedule does not list any lockers to be installed in this room. Please clarify what kind, if any lockers should be placed in the Men's and Women's Locker Rooms (Rooms A-116G and A-116F)
- Answer: See Addendum #6, dated December 11, 2105, attachment 6.2 revised Sheet E-37.
42. Question: What is the Tornado Sculpture Allowance for? Is the \$100,000 meant to cover the "commissioning of design, fabrication, and installation, of a suspended Tornado Sculpture for the school"?
- Answer: Yes, to be located in Entrance Lobby/Corridor 003 outside the Main Gymnasium, in accordance with the DBIP Drawings.
43. Question: Approval process – Due to the project being completed by a state agency, it is being assumed that the project will be exempt from any site plan approvals at the local level. Is this assumption correct?
- Answer: Yes, in accordance with DOE regulations, the Schematic Design documents were submitted to the City of Trenton, Division of Planning on April 8, 2015, pursuant to N.J.A.C. 6A:26. Accordingly, SDA has performed its obligations with respect to the Planning Board submission and no further action or approval by the Planning Board is required or anticipated.
44. Question: If it is found that the NJDEP does not have regulatory jurisdiction on the project, it is assumed that professionals from the City of Trenton Engineering Department will be the technical reviewers for the project. Is this assumption correct? If it is not correct, who will be the technical reviewers for the project?
- Answer: The nature and purpose of this question is not entirely clear, but NJDEP does have regulatory jurisdiction over this project, as do NJDOE and NJDCA. "Technical review" of the project for code compliance will be conducted by NJDOE and NJDCA. Further, in accordance with the provisions the Agreement, including Procedural and Performance Specifications, "technical review" of design and construction activities related to any necessary site environmental activities will be provided by the LSRP engaged by the SDA, but the Design-Builder is responsible for securing any required NJDEP approvals or permits. Additionally, the City of Trenton Engineering Department is anticipated to have a role in review and approval of City utility connections.
45. Question: Considering the proposed high school will replace an existing high school, it has been assumed that there will be no off-tract improvements required to support the project. It has been assumed that any cost for design/permitting and/or construction of any off-tract improvements will not be responsibility of the design-built team or entity. Is this assumption correct? If it is not correct, then how will this cost be carried in the project budget?

Answer: If by “off-tract improvements” the question means off-site infrastructure improvements, this is correct. However, it should be noted that the Design-Builder is responsible for utility connections and associated cutting and patching outside the Contract Limit Line. See Revised Drawing AS-100 dated November 18, 2015, issued as part of Addendum No. 4.

46. Question: Has any additional geophysical investigations beyond that what was provided been completed for the site and were any anomalies identified in the investigation?

Answer: No such investigations have been conducted.

47. Question: Existing lighting fixture/ door pediment to be reused in the main lobby – building section indicated some of the building elements shall be “salvaged from existing Trenton HS”. Please clarify the condition and extent of restoration required on the salvaged elements.

Answer: Refer to Performance Specifications Section F3050.50 Reuse of Salvaged Items included in Addendum #4 as attachment 4.2.

48. Question: Clarification is requested as to whether the glycol based chiller water system is a mandatory design requirement as there are engineering detriments for its use, namely:

1. The glycol system is energy inefficient.
2. The use of glycol contributes to an overall increase in project life-cycle costs for both lifetime maintenance and electrical consumption costs.
3. The use of glycol is not supported by LEED guidelines and contributes to a detriment in environmental conservation measures.
4. Glycol usage will deter form maximizing LEED points for the project design in a number of LEED categories.

Please confirm whether or not a glycol system is mandatory.

Answer: Provide glycol based system as specified.

49. Question: Clarification is requested as to whether the project specifications restriction of 140-degree Fahrenheit domestic water is mandatory. The size of the project and the Authority's pre-determined central location of the boiler rooms by the Authority will increase life-cycle costs, energy consumption, and water distribution inefficiencies. Please advise.

Answer: Presuming that the question refers to heating hot water rather than domestic hot water, provide 140 degree F heating hot water as specified.

50. Question: Clarification is requested as to whether the project specifications restriction against the use of insulated flexible duct is mandatory. The usage of insulated flexible duct (maximum 8-ft) provides a benefit for the acoustic transmission performance for both the supply and return air flows; allows for occupant thermal comfort; and, meets industry standards for efficient and effective design. Please advise.

Answer: Flexible duct is acceptable subject to the limitations in Section D3050.50 Paragraphs II.A.1.d. and II.A.2.

51. Question: Clarification is requested as to whether the project specifications acoustic performance within the cafeteria and culinary classroom can be relaxed to meet industry standards. The noise levels in the spaces are typically driven by the occupants and the level of interaction among the students using the space. The students will contribute noise levels that will dominate any impact to the mechanical air flow. This space fits outside the normal parameters for acoustic performance and relaxing the performance standards will achieve an efficient and effective design and maintain practical limits to the cost inefficiencies required by the current standards. Can the acoustic performance in these areas be relaxed?

Answer: Consistent with responses to prior similar Bidder Questions, the Cafeteria and Culinary Arts Labs shall not be considered Core Learning Spaces for purposes of Project acoustical performance requirements.

52. Question: Clarification is requested as to whether the project specifications usage of in-line pumps are restricted. The use of in-line pumps provide for a more efficient design, less energy usage, reduced life-cycle cost when compared to base mounted pumps. The use of in-line pumps in the design is requested. Please advise.

Answer: In line pumps are acceptable for pumps of 15 hp or less.

53. Question: Clarification is requested as to whether the project specifications restriction of placing fan coil units in the corridor is mandatory. The fan coil units can be placed in the classrooms and meet the acoustic performance ratings. The placement of the fan coils in the corridor are at most times, impractical as the corridors are the main trunk for the distribution of utilities. The required lifecycle maintenance, energy inefficiencies, and utility routing become most effective. The placement of fan coils in the classrooms is requested as a practical solution for an efficient design. Please advise.

Answer: The intent of this requirement is to locate fan coil units outside of core learning spaces in order to better meet Project acoustical performance requirements. It has been the SDA's experience to date that this is possible in most instances with proper coordination of above-ceiling utilities, equipment, and devices in corridors. Therefore, it will be incumbent upon the Design-Builder to demonstrate to the SDA where and how it is impracticable to do so. Ultimately, it is the responsibility of the Design-Builder to provide a design which meets all related Project performance requirements including acoustical performance and provides for necessary access to above-ceiling equipment. It should be noted that the installation of gypsum board or other similar assemblies below HVAC units will not be considered acceptable in meeting those requirements.

54. Question: Please clarify whether the Design Builder's responsibility for the Video Distribution System for the project is to include all network and headend electronics such as devices, servers and licenses.
- Answer: Refer to Performance Specifications Section D6000. The Design-Builder is responsible for the required infrastructure; Servers, display devices, and software will be provided by the SDA or District.
55. Question: With regard to Table D6000.00-1, please clarify whether the Design Builder is responsible for all wireless access points (devices) or just the wireless routers required to interface with the access points supplied by others.
- Answer: In accordance with Performance Specifications Section D6000, the Design-Builder is responsible for both wireless access points and the wireless router(s).
56. Question: Please confirm whether doors shown to receive bullet-resistant glazing are also required to be bullet-proof and to have bullet-proof hardware.
- Answer: Refer to response to Bidder's Question #19 Addendum 4 and Project Manual Volume 2 Section C1020.00 and C1030.00 for information regarding required "security glazing" and "intruder hardware".
57. Question: Please confirm that the General Contractor warranty is 1-year. All other subcontractor warranties will be provided directly to the Owner.
- Answer: See Design-Build Agreement, Section 12 Warranties, Section 12.2 and 12.4.
58. Question: Section 4.1.4, Interpretation indicates for the Design Builder to be responsible for delivery of requests for information no later than 15 business days prior to the Technical and Price Proposal submission date. With a due date of 12/17/2015, this would make the RFI due date on or around Nov. 25th, with consideration to the Thanksgiving Holiday. Amendment #1 indicates the RFI due date to be Nov 6th, over 5 weeks prior to the submission date. Please clarify the correct RFI due date for the project.
- Answer: Addendum #1, dated October 30, 2015 includes the correct date for submission of Bidders' Questions as November 6, 2015.
59. Question: Does your \$200MM primary limit cover more than this project? If so, how many projects are covered by it?
- Answer: The SDA's Commercial General Liability (CGL) program provides a limit of \$2MM per occurrence subject to a \$4MM general aggregate on a **per project basis**. The Excess Liability program provides a \$200MM limit on a follow form basis (i.e. same as CGL) in excess of all projects enrolled during the term March 1, 2015 – March 1, 2018. At this time I cannot project how many projects that will be (possibly 17-20).

60. Question: The Room Area Calculations and Fit-Out Lists indicates a kiln in the Art studio to be provided by the Contractor. Please clarify if this is intended to be part of this contract, and if so, please provide a manufacture or specifications for the required equipment.

Answer: See Addendum #1.

61. Question: Referencing Section 5040.30 Interior Lighting 1.B.4, confirmation is requested that both the linear florescent lighting and compact florescent lights are acceptable throughout the building.

Answer: See Addendum #6, dated December 11, 2015, Changes to Project Manual, B.2.v.

62. Question: Referencing Section D3000.00 HVAC I.A.7, Emergency Standby power refers to the requirement for HVAC power to Section D50 10.1 0. Section D50 10.10 A.1.d.2 requires the non-life safety ATS to provide power "Sufficient to keep the building and systems from freeze-up maintain HVAC and electrical services to the following spaces during loss of power: ... "Clarification is requested for the following items:

- a. Aside from the enumerated spaces listed in this section, the entire building will have domestic hot/cold water, chilled water, and hydronic hot water flowing at all times. Clarification is requested as to whether the entire building requires emergency power for all the boilers, pumps, ventilators, fan coils, cooling towers, and the like to prevent freezing.
- b. The generator specification section D5010.10 identifies that natural gas is the fuel supply for the facility. Confirmation is requested from the Authority that the use of natural gas is a reliable fuel supply for the facility's which meets IBC Code rating for the intended occupancy use group.
- c. In order to prevent the building and systems from freeze-up, only the heating system requires to be emergency powered, however the specification references Heating Venting/ Air Conditioning (HV AC). Clarification is requested for the Authority to identify whether only the heating system is required or should the venting and air conditioning be included in the requirement.

Answer: Refer to Addendum #5, Section E. Bidder Questions, R.F.I. and Responses for: a. Response No. 72, b. Response No. 65, c. Response No. 72.

63. Question: Referencing Section D3000.00, I.A.9. (3) a and b require two independent chilled and hot heating water systems. Clarification is requested of the following items:

- a. Providing two independent heating/cooling plants will increase construction costs, life-cycle cost, energy consumption costs, lifetime maintenance costs, and loss of LEED points. Consolidating the plants is the most efficient design option. Clarification as to whether the Authority will support the use of one plant is requested.
- b. The mechanical spaces are configured at opposite ends of the building where, by contrast, a central location is most efficient design for construction cost, life-cycle cost, and maintenance efficiency. Can the program space be re-configured to allow for centralizing the mechanical spaces?

c. The preliminary layout of the required pumps, boilers, piping, and ancillary equipment indicates the mechanical spaces are not sufficient size to meet code clearances, and primarily for the safety of the building's maintenance staff. Since the space needs to be increased in size, how should the D/B team allocate adequate space without reducing educational program space?

Answer: a. Provide multiple systems as specified. b. Independent systems are to be provided as specified. c. Refer to the Design Build Agreement included in Volume 1. Section 4.0 Design Builder's Design Phase Services 4.1.1 Consistency with the Design Build Contract Documents. The Design Builder's design of the project shall comply with the requirements described in the Design Build Contract Documents, including the standards set forth in the latest version of the Authority's Design Manual and Materials and Systems Standards. Any departure from this content must be approved by the Authority and the School District.

64. Question: Referencing E1040.1 and the room area calculations and fit-out list, in specifying the safety shower equipment the Authority must provide the regulatory requirements and compliance standards. Often used when selecting emergency equipment is the ANSI/ISEA Z358.1, "Emergency Eyewash and Shower Equipment." The 2014 version of the standard states that the water temperature delivered by emergency equipment should be 'tepid.' Tepid is defined to be between 60°F and 100°F. However, in circumstances where a chemical reaction is accelerated by flushing fluid temperature, a facilities safety/health advisor must be consulted to determine the optimum water temperature for each application. Clarification of the following items is requested:
provide a safety standard to use for design; the required temperature of the water; the requirement for the type of water (domestic) to be used; the location as to where the safety stations should be placed; the volume of water required as specified by code and regulatory standards; the time the emergency station is required to deliver the required volume of water; should the water supply be a separate recirculating loop in the building; and, the like. Are stand-alone portable systems allowed?

Answer: No. Provide emergency shower units consistent with the Basis of Design indicated.

65. Question: Referencing E1 040.1 and the room area calculations and fit-out list for the science classrooms, confirmation that a stand-alone acid neutralization system fitted to each individual classroom is acceptable.

Answer: Refer to Addendum No. 5 Section E. Bidder Questions, R.F.I. and Responses; response no. 43.

66. Question: Referencing Section D3000.00 indicates 7(c) (pg. 9 of 25) "Provide gas-fired air curtains at each garage door." Clarifications of the following items are requested: The heat output and physical size of the unit; the practicality of the installation where the overhead door will interfere with the installation; energy consumption and efficiency of the use for the space; lifetime maintenance costs; acoustic performance and compliance with ANSI 12.60; and, user safety. Clarification as to

the type and size of unit, air delivery velocities, heat requirements, and the number of air curtains is requested. Consideration for the elimination of this requirement is requested as the product conflicts with the Authority's specification for energy efficiency, acoustic performance, and the like.

Answer: Selection of air curtain units is the responsibility of the Design-Builder.

67. Question: Referencing E1040.10 and the Laboratory Fume Hood, the specified hood manufacturer design specification indicates Requires Ductwork and Blower only. The performance specification does not describe the operational use of the fume hood sufficient for design purposes. Clarification is requested as to whether the fume hood does not need a tempered make up air unit.

Answer: See Section D3000.00 Paragraph I.A.9.d.(14).

68. Question: Referencing Section E1070.00 I.B.1, B. Amenity and Comfort 1. Accessibility: Provide equipment that is easily usable by disabled persons without outside assistance. Clarification is requested as to the manner this item relates to the equipment listed in this specification section.

Answer: Design the building as required by the International Building Code 2015, New Jersey Edition.

69. Question: Referencing the Detailed Room Requirements - Media Center, clarification is requested for the following items: "Adjustable spot lighting for display and task lighting: and, Power distribution in floor to allow maximum flexibility." Details are required.

Answer: Power in floor will be required.

70. Question: Clarification is requested that the section E2010.00 does not contain a performance specification for fixed seating in the auditorium. Clarification is requested as to whether the auditorium seating is to be furnished by the D/B.

Answer: The auditorium seating is to be supplied by the D/B. See Addendum #6, ADDS to Section E2010.00, Fixed Furnishings.

71. Question: Fit-Out List E-27 TV Studio/Control/Editing-COMM notes Hard Cyc Wall System is to be provided by DB/GC; please provide specifications for this item.

Answer: See Addendum 7, ADD to Section E1070.00 Entertainment and Recreational Equipment.

72. Question: Fit-Out List E-33 Building Technology Lab-STEM notes a Dust Collection system is to be provided by DB/GC; please provide specifications for this item.

Answer: Refer to Addendum No. 6 Section C. Changes to Performance Specifications.

73. Question: Special Conditions lists Final Completion to be achieved within 1286 days but Section 01010 - Summary of Work lists 1268 days; please advise which is correct.
- Answer: See Addendum #6, dated December 11, 2015, Item B.1.a.
74. Question: Drawing L-10 1 References Details I - 7 on Drawing L-I 02, this Drawing is not included in our documents; please issue.
- Answer: Refer to Addendum 6 response to Bidder's Question #34.
75. Question: Specification section D7050.00, III, C, 6 references "Rigid metal conduit" to be used for the pre-action and chemical fire suppression systems. Is Rigid conduit required for all pre-action detection wiring or is EMT or plenum rated cable acceptable?
- Answer: Provide rigid metal conduit as specified.

F. CHANGES TO PREVIOUS ADDENDA:

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

1. The response in Addendum #5 Bidder Question 61b is modified as follows:

61. Question: Can wall hung water closets with closet supports be utilized instead of floor mounted water closets? Manual flush valves are indicated for each use. A 24-hour automatic flush will only be possible with electronic or battery powered flush valves.

Answer: ~~Provide wall hung water closets.~~ Delete requirement for automatic flush throughout. **Wall hung water closets with closet supports may not be used instead of floor mounted water closets**".

2. The response in Addendum #6 Bidder Questions #14 through #21 shall be modified as follows:

14. Question: Are the Remedial Action Report and associated Response Action Outcome document for the Trenton Central High School Facility completed on a Site-wide basis or are they for "Area(s) of Concern" only?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 ~~#9~~.

15. Question: Will the RAO designate the site for unrestricted use or restricted use?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 #9.

16. Question: Are draft/final copies of any environmental documents including those noted above as well as any Preliminary Assessment, Site Investigation or Remedial Investigation Reports available for review?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 #9.

17. Question: Have any engineering/institutional controls been established at the site or will any engineering/institutional controls be required for the site based on the information included in the environmental reports prepared to date?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 #9.

18. Question: Has groundwater been investigated at the Trenton Central High School Facility? If so, what was the trigger?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 #9.

19. Question: Have either a historic fill or agricultural use investigation been completed on the property?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 #9.

20. Question: What Areas of Concern were identified during the completion of a Preliminary Assessment (PA) and are there any additional AOCs that have been identified since completion of the PA?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 #9.

21. Question: Have any compounds, in any media, been identified on the property above vapor intrusion screening levels?

Answer: See Addendum #3, dated November 17, 2015, response to Bidders' Question #12 #9.

3. ADD: In Addendum #5, add the following to the answer for Question #35:

Provide panels with all media input/output formats specified.

4. MODIFY: In Addendum #5, modify the response to Question #61 as follows:

- Answer:
- a. It is the Design-Builders' responsibility to determine all agency approvals. Additionally, provide bowl height 10" above finish floor for children fixtures.
 - b. Provide ~~wall-hung~~ **floor-mounted** water closets. Delete requirement for automatic flush throughout. **Provide manual flush valves only.**
 - d. Water tempering is not required for water coolers.

5. REPLACE: In Addendum #6, replace Item C.1.w. with the following:

2. Basis of Design

- a. Perimeter wall-mounted area luminaires: Spaulding TRP-LED Trapezoid.
- b. ~~Main entrance wall-mounted luminaires: Lithonia WSQ~~ **Parking areas: Pole-mounted LED fixture with round pole and clear anodized finish. Basis of Design: Lithonia DSX1 Series.**
- c. ~~Main entrance pole-mounted luminaires: Architectural Area Lighting INDF~~ **Sidewalk and public event entrance luminaires: Round LED bollard, 42" high, with round head. Basis of Design: RAB Lighting BLEDR Series.**
- d. Recessed step lights: McPhilben SDO. **Provide step lights as indicated on Drawing SK-17.**
- e. Canopy luminaire: McGraw-Edison TopTier surface-mounted 18" diameter luminaire.
- f. ~~Building signage~~ **Illumination at 5 SLC Exterior Entrances and Public Event Entrance lighting: Rectangular LED floodlight. Basis of Design: Spaulding ARF Series.1. Adjustable cantilever linear LED or fluorescent. Basis of Design: Winona Lighting Sign Series.**

6. The response in Addendum #6 Bidder Question 26 is modified as follows:

26. Question: The Educational Specifications and the Room Area Calculations and Fit-Out Lists refer to equipment on pages C41, C42, C43, C44, E27, E28, E29 and E30. Please provide more specific information describing this equipment since the value of this equipment can vary by upward of millions of dollars depending upon the equipment selected for the project.

Answer: ~~See Revisions to Room Fit Out List E-27 included in Addendum #5, dated December 4, 2015.~~ **See Room Fit Out List E-27, Attachment 5.3, and Room Fit Out List E-30, Attachment 5.4, issued in**

Addendum #5, dated December 4, 2015. In addition, in Addendum #6, dated December 11, 2015, see Attachments 6.4 and 6.5, and Section adds to Section E1070.00 , Entertainment and Recreation Equipment paragraphs II.E. and F.

G. ATTACHMENTS:


1. Attachment 7.1 Revised Educational Specification Sheet B-8 dated 09/22/15, with Revised Educational Specification Sheet B-8, dated 12/18/15.
2. Attachment 7.2 Revised Educational Specification Sheet B-9 dated 09/22/15, with Revised Educational Specification Sheet B-9, dated 12/18/15.
3. Attachment 7.3 Revised Educational Specification Sheet B-10 dated 09/22/15, with Revised Educational Specification Sheet B-10, dated 12/18/15.
4. Attachment 7.4 Revised Educational Specification Sheet C-8 dated 09/22/15, with Revised Educational Specification Sheet C-8, dated 12/18/15.
5. Attachment 7.5 Revised Educational Specification Sheet C-55 dated 09/22/15, with Revised Educational Specification Sheet C-55, dated 12/18/15.
6. Attachment 7.6 Revised Room Area Calculations Sheet E-4 dated 09/22/15, with Revised Room Area Calculations Sheet E-4, dated 12/18/15.
7. Attachment 7.7 Revised Room Area Calculations Sheet E-5 dated 09/22/15, with Revised Room Area Calculations Sheet E-5, dated 12/18/15.
8. Attachment 7.8 Revised Room Area Calculations Sheet E-49 dated 09/22/15, with Revised Room Area Calculations Sheet E-49, dated 12/18/15.
9. Attachment 7.9 REPLACE AI-101C PARTIAL FIRST FLOOR SECTOR C & D FINISH PLAN dated September 29, 2105 with revised SHEET AI-101C PARTIAL FIRST FLOOR SECTOR C & D FINISH PLAN.
10. Attachment 7.10 MODIFY Sheet A-303 BUILDING SECTION, dated September 29, 2015, as MODIFIED by SK-17 DETAIL B1/A303 PARTIAL BUILDING SECTION J-J THRU AMPHITHEATER/MEDIA CENTER THEATRICAL COSMETOLOGY LAB dated December 18, 2015.

H. SUPPLEMENTAL INFORMATION

1. Not applicable.

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

End of Addendum No. 7


NJSDA _____ Date 12/18/15
A. Oakley



Addendum #7

New Jersey Schools Development Authority
Office of Procurement
32 East Front Street
Trenton, NJ 08625
Phone: 609-858-2984
Fax: 609-656-4609

Date: December 18, 2015
PROJECT #: WT-0022-B01
New Trenton Central High School
Trenton Public Schools
DESCRIPTION: Addendum #7

Addendum No. 7

Acknowledgement of Receipt of Addendum

Contractor hereby acknowledge the receipt of the Addendum by signing in the space provided below and returning via scanned copy (MATaylor@njsda.gov) or fax (609-656-4609). Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.5 of the Price Proposal Submission.

Signature

Print Name

Company Name

Date