



Addendum #10

New Jersey Schools Development Authority
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PROJECT #: WT-0022-B01
New Trenton Central High School
Trenton Public Schools

DESCRIPTION: Addendum #10

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:

- 1. Not Applicable.

C. CHANGES TO THE PERFORMANCE SPECIFICATIONS:

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

1. Volume 2 Performance Specifications

a. ADD: In Section PS1030.00, Project Criteria, add Paragraph I.B.2.b.(1) as follows:

(1) The following spaces and their non-instructional supporting spaces are not considered to be core learning spaces for purposes of compliance with ANSI S12.60:

(a) Main Gymnasium.

- (b) Auxiliary Gymnasium.**
- (c) Natatorium.**
- (d) Cafeteria.**
- (e) Culinary Arts Labs.**
- (f) Electrical Technology Lab.**
- (g) Building Technology Lab.**
- (h) Automotive Technology Lab.**

- b. ADD:** In Section PS1030.00, Project Criteria, add Paragraph I.B.2.m. as follows:
- m. Compliance with the aforementioned acoustical requirements is not required during operation of the Project's emergency power generator system.**
- c. MODIFY:** In Section B2010.40, Curtain Wall Assemblies, modify Paragraph III.A.1.a.(3) as follows:
- (3) Perform tests in each test area as directed. ~~Perform at least three tests, prior to 10, 35, and 70 percent completion~~ **upon completion of curtain wall system.**
- d. MODIFY:** In Section B2050.30, Exterior Oversize Doors, modify Paragraph I.B.4. as follows:
4. Acoustical performance: ~~Comply with Performance Specifications Section PS1030.00 and all code requirements and referenced standards.~~ **Spaces with oversize doors are exempt from the requirements of Section PS1030, Project Criteria, Paragraph I.B.2.g., Building Envelope Acoustical Performance Requirements.**
- e. DELETE:** In Section B2080.00, Exterior Wall Appurtenances, delete Paragraph I.A.1.e. in its entirety.
- f. ADD:** In Section C1030.00, Interior Doors, add Paragraph I.C.4. as follows:
- 4. Hinge guard: Provide hinge guards for all doors in the Daycare Center area (Rooms E-100, E-101, E-102 and supporting spaces).**
- g. DELETE:** In Section C1030.00, Interior Doors, delete Paragraph II.L.2.h.(8) in its entirety.
- h. MODIFY:** In Section D2010.20, Domestic Water Equipment, modify Paragraph I.D.5.c. as follows:
- c. Provide code-compliant, ~~polyethylene~~ **fire-retardant polypropylene (PP), polyvinylidene fluoride (PVDF), or chlorinated polyvinyl**

chloride (CPVC) waste piping from indicated sinks to neutralization tank. **Provide all piping, fittings and solvents certified for use in chemical waste systems.**

- i. **MODIFY:** In Section D2010.20, Domestic Water Equipment, modify Paragraph II.B.1. as follows and delete Paragraph II.B.5:
1. ~~Provide dual pumps for redundancy.~~ **Skid-mounted packaged system with duplex pumps, each sized for 100% of demand load.**
- j. **DELETE:** In Section D2010.20, Domestic Water Equipment, delete Paragraph II.D.6. in its entirety. NOTE: The requirements of Paragraph II.D. pertain to each water heater within each water heater system. The requirements of Paragraph I.B.1.a. calling for two water heaters in each water heater system are NOT deleted.
- k. **ADD:** In Section D2010.20, Domestic Water Equipment, add Paragraph III.A.11. as follows:
- 11. Group sinks with acid neutralization systems to minimize maintenance requirements. At a minimum, group adjacent sinks in common countertops in a shared system. Where practical, provide systems serving entire labs or pairs of labs. Size each tank in accordance with ASPE Chapter 32 and all code requirements.**
- l. **MODIFY:** In Section D2010.60, Plumbing Fixtures, modify Paragraph I.B.5. as follows:
5. Provide water tempering device for all equipment/fixtures, except **water coolers and** kitchen equipment. Refer to Kitchen Equipment section for requirements.
- m. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph I.A.9.d.(1)(c)(i)1. as follows:
1. Building Sector A, including Classrooms, Science Labs, Cosmetology Lab, RN Program, Automotive Technology Lab **Support Spaces**, Sports Medicine Lab and related spaces.
- n. **DELETE:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), delete Paragraph I.A.9.d.(1)(c)(iii)5. in its entirety and renumber subsequent items accordingly.
- o. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph I.A.9.d.(1)(c)(iv)1. as follows:
1. Automotive Technology **Lab**.

- p. **ADD:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), add Paragraph I.A.9.d.(2)(g)(iii) as follows:
- (iii) Secure approval by the Authority for specific instances where coordination drawings indicate that FCUs will not fit above corridor ceilings.**
- q. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph I.A.9.d.(2)(h) as follows:
- (h) The System Type A serving Building Sector A shall also serve the Automotive Technology Lab ~~and associated~~ support spaces.
- r. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph I.A.9.d.(7) as follows:
- (7) System Type D serving Automotive Technology **Lab.**
- s. **MODIFY:** In Section D3000.00, Heating, Ventilation, and Air Conditioning (HVAC), modify Paragraph I.A.9.d.(12)(a) as follows:
- (a) Unitary cabinet unit heaters shall provide the required heating for each stairwell, vestibule and entry area. Hot water cabinet unit heaters shall be provided at each exterior door and intermittent stair landings. Provide recessed equipment where construction allows. Provide cooling as required for adequate conditioning **in accordance with industry standards, and where glazing and orientation indicate that overheating may occur.**
- t. **ADD:** In Section D3010.00, Facility Fuel Systems, add Paragraph I.E.1.b. as follows:
- b. Branch connection shut-off valves shall be located in code-compliant locations, and may be located above accessible ceilings for service to laboratories and other instructional spaces only, subject to provision of emergency shut-off valves as indicated below.**
- u. **MODIFY:** In Section D3030.00, Cooling Systems, modify Paragraph II.A.4.a.(2) as follows:
- (2) Electric **or hot water** heating coil.
- v. **MODIFY:** In Section D5000.00, Electrical, modify Paragraph I.B.4.h. as follows:
- h. Provide isolated grounding system **for MDF and IDF Rooms** *as required to meet technology requirements.*

- w. **MODIFY:** In Section D5010.10, Facilities Power Generation, modify Paragraph I.A.1.d.(2) as follows:
- (2) HVAC equipment: ~~Sufficient to keep the building and systems from freeze-up in~~ **M**aintain HVAC and electrical services to the following spaces during loss of power:
- x. **ADD:** In Section D5010.10, Facilities Power Generation, add Paragraph I.B.1.b. as follows:
- b. Compliance with the acoustical requirements of Section PS1030.00, Project Criteria, is not required during operation of the Project's emergency power generator system.**
- y. **MODIFY:** In Section D5020.00, Electrical Service and Distribution, modify Paragraph III.A.3. as follows:
3. Furnish equipment installed in sprinklered spaces with **protection in accordance with code** ~~devices to prevent water from entering and accumulating within the enclosure or provide NEMA 3R rainproof enclosures.~~
- z. **ADD:** In Section F1050.10, Pools, add Paragraphs II.A.2. and 3. as follows:
- 2. Basis of Design: Water depth shall be a minimum of 2 meters (6'-7") at the starting block end and for a distance of 26'-0" from the starting block end wall. The depth shall then slope to a depth of 4'-0" in a manner consistent with applicable codes, and shall then be level at 4'-0" to the turning end wall.**
- 3. Final design shall be consistent with standards and recommendations of USA Swimming and codes and standards referenced above. It is the responsibility of the Design-Builder's professional swimming pool design consultant to work with the Authority and the Project School District to develop the detailed design and specifications and to resolve any conflicts that may exist in the cited standards and requirements.**
- aa. **ADD:** In F1050.10, Pools, add Paragraph II.B.6. as follows:
- 6. Backstroke flags: Provide heavy-duty 12" x 18" nylon backstroke flags in custom design, on braided nylon cable with swivel hooks and tensioning devices.**
- a. Provide removable stainless steel deck stanchions 8'-0" high, minimum 0.145" wall thickness, with matching sliding collars, tamper-proof recessed anchors and anchor caps.**

- bb. ADD:** In Section F3050.50, Reuse of Salvaged Items, add Item No. 11 to Table F3050.50 – Schedule of Salvaged Items as follows:

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Scope</u>	<u>Storage Location</u>
<u>11.</u>	<u>Granite Steps each 72" x 14" x 5-1/2" (approx.)</u>	<u>10</u>	<u>Base</u>	<u>Project Site</u>

D. CHANGES TO THE DRAWINGS:

1. Not Applicable.

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

1. Question: Referencing Addendum 3, and the Master Report dated July 16, 2014, the summary paragraph indicates that the manholes be uncovered to determine the structural stability of the pipeline prior to reuse. In the event the pipeline is in disrepair and structurally deficient, the Authority is silent on the remedy for cure. Confirmation is requested as to whether the costs for the investigation and the needed repairs be compensated under the GMP reserve.

Answer: The Design-Builder is required to verify existing conditions pursuant to the Design-Build Agreement, Section 3.11 Design-Builders' Assumption of Responsibilities for Verification of Existing Conditions. If the pipeline is in disrepair or is structurally deficient, the replacement cost of this unforeseen condition will be compensated under the GMP Reserve.

2. Question: What is the incoming voltage level from the utility?

Answer: The incoming voltage is undetermined at this time. The Public Utility (PES&G) will provide adequate service to energize the specified electrical utility equipment.

3. Question: Control rooms for the elevators appear to be missing from the Floor plans.

Answer: Refer to Section D1010.00 Vertical Conveying Systems II.A Passenger Elevator which lists a machine room-less traction elevator.

4. Question: Please confirm whether hydraulic machine room-less type elevators will be acceptable for the project.

Answer: See response to Bidder's Question #3 listed above.

5. Question: Please confirm that Addendum No. 5, Response to Bidder's Question No. 12, shall be interpreted to mean that trees identified to remain that do not survive during site demolition, shall be removed during site demolition and shall not be replaced.

Answer: This is not an accurate interpretation of the referenced response. It is the responsibility of the Design-Builder, pursuant to Section 3.11 of the Design-Build Agreement, to identify any variance in site conditions from those represented in the Design-Build Information Package. In the particular instance referenced, should existing trees identified to remain in the Design-Build Information Package be identified by the Design-Builder as either dead or severely damaged as a result of demolition activities, or in any situation where it is determined that existing conditions vary from those represented in the Design-Build Information Package, the Authority will determine the appropriate action to be taken. Should such action be outside of the Design-Builder's scope of Work and/or Services, then the Design-Builder would be compensated for such work through the New Construction Allowance in accordance with the terms of Procedural Specifications Section 01020.

6. Question: The Food Service Equipment Schedule on Drawing A-801 shows equipment descriptions which do not in some cases agree with the indicated Model Number. Please clarify which has precedence.

Answer: The Design Builder and its Food Service Consultant is responsible to provide the equipment identified in the Design-Build Information Package, including the Food Service Equipment Schedule. In the event that an actual conflict between the equipment descriptions and the model numbers included in the Food Service Equipment Schedule, the equipment descriptions shall take precedence.

7. Question: Food Service Equipment Items 12A and 66 shown by the layout plan on Drawing A-801 appear to be missing from the Food Service Equipment Schedule indicated by that same drawing.

Answer: The Design Builder and its Food Service Consultant is responsible to provide the equipment identified in the Design-Build Information Package, regardless whether the equipment is listed with specificity in the Food Service Equipment Schedule.

8. Question: Please identify the staggered wall feature shown by Drawing A-801 along a portion of the edge of the depressed floor area at the Cafeteria Area.

Answer: The "staggered wall feature" is identified in the Room Area Calculations Sheet E-72 as the Continuous Banquet Bench Seating and Continuous Counter, both of which are being provided by the NJSDA, as specified in Addendum #5, dated December 4, 2015, Attachment 5.8.

9. Question: Please furnish information for all of the floor finishes identified by Specification Section C2000.00, Table C2000.00-1 Interior Floor Finishes as "To be Determined."

Answer: The "to be determined" refers to the color/pattern only. Refer to the Room Finish Schedule included in the Educational Specifications for specific room finish requirements.

10. Question: Addendum #6 RFI Response 9 confirmed that no work is to be performed at the existing tennis court area. Site Plan Drawing AS-1 00 revised 11-24-15 notes "utility connection work" which corresponds to the installation of the 10 inch water main adjacent to the tennis courts. But there is a note on the Grading Plan Drawing CG-101 and the Utility Plan CU-102 both revised 11-13-15 that states "remove and replace concrete curb this side only" adjacent to the existing tennis courts. Please confirm whether or not the curb as noted is to be removed and replaced adjacent to the tennis courts.

Answer: While the referenced Response from Addendum #6 is correct that the Design-Build Information Package does not intend or anticipate any Work associated with the existing tennis courts or tennis court fencing, there is nevertheless other project Work, as indicated in drawings, AS-100, CG-101, CU-102, and other site drawings, required outside of the Contract Limit, including new fencing, gates, utility connections, and removal and replacement of the referenced concrete curbing. The removal and replacement of the cited concrete curbing and sidewalks adjacent to the tennis court is intended to provide a continuation of the new curbing and sidewalks to be installed by the Design-Builder elsewhere on the Project Site. Refer to Procedural Specifications Section 01010 Summary of the Work, paragraph 1.7 as modified in Addendum #4 Item B.3.g.

11. Question: Rooms A-115, A-114 A-118, A-107, B-110, on the First Floor are indicated to have "Area with Exposed Unprotected Structure". With the requirement to have an unprotected structure, how is the second floor to be fire rated?

Answer: Design the building as required by the International Building Code, New Jersey Edition, version in effect at the time of submission for plan review by the NJDCA.

12. Question: D6000.00 of the project Manual, Vol. 2 under the security System there is a reference to "best practices for Schools under Construction or being planned for Construction". Please provide the correct "Best practices" document to reference in regards to the security camera locations and requirements for this project.

Answer: DCA "Best Practices" can be downloaded from the following link:
http://www.nj.gov/dca/divisions/codes/alerts/pdfs/2008_11_10_bps_school_construction.pdf

13. Question: Reference Addendum #6, Section C.1.m and C.1.o. Please confirm that all lockers throughout building shall have electronic access using proximity card swipe system, not only the lockers in the corridors.

Answer: Confirmed.

14. Question: Per Addendum #05 removing the Audio Visual Equipment, please confirm if the "Video Editing Equipment" from the TV Studio Editing Lab on page E-28 is still in the DB/GC scope of work.

Answer: Addendum #5, dated December 4, 2015, Attachment 5.3 and 5.4 changes the responsibility to the NJSDA. In Addendum #6, dated December 11, 2015, Attachments 6.4 and 6.5 provide a list of the equipment in the spaces in question for purposes of providing infrastructure.

15. Question: Reference TCHS Project Manual Volume 2, Section C2000.00.I.D Durability.
- A. Should the corner guards in the building be 4', 6', or full height?
 - B. Where should the wall bumpers be located?
 - C. What surfaces are inherently resistant to impact damage due to rolling carts and hand trucks?

Answer: A. 6 feet.
B. At walls of loading dock area, Corridor C-100A and all kitchen walls not covered by permanently installed equipment.
C. Concrete, CMU or exposed metal finishes.

16. Question: Referencing the Addendum #4 drawings CU-102, AS-100, and CG 101 are inconsistent and do not provide sufficient information for the work near the existing tennis court. Namely,
- a. The specific note "Remove and replace concrete curb this side only" where a hatched and bubbled area on drawing AS-1 00 leads one to understand that the hatched requires the curb to be removed and replaced in only these locations. Clarification of the intended scope of work is requested.
 - b. The requirement to install water loop and connect the sanitary line indicates that the utility trench work is limited to patching only the existing asphalt surface.
 - c. A reference is made to a tunnel leading from the existing building labeled G. There is no scope of work associated with the tunnel. Clarification is requested as to the extent of work required in the area. Will the existing tunnel be safe-off by the existing demolition contractor?
 - d. There are existing electrical utility poles with solar panels located along the driveway run. The plans do not locate, label, or indicate any related scope of work. Clarification is requested as to what is required to be done.
 - e. An existing electrical trench and manhole is located near the sanitary connection run. Confirmation that the ongoing demolition work will remove these buried utilities and cause no interference for the new work.
 - f. The condition of the existing asphalt outside the project limit line is at end of life as indicated by the large amount of cracking and distress. Confirmation is requested that the parking lot and driveways along the northern boundary are excluded from the new work and that patching is only required for the work performed by the D/B.

Answer: A. See response to Bidder's Question #10 listed above.
B. See response to Bidder's Question #10 listed above.
C. The existing tunnel will be rendered safe by the demolition contractor and the remaining portions identified on V-103 "Anticipate Conditions Plan", referenced in Addendum 6 issued on December 11, 2015 Attachment 6.1, will be removed by the Design-Builder. See response to Bidder's Question #10 listed above.
D. The utility poles with solar panels require no work by the Design-Builder.

- E. Confirmed.
- F. The Design-Builder's scope of Work and Services does not include any improvements to the existing asphalt paving outside of the Contract Limit line except as specifically indicated otherwise or as required due to installation of utility connections or other work which requires removal of the asphalt pavement. See Addendum #4 Item B.3.g. and related response to Bidder Question #10 above.

17. Question: Addendum #6 page 4 of 30 note "f" identifies that the district will occupy the existing building G. Earthwork, utility work, and access around the site is necessary for the construction in the immediate area. Clarification as to the manner in which the District will occupy the building is requested, specifically frequency of access, number of individuals, vehicles, and the like.

Answer: Work in the immediate area of Building G is limited. It can be anticipated that the District will be as cooperative and flexible as possible, but this Work is subject to the conditions identified in the referenced Addendum item.

18. Question: Confirmation is requested that the existing 130 space public parking lot at the North West corner will not be restricted for project use and can be used by the project's trade labor since it is included in the project limit line. The project limit line across the entrance on Greenwood Avenue will be managed by the D/B and will require restriction for public use since there are work activities within the area. Confirm that the public will be restricted from access onto the project site. Will the jobsite security guard have the authority to restrict access and will the NJSDA obtain a temporary ordinance restricting access? Finally, how will the OCIP and insurance liabilities be managed by the NJ-SDA if, in the event, the public is allowed access onto the delineated project limit lines?

Answer: This is not correct. In accordance with Procedural Specifications Section 01010 Summary of the Work, paragraph 1.7 as modified in Addendum #4 Item B.3.g., the Design-Builder must confine their normal operations to the area within the defined contract limit. "Normal operations" should be understood to include all required temporary or support facilities and areas including parking, job trailers, storage, and lay-down/staging areas.

The Design-Builder will be afforded access to the project site via existing site entrances from Greenwood and/or Hamilton Avenues, but such access will need to be coordinated with the District's ongoing use of the areas outside the contract limit in accordance with the provisions of Section 01010. At the Design-Builder's option and expense, they may elect to pursue provision of additional direct entrances to the project site from Greenwood, Hamilton, and/or Chambers Street. Public access to the area within the contract limit will be restricted, but it is the responsibility of the Design-Builder to maintain and secure that area in accordance with the requirements of the Agreement.

Finally, as public access to the area within the contract limit will be restricted, no OCIP or other insurance liability issues are foreseen.

19. Question: Addendum #6 added exterior area lighting basis of design for the tornado sculpture. Confirm that the cost for the lighting is part of the allowance as the location and quantity is not indicted.

Answer: Confirmed.

20. Question: Addendum #6 added a paragraph number 17 on page 17 of 30, indicating that "Provide all necessary ... ". This paragraph 17 does not connect logically to the content of the section. Clarification is requested.

Answer: Paragraph II.L.17 in Section E1040.10 refers to utility services required for the appliances listed in Paragraphs 2 through 16 above. It is the responsibility of the Design-Builder to determine the utility requirements for each appliance based on the Basis of Design listed, and to provide the appliances complete with utility services and accessories.

21. Question: Addendum #6 added item 2 and 3 on page 18 of 30 which indicates "Provide all HVAC, electrical, communication ... ". The content of this section does not provide sufficient information for such a broad based requirement. The D/B has not been provided sufficient information to determine the performance needs of the space sufficient to provide a responsive and competitive bid proposal. Clarifications is requested in the format of a detailed design and/or issue an allowance for this space is recommended.

Answer: It is the responsibility of the Design-Builder to determine supporting system requirements based on the listed equipment and to provide systems accordingly.

22. Question: Addendum #6 modified Section F1020.60 Manufactured Canopies (page 19 of 30). However, the elevation drawings depicting the canopy locations indicate an arrow pointing to a "Manufactured Canopy System" and a separate arrow pointing to a "Steel Frame". No details are provided for this configuration. Clarification is requested as; (1) Are both elements obtained from the same manufacturer as such details are not in the standard catalog and (2) Is the metal canopy material aluminum (sheets only) and the frame steel? In order to provide a responsive and competitive bid proposal, details for this element is requested.

Answer: See revised elevations, Attachments 8.3, 8.4 and 8.5 included in Addendum #8, dated December 24, 2015.

(1) Both elements could be provided by the same manufacturer, or they could be provided by separate manufacturers and coordinated by the Design-Builder.

(2) Materials and fasteners are at the option of the Design-Builder so long as (a) all are non-corrosive (i.e., stainless steel or aluminum); and (b) compatibility of dissimilar materials is assured.

23. Question: Referencing Addendum #8 response to question 19 (page 9 of 12) and the changes issued to the OITC rating in Addendum #5 items C.1.a and C.1.b, clarification is requested of the STC ratings. The Authority's reduction of the OITC rating from 35 to 30 for the walls with windows requests clarification to the following items:
- a. In specification Section B2020.00 II Products, A. Basis of Design: Efc0 2900, Kawneer 5500. or Wausau 4250. (1.) Provide minimum 4-1/2" (as amended in Addendum #5 to 4-in) frame depth and architectural sill extension, subsill and subframe the named manufacturer's published STC rating data does not match the STC ratings found in Specification Section PS 1030.00 B.g and B.g (1) and (2). Confirmation is requested that the DIB conform to the specification section prescribed by the Authority in Section B2020.00 and supply windows with the manufacturers' basis of design STC ratings. It is logically deduced that the Authority's design intent was for the D/B to provide windows with the basis of design meeting the STC performance rating of the selected manufactures. The RFP provides conflicting design standards listed in the specification Section B2020.00 and in Section PS1030.00 which the listed manufacturers' are incapable of meeting. Clarification that the D/B meet the design standards listed in Section B2020.00 is requested or provide a basis of design comparable to the Authority's design intent for STC and OITC ratings and a clear drawing showing the locations.
 - b. Referencing Specification Section PS 1030.00 B.g and B.g (1) and (2) and amendments, clarification is requested that the building envelope acoustical performance requirements be amended to conform to the specification Section B2020.00 (amended) with compliances to the manufacturer's basis of design. The two referenced specification sections are not complimentary and do not provided clear and sufficient instruction for the D/B to be capable of providing a responsive and competitive proposal. Please respond with a drawing indicating the acoustic standard and the location.
 - c. Referencing Specification Section PS 1030.00 B.g and B.g (1) and (2) and amendments, clarification that the prologues for g.1.(b) and (c) be eliminated as they do not conform to the Authority's specification Section B2020.00. Namely, the categories labeled as "playgrounds" are not defined and the areas are not identified on any of the drawings including the detail drawings related to elevations and windows. The conflicting specifications and design drawings are contradictory. The Authority has not provided clear and sufficient instruction for the D/B to be capable of providing a responsive and competitive proposal. Clarification and detailed design intent is requested. Please provide a drawing indicating the areas of the building designated as requiring special acoustical treatments and their defined STC ratings and whether the requirement is for the ground and second floor.

Answer: Items a, b, and c: It is the responsibility of the Design-Builder to provide (design and construct) components and assemblies which meet or exceed all project requirements, including those related to acoustical performance. Where performance requirements are established by a basis of design, these shall be understood to represent minimum requirements. As indicated in the referenced Specification Section PS 1030.00 B.g (2), where necessary, the Design-Builder

shall increase the STC class of individual components in order to achieve the composite STC rating required by Section PS1030.00 Project Criteria, I. PERFORMANCE, B. Amenity and Comfort Paragraph I.B.2 Acoustical Performance.

Additionally with reference to Item c: The drawings included in the Design-Build Information Package include sufficient information for the Design-Builder to identify exterior walls with windows within 50 feet of playgrounds, walkways, streets, or roadways per Section PS 1030.00 B.g (1). Additionally, as indicated in the drawings, the only playground within 30 feet of an exterior wall is the one adjacent to the Daycare Center.

24. Question: Referencing the response to Addendum #7 question 6 (page 12 of 31), states that the emergency generator acoustic performance is not exempt from the project requirements. Consideration should be given to this response as the size of the generator is in the one megawatt range and the generator's usage is in emergency situations. The allocated space of 16-ft x 38-ft depicted on the drawings provides a size constraints which logically concludes that the designer's intent was for a utility service purpose only. The allocated space will not accommodate the required generator enclosure physical space and acoustic performance. The generator operates only in an emergency situation and is not the primary source for power during school hours of operation. Required maintenance and testing of the generator functions can be scheduled for after school hours. Experience has shown that requiring the generator to abide to the project's acoustical performance will increase the cost of the project in the range of five hundred thousand to a million dollars plus. Reconsideration by the Authority should be given to the original response to the referenced RFI question requiring the generator to meet the project's acoustic requirements. Clarification is requested from the Authority to allow for the D/B to select a generator to fit within the allocated space, develop a standard enclosure, and allow the Authority to eliminate the constraints for acoustic performance for the emergency generator.

Answer: Provided that the Design-Builder provides an emergency generator and enclosure which meet the associated acoustical performance criteria, no acoustical enhancement of the building envelope will be required in regard to generator noise.

25. Question: Referencing Addendum #6, and the response to question # 11 (page 23 of 30), the comment that drawing A-601 shows the areas where security glazing is shown and to be provided. However, the response also refers to specification section C1030.00 for additional requirements. The section C1030.00 states to provide security glazing for all glazed doors and sidelights identified as "Safe Havens". Please confirm that the information on drawing A-601 are the only locations where security glazing is required as there are no other locations labeled as "Safe Havens" within the project specifications/drawings. Also confirm that there are no location on the exterior of the building (other than as shown on A-601) that require security glazing. In the event there are safe havens, please clearly identify the locations.

Answer: Confirmed. The entire extent of security glazing is indicated on Drawing A-601.

26. Question: Referencing Addendum #8 and the changes made to Section 02080.00 Landscaping which identifies that the maintenance period is for the first year after acceptance. Specifically, paragraph 1.D .1 outlines that landscape maintenance for plants "Provide professional comprehensive regularly scheduled landscape services of all plants and mulched beds (including weeding of planting beds and tree pits during the first year after completion and acceptance." Clarification to the following question is requested:

Since there is a landscape allowance and without the D/B knowing the extent of plantings, will the cost for the maintenance services be obtained from the allowance?

How will the Contract closeout be affected which requires completion in 1237 days from NTP? Specifically, will OCIP be maintained?

When will the final Contract payment be released?

What is the D/B liability in providing a maintenance agreement in a capital budget project?

Are there any special requirements to the PLA for the professionally maintenance services?

Provide a definition and quantitative clarity for the "regularly scheduled landscape maintenance services for all plants and mulched beds"; is it weekly, monthly, quarterly?

Will there be any potential conflicts with the District's maintenance personnel and work jurisdiction?

Answer: The Design-Builder's responsibility for maintenance of the landscape installation shall continue until such time as the landscape materials are established and growing in accordance with the applicable requirements of Section G2080.00 or the time of Substantial Completion of the Work, whichever is later. In the event that the landscape materials are not established and growing in accordance with the applicable requirements of Section G2080.00 at the time of Substantial Completion, the Design-Builder shall be responsible for continued maintenance of the landscape installation until such time as those requirements are met. In any event, the Design-Builder shall be responsible for replacing any landscape materials which are dead or dying at the end of the one-year project warranty period in accordance with the requirements of Section G2080.00 Paragraph 1.D.1.c. The requirements of Section G2080 shall be modified accordingly.

27. Question: Referencing Addendum #6 and question 11, the response does not provide clear direction for the location of the security glazing requirements. Attached are drawings showing an attempt to put the RFP instructions into a tangible form for bidding. Review and comment is requested.

The Authority is requested to expand and provide detailed instruction and explain that the security glazing is not a component of the window manufacturer's Basis of Design;

The windows cannot be operable and achieve the NJDSA "Best Practice Standards (or Schools Under Construction and Being Planned (or Construction"; and, The cost for the installation may exceed the anticipated budget.

Answer: Confirmed. See response to Bidder's Question #25 listed above.

28. Question: As the bid date has obviously shifted out some from original, is there a revised NTP date that we should be contemplating (changing from original 3/16/16)... or could that one still hold?

Helpful to know in order to initiate a realistic schedule start.

Answer: The anticipated Commencement Date for this contract is April 1, 2016, however, this date is subject to change at NJSDA's discretion.

29. Question: Referencing Addendum #8 response to RFI question # 1, the answer is inconsistent with the RFP document, specifically, the specification Section F1050.10; industry standards, and USA Swimming Organization, and the drawings and specifications. Please respond to each of the following questions:

- Section F1050.10 references National Federation of State High School Association (NFHS) requirements. The addendum response adds another standard which is USA Swimming Organization. Both standards are conflicting. Please identify which standard prevails. See attached.

- There are no "industry standards" for pool construction as per the answer to the RFI. A defined selection of criteria is needed from the end user- The NJSDA or Authority. The USA Swimming Organization identifies "competition" pools and "teaching" pools, both types are with differing dimensions and requirements. The NFHS standards do not identify dimensions for the pool construction. Clarification is requested as to which standard prevails and the standard's identification for swimming pool construction.

In referencing the Educational Specifications issued for the Trenton Central High School RFP, specifically for the Swimming Pool the "Description of Functions and Activities" reads: "DESCRIPTION OF FUNCTIONS AND ACTIVITIES: The swimming pool will offer aquatic educational opportunities for students through the physical education curriculum and other programs. The aquatic facilities also serve as training and competition sites for high school swimming. Please identify the swimming pool as either a competition or a teaching pool. There are no construction standards for both competition and teaching swimming pools.

Please confirm that the pool construction dimensions (if selected as teaching)

provide a 4' -0" water depth at the shallow end of the pool is acceptable to allow for students to stand and serve as a teaching pool.

Please identify the maximum depth of the pool as there are no standards. Is diving part of the program? A sketch with dimensions is requested to alleviate any confusion.

Additionally, the natatorium layout is problematic, for instance spectators must travel in their dirty street shoes all the way across the room to get to the spectator seating which is unsanitary and maintenance-intensive, especially considering the swim season is during the winter when parking lots and sidewalks may be dirty. Please confirm the layout.

Answer: See Addendum Item C.1.z. above.

- 30.** Question: Reference Article 1.2 B - Components of Response. Per article 1.2 B, 6 items are identified for a responsible proposal. Please confirm the PRP or the issued PRL are not required to be provided with the Technical Proposal. If they are required to be provided again please verify which submission they should be included with.

Answer: Neither the Project Rating Proposal ("PRP") nor the Project Rating Limit (PRL) letter issued by the NJSDA is required to be included in the bidder's Technical Proposal or Price Proposal.

- 31.** Question: Reference Article 3.9 - Small Business Enterprise Forms "B" and "C". Per Article 3.9 only forms B & C are required for the Design Consultant & Design Consultant's subconsultants at the time of the technical submission. SBE Form C included in the RFP states, "I further state that I am aware my firm has been named on Form A as a proposed Subcontractor, Sub-consultant, or Goods and Service provide on the above Contract to meet the General Contractor or Prime Consultant's NJSDA SBE Goals." Please confirm Form A is not required to be submitted with the Technical Submission.

Answer: With respect to consultant SBE participation, the Design Builder and its Design Consultant are required to demonstrate efforts to comply with the Set-Aside Goals for consultant SBE opportunities by submitting with the Technical Proposal the Authority's "SBE Form B" for the Design-Builder's Design Consultant and Design Consultant's subconsultants, and "Form C Certification of SBE Status," as provided by the Authority, showing the Design Builder's efforts to ensure SBE consultant participation in support of the Authority's Set-Aside Goals. Accordingly, the Design-Builder is not required to demonstrate its efforts to comply with the Authority's Set-Aside Goals for construction work until just prior to the issuance of the Notice to Proceed with Construction Work for the Project, when the Design Builder shall be required to submit an executed "SBE Form A" for the Design-Builder and its subcontractors, and an updated "Form C Certification of SBE Status".

32. Question: Form B requires a contract amount and % of total contract for each SBE. Please confirm the contract amount is the amount listed as the Design Services amount on price proposal and this form along with Form C should be included in the sealed price proposal.

Answer: Confirmed. The contract amount listed on Form B is the Design Consultant Services cost for the project. These documents should be included in the Technical Proposal, not the Price Proposal.

33. Question: Reference Form C - SBE Form C - Confirmation of SBE Status and Bid Price. On Form C the lower section is entitled Acknowledgement and Consent (For General Contractor/Prime Consultant Use). Please confirm this is to be filled this section should be filled out the Company (Design Builder or Design Builder's Consultant) that will directly be hiring the SBE firm)

Answer: With respect to the consultant SBE participation, the Design Builder and its Design Consultant are required to demonstrate efforts to comply with the Set-Aside Goals for consultant SBE opportunities by submitting with the Technical Proposal the Authority's "SBE Form B" for the Design-Builder's Design Consultant and Design Consultant's subconsultants, and "Form C Certification of SBE Status," as provided by the Authority, showing the Design Builder's efforts to ensure SBE consultant participation in support of the Authority's Set-Aside Goals.

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 to Addendum #8, Question #1 is modified as follows:

1. Question: Referencing drawing A103 the detail E shows the swimming pool with a tapered depth. Confirmation of the design is requested and identify any educational standards that are required for the pool's construction.

Answer: Refer to Section 2.7 Design Build Information Package Project Manual Volume 1 Design-Build Agreement. The swimming pool design is conceptual only, however, the water depth shall be a minimum of 2 meters (6 feet 7 inches) **at the starting block end and for a distance of 26 feet from the starting block end wall. The depth shall then slope to a depth of 4 feet in a manner consistent with applicable codes, and shall then be level at 4 feet to the turning end wall.** Final design shall be consistent with standards **and recommendations** referenced in Section F1050.10, Paragraph I.C.1.; industry standards; and USA Swimming (usaswimming.org).

2. In Addendum #8, modify Items C.1.g. through m. as follows:

g. **MODIFY:** In Section G2080.00, Landscaping, modify Paragraph I.A.2. as follows:

2. The Design-Builder shall prepare the landscape design and receive approval from the Authority prior to proceeding. The Design-Builder shall prepare the planting pits, beds, raised planters, etc., and shall supply and install the planting medium and plant material including appurtenances. The Design-Builder shall maintain the landscape installation ~~through acceptance and during the subsequent maintenance period of two calendar years~~ **until such time as the landscape materials are established and growing in accordance with the applicable requirements of this Section or the time of Substantial Completion of the Project, whichever is later.**

a. **In the event that the landscape materials are not established and growing in accordance with the applicable requirements this Section at the time of Substantial Completion, the Design-Builder shall be responsible for continued maintenance of the landscape installation until such time as those requirements are met.**

b. **In any event, the Design-Builder shall be responsible for replacing any landscape materials which are dead or dying at the end of the one-year project warranty period.**

h. **MODIFY:** In Section G2080.00, Landscaping, modify Paragraph I.C.2.a. as follows:

a. Prevent contamination of the potable water supply during landscape watering activities prior to acceptance, ~~and during the subsequent two-year maintenance period.~~

i. **MODIFY:** In Section G2080.00, Landscaping, modify Paragraph I.D.1. as follows:

1. Service Life: ~~It is understood that survival of plant material is dependent on original condition and weather conditions as well as routine maintenance.~~ The Design-Builder is responsible for supplying, and properly installing, healthy vigorous plants, and subsequently maintaining those plants ~~during the two-year maintenance period~~ **until such time as the landscape materials are established and growing in accordance with the applicable requirements of this Section or the time of Substantial Completion of the Project, whichever is later.**

a. Topsoil for backfill: Suitable for growing the plants provided, with adequate organic content and nutrients ~~for the first two years~~ **year** of growth, based on recommendations of

established authorities, meeting the minimum standards set forth in the NJDOT specifications.

- b. Provide professional comprehensive regularly scheduled landscape maintenance services of all plants and mulched beds (including weeding of planting beds and tree pits) ~~during the first two years~~ year after completion and acceptance **until the conditions of this Section are met.**
- c. **At the completion of the one-year project warranty period,** ~~the end of the first year of the two-year maintenance period after completion and acceptance,~~ if any plants are dead or dying in the opinion of the owner's representative, replace them with new matching plants. ~~Replacement plants shall be maintained for the duration of the two-year maintenance period.~~

j. **MODIFY:** In Section G2080.00, Landscaping, modify Paragraph III.B.8. as follows:

- 8. Maintain all turfgrass seeded areas at a height of 2½" through regular mowing until ~~acceptance, and for the duration of the two-year maintenance period~~ **grass is well established and exhibits vigorous growing condition for six cuttings.**

k. **MODIFY:** In Section G2080.00, Landscaping, modify Paragraph III.C.8. as follows:

- 8. Maintain sod at a height of 2½" until ~~acceptance, and for the duration of the two-year maintenance period~~ **grass is well established and exhibits vigorous growing condition for six cuttings.**

l. **MODIFY:** In Section G2080.00, Landscaping, modify Paragraph III.E.6. as follows:

- 6. Upon completion of the ~~two-year maintenance agreement~~ **maintenance period as defined herein**, the Design-Builder shall remove and dispose of any residual tree wrap, stakes, guy wires etc.

m. **ADD:** In Section G2080.00, Landscaping, add Paragraph III.G. as follows:

G. Maintenance

1. Maintain plant life immediately after placement until plants are well established and exhibit vigorous growing condition. Maintenance activities include, without limitation, the following:

- a. Cultivation and weeding of planting beds and tree pits.**
- b. Weed control. Apply herbicides and remedy damage from improper use of herbicides.**
- c. Repair of damage caused by insecticides.**
- d. Irrigation sufficient to saturate root system.**
- e. Pruning, including removal of dead or broken branches.**
- f. Disease control.**
- g. Maintenance of wrapping, guy wires and turnbuckles, and stakes. Adjust turnbuckles to keep guy wires tight. Repair or replace accessories when necessary.**
- h. Replacement of mulch.**

2. Turfgrass and Sodded Areas

- a. Perform first mowing when seedlings are 40% higher than desired height. Mow grass at regular intervals to maintain a maximum height of 2-1/2". Do not cut more than 1/3 of grass blade at each mowing.**
- b. Neatly trim edges and hand clip where necessary.**
- c. Immediately remove clippings after mowing and trimming. Do not let clippings lay in clumps.**
- d. Water to prevent grass and soil from drying out.**
- e. Immediately reseed areas showing bare spots.**
- f. Repair washouts or gullies.**
- g. Protect seeded areas with warning signs *during maintenance period.***

3. *Continue maintenance until termination of warranty period.*



Addendum #10

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

Date: January 8, 2016

PROJECT #: WT-0022-B01
New Trenton Central High School
Trenton Public Schools

DESCRIPTION: Addendum #10

Addendum No. 10

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