



Addendum No. 4

New Jersey Schools Development Authority
32 East Front Street
Trenton, NJ 08625
Phone: 609-858-2981

DATE: **November 15, 2019**

PROJECT #: **ET-0100-B01**

DESCRIPTION: **New Plainfield Elementary School**

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supersede the relevant information in the Bid Documents.

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

A. CHANGES TO THE PROCUREMENT PROCESS

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

(Not applicable)

B. CHANGES TO VOLUME 1 OF THE PROJECT MANUAL

1. Modifications to the Technical Proposal Forms

(Not applicable)

2. Modifications to the Design-Build Agreement

(Not applicable)

3. Modifications to the General Requirements

- a. **MODIFY:** In Section 01010, Summary of Work, modify Paragraph 1.4.B.3. as follows:
3. The Emergency Responder Radio System Allowance is provided for necessary Services and Work in the event that it is determined that an Emergency Responder System is required. **The Allowance does not cover the cost of the coaxial cable backbone defined in Section D6000.00 Paragraph I.C.14, nor the costs of testing, existing conditions verification, design, and/or other Services necessary to determine whether utilization of this Allowance is necessary, nor the costs of preparing any relevant cost proposals for submission to the Authority for authorization of the relevant Allowance Work, as these costs shall be included in the Design-Builder's Price Proposal.**

C. CHANGES TO VOLUME 2 OF THE PROJECT MANUAL

1. Modifications to the Performance Specifications

- a. **MODIFY:** In Section B1020.30, Canopy Construction, modify Paragraph II.A.5.c. as follows:
- c. Basis of Design: ~~Centria Series 3000 custom~~ **Custom** wall panels and column covers; **see Table B2010.00-2, Schedule of Other Exterior Materials.**
- b. **MODIFY:** In Section B1020.30, Canopy Construction, modify Paragraph II.A.6.c. as follows:
- c. Basis of Design: ~~Pae-Clad PAC 750,~~ **See Table B2010.00-2, Schedule of Other Exterior Materials.** ~~with~~ **Provide** full venting, secure locking and J-channel trim.
- c. **MODIFY:** In Section B1020.30, Canopy Construction, modify Paragraph II.A.8.d. as follows:
- d. Colors: See Schedule B2010.00-2, Schedule of ~~Exterior Finishes~~ **Other Exterior Materials.**
- d. **MODIFY:** In Section B2010.00, Exterior Walls, modify Paragraph II.A.4. as follows:
4. Metal Panels and Column Covers
- a. Basis of Design: ~~Centria products as follows:~~ **See Table B2010.00-2, Schedule of Other Exterior Materials**
- ~~(1) Metal wall panels: Formawall Dimension Series, 2" thickness.~~
- ~~(2) Column covers: Centria Series 3000.~~

- b. Finish: *See below for metal finishes* **See Table B2010.00-2, Schedule of Other Exterior Materials.**
- e. **MODIFY:** In Section B2010.00, Exterior Walls, modify Paragraph II.A.5.c. as follows:
- c. Finish: *See below for metal finishes* **See Table B2010.00-2, Schedule of Other Exterior Materials.**
- f. **MODIFY:** In Section B2010.00, Exterior Walls, modify Paragraphs II.A.6.c. and II.A.6.d. as follows:
- c. Finish: *See below for metal finishes* **See Table B2010.00-2, Schedule of Other Exterior Materials.**
- d. Basis of Design: *Pac-Clad PAC-750*, **See Table B2010.00-2, Schedule of Other Exterior Materials.** ~~with~~ **Provide** full venting, secure locking and J-channel trim.
- g. **MODIFY:** In Section B2010.00, Exterior Walls, modify Paragraph II.A.7.a. and add Paragraph II.A.7.b. as follows, and renumber subsequent items accordingly:
- a. ~~Unless otherwise indicated, provide Clear~~ **Aluminum: Clear** anodic finish, AAMA 611, AAM12C22A41, Class I, 0.018 mm or thicker.
- (1) Where aluminum piece size or other factors preclude anodizing, provide PPG Duranar XL three-coat system complying with AAMA 2605; color UC106663F Sunstorm Renaissance Silver.**
- b. Painted finishes: PPG Duranar XL three-coat system complying with AAMA 2605.**
- h. **REPLACE:** In Section B2010.00, Exterior Walls, replace Table B2010.00-2 with revised Table B2010.00-2, Schedule of Other Exterior Materials, as follows:

Table B2010.00-2
Schedule of Other Exterior Materials

Type	Material or System	Basis of Design	Finish	Color
AL1	Window and door frames	See Section B2010.00, Exterior Windows.	Clear anodic	Clear
AL2	Window and door frames	See Section B2010.00, Exterior Windows.	Paint	to match Sherwin Williams 7589 Habanero Chile.
CC1	Column cover	Centria Series 3000	Paint	to match Sherwin Williams 7589 Habanero Chile.
FRP1	FRP door	See Section B2050.00, Exterior Doors and Grilles.	Sandstone	Special-Lite #5525 Seawolf
GL-1	Vision glazing	See Section B2010.00, Exterior Windows.	n/a	n/a
GL-2	Spandrel glazing	See Section B2010.00, Exterior Windows.	n/a	n/a
LF-1	Surface-mounted light fixture	See Section D5040.40, Exterior Area Lighting.	Textured aluminum	Clear

Type	Material or System	Basis of Design	Finish	Color
LF-2	Recessed light fixture	See Section D5040.40, Exterior Area Lighting.	Textured aluminum	Clear
MC-1	Metal coping	Pac-Tite Gold Coping	Paint	to match Centria 5012 Marble
MP-1	Metal panel	Centria Formawall Dimension Series	Paint	5012 Marble
MP-2	Metal soffit	Pac-Clad PAC-750	Paint	to match Centria 5012 Marble

- i. **ADD:** In Section C1000.00, Interior Construction, add Paragraphs I.D.2.i.(1), (2) and (3) as follows:

(1) The minimum clear dimensions specified shall be maintained for the entire length of each corridor.

(2) Subject to conformance with all other Project requirements, the maximum finished projection into a program space or corridor shall be 12".

(3) Columns and enclosures may project a maximum of 12" from corridor walls and shall not intrude into the specified minimum clear dimensions.

- j. **ADD:** In Section C2000.00, Interior Finishes, add Paragraph II.D.7. as follows:

7. Flooring Certifications and Testing

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

- k. **ADD:** In Section D1010.00, Vertical Conveying Systems, add Paragraph II.A.3.e.(1) as follows:

(1) Battery lowering of elevators is not acceptable. Provide emergency power operation of all elevators as specified.

- l. **MODIFY:** In Section D2010.60, Plumbing Fixtures, modify Paragraph II.Q.2. as follows:

2. Provide electronic notification of flow status via Building Management System **or other means acceptable to the Authority** to Main Office, Emergency Control Center, Backup Emergency Control Center and Security desk.

- m. **ADD:** In Section D2010.60, Plumbing Fixtures, add Paragraph II.U.3. as follows:

3. Water tempering maybe accomplished with individual tempering valves at each fixture, or by grouping fixtures in a single area (i.e. multiple-user toilet rooms), subject to compliance with code and all Project requirements.

- n. **ADD:** In Section D3000.00, Heating, Ventilation, and Air Conditioning, add Paragraph I.A.9.d.(14)(b) as follows:
- (b) In other electrical rooms, provide conditioning of space to ensure that temperature does not exceed 104 degrees F at any time. Provide dedicated split systems complying with Paragraph I.A.9.d.(13) above if necessary.**
- o. **ADD:** In Section D3000.00, Heating, Ventilation, and Air Conditioning, add Paragraph I.D.4.b.(3)(a) as follows:
- (a) Outside air modulation is not required for systems with constant-volume DOAS systems.**
- p. **ADD:** In Section D3000.00, Heating, Ventilation, and Air Conditioning, add Paragraph II.F.3.e.(1) as follows:
- (1) Water level detectors in the drain pan of fan coil units are not acceptable in lieu of secondary drain pans.**
- q. **DELETE:** In Section D3010.00, Facility Fuel Systems, delete Paragraph I.E.2.b. in its entirety.
- r. **ADD:** In Section D3010.00, Facility Fuel Systems, add Paragraph I.E.3.a.(1) as follows:
- (1) Emergency gas shut-off valves shall only shut off gas service for the rooms in which they are located. There is no “master” emergency gas shut-off valve shutting off gas service to the entire building.**
- s. **ADD:** In Section D3010.00, Facility Fuel Systems, add Paragraph III.A.4.a. as follows:
- a. The minimum height of the gas meter enclosure is eight feet. The Design-Builder shall coordinate with the utility to confirm actual height.**
- t. **MODIFY:** In Section D3010.00, Facility Fuel Systems, modify Paragraph II.B.2.f.(1) as follows:
- (1) Provide sound reduction accessories including **screening and/or** the following factory-installed components and as necessary to reduce system noise to required sound levels **and ensure compliance with N.J.A.C. 7:29 and other applicable codes during operation of chillers and related equipment at any time, including the overnight hours between 10:00 pm and 7:00 am.**

- u. **MODIFY:** In Section D4010.10, Water-Based Fire Suppression, modify Paragraph I.A.3. as follows:
3. **Irrrespective of whether or not required by code, provide** ~~Provide~~ automatic wet-type standpipe system with open water supply valve, capable of supplying water demand and maintaining water pressure.
- v. **MODIFY:** In Section D4010.10, Water-Based Fire Suppression, modify Paragraph I.A.7. as follows:
7. Spaces, areas and systems with **alternate** fire extinguishing systems include:
- w. **MODIFY:** In Section D4010.10, Water-Based Fire Suppression, modify Paragraph I.C.3.b. as follows:
- b. ~~If necessary, obtain~~ **Obtain** new or updated hydrant flow test within time frame required by ~~NFPA 13, NFPA 291~~ **code** and local Authorities Having Jurisdiction.
- (1) Coordinate with local utility to ensure that the flow test is performed during a period of maximum daily demand on the municipal system.**
- x. **ADD:** In Section D5030.10, Branch Circuits, add Paragraph II.D.4. as follows:
- 4. All floor boxes shall include both power and data connectivity unless specifically noted otherwise.**
- y. **ADD:** In Section D7050.00, Detection and Alarm, add Paragraph II.D.3. as follows:
- 3. Devices may be wall-mounted and/or ceiling-mounted as applicable for local conditions and compliant with applicable codes and Authorities Having Jurisdiction.**
- z. **ADD:** In Section E1030.80, Food Service Equipment, add Paragraph I.C.2. as follows and renumber subsequent items accordingly:
- 2. Comply with all requirements of Section D2010.20, Domestic Water Equipment, including Paragraph I.C.3. for lead and particulate filtration, for all plumbing equipment.**

aa. ADD: In Section E1030.80, Food Service Equipment, add Paragraph II.D.11. as follows and renumber subsequent items accordingly:

11. Warewasher, Three-Compartment Sink Type

a. Provide a three-compartment sink-type warewasher as scheduled, with the following:

(1) 2-hp motor.

(2) Stainless Steel pump and impeller.

(3) Adjustable timer.

(4) Self-draining pump.

(5) LEED v4-compliant pre-rinse spray valve.

(a) Basis of Design: Fisher Model 68071.

bb. MODIFY: In Section G0000.00, Sitework (issued with Addendum No.2 as Attachment 2.03), modify Paragraph I.E.2. as follows:

2. Maximum slopes: Comply with all code requirements and the following:

a. All walking surfaces shall comply with the New Jersey Uniform Construction Code Barrier-Free Subcode.

b. The slope of landscaped areas requiring maintenance shall not exceed 2:1.

c. The slope, parallel to the direction of travel, of all roadways shall not exceed 5%.

d. ~~Slopes~~ Other slopes with smooth pavement: 3% or less unless restricted to vehicular use or otherwise noted and shown on the proposed grading plan.

cc. ADD: In Section G2030.00, Pedestrian Plazas and Walkways, add Paragraph I.A.3.j. as follows:

j. Granite inlay compass rose.

dd. ADD: In Section G2030.00, Pedestrian Plazas and Walkways, add Paragraph II.H. as follows:

H. Granite inlay compass rose.

1. Provide granite inlay compass rose as indicated in Drawing SK-01 at flagpole base.

a. Basis of Design: The North Carolina Granite Corp., Mount Airy, NC.

2. Provide inlaid bronze rings and letters as indicated.

3. Basis of Design: J & G Diversified, Inc., New Brunswick, NJ.

ee. **ADD:** In Section G2060.00, Site Development, add Paragraph I.A.2.d.(3) as follows:

(3) U-bollards.

ff. **MODIFY:** In Section G2060.00, Site Development, modify Paragraph II.B.4.a. as follows:

a. ~~The existing backstop and related equipment shall be removed by the Design Builder during construction, stored, and reinstalled at the end of construction. Equipment damaged during removal, storage, and replacement to be replaced by the Design Builder at no cost to the Authority.~~ **Basis of Design: Model 1217-G Layback Arch Backstop by PW Athletic, 14'-6" H x 50" W x 14'-6" D, with galvanized frame and mesh.**

b. Install in full compliance with manufacturer's instructions.

gg. **ADD:** In Section G2060.00, Site Development, add Paragraph II.D.3. as follows:

3. U-Bollards

a. Provide U-shaped pipe guards, 48" x 50", of 3.5" O.D. schedule 40 steel pipe with G90 galvanizing.

(1) Install with top 2'-6" above grade.

(2) Provide 18" dia. x 3'-6" deep concrete footing at each leg location. Recess footing top a minimum of 6" below adjacent concrete sidewalk or asphalt surfaces.

b. Finish

(1) Provide finish paint system matching utility pipe bollards above.

(2) Color: Match Mineral Bronze of decorative security bollards above.

c. Basis of Design: Innoplast U-Shaped Pipe Guard.

hh. **MODIFY:** In Section G3000.00, Liquid and Gas Site Utilities, modify Paragraph II.C.1. as follows:

1. Pipe

a. Use the following:

(1) Reinforced concrete pipe (RCP) as indicated.

~~(2) HDPE pipe and fittings at other locations.~~

b. Do not use:

(1) Cast iron soil pipe and fittings, hubless.

- (2) Clay pipe.
- (3) Copper tube or pipe.
- (4) ABS pipe and fittings.
- (5) HDPE pipe and fittings.**

2. Modifications to the Design Manual

(Not applicable)

D. CHANGES TO VOLUME 3 OF THE PROJECT MANUAL

1. Modifications to the DOE-Approved Documents

- a. REPLACE:** Replace Room Layouts and Fit-Out List Pages E-16, E-17, E-17-1, E-21 and E-28 in their entirety with updated pages dated November 13, 2019 and included herewith as Attachments 4.02 through 4.06.

2. Modifications to the Existing Conditions Reports

(Not applicable)

3. Modifications to the Bridging Design Drawings

- a. REPLACE:** Replace Drawing A-801, Food Service, with updated Drawing A-801 dated November 13, 2019 and included herewith as Attachments 4.07 (pdf) and 4.08 (dwfx).

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

- 1. Question: Exterior Wall Specification B2010.II.A.4 defines the Metal Wall Panels (MP1) as Formawall Dimension Series, and the Column Covers (CC1) as Centria Series 3000. Canopy Specification B1020.30.II.A.5 defines both the Column Covers & Wall Panels as Centria Series 3000. Please clarify the basis-of-design for both Metal Wall Panels (MP1) & Metal Column Covers (CC1).

Response: See Items C.1.a. through C.1.h. above.

- 2. Question: Proposed Site Utility Plan C-05 identifies location of the proposed water meter outside of the building while Architectural Plan A-101 identifies Water Meter Room C-145B inside the building. Please confirm the location of the water meter.

Response: In accordance with Specifications Section 01010 Summary of Work paragraph 1.4 B.5., a Water Meter Pit Allowance is provided for the relocation of the water meter from within the building to a pit at the location noted on the drawing. After application for the water service for the building, should the Water Company require a meter pit, this allowance will

be utilized for design and construction services for the installation of a water meter pit to house both fire and domestic water services.

3. Question: Bridging documents do not designate specific safe haven spaces. Classrooms are understood to be safe havens; are there any other spaces that should be designated as safe havens?

Response: The term “safe haven” has no defined meaning in the Design-Build Information Package. Assuming that the question is intended to identify interior door and glazing security requirements, refer to Specifications Section C1000.00 Interior Construction, Paragraph I.C.3. and Section C1030.00 Interior Doors, Paragraph I.C.3.

4. Question: Along the northern side of the site, retaining wall height is minimal. Can extended curb be utilized in lieu of the retaining wall specs?

Response: No. Provide a concrete retaining wall as indicated.

5. Question: Please confirm that all proposed driveway locations have been reviewed/approved by the City of Plainfield and BOE.

Response: All proposed driveway locations have been approved by the Plainfield BOE and the New Jersey Department of Education. Additionally, the schematic site plan was submitted to the local planning board in accordance with N.J.A.C. Title 6A:26-3.2(c) and 6A:26-5.3(b)4.

6. Question: Along Woodland Avenue (southbound) there is an existing NJ Transit Bus Stop located in close proximity to the entrance driveway. Has the driveway been reviewed by NJ Transit and is the Design-Builder responsible for any coordination with NJ Transit for the bus stop impacts?

Response: The Project has not been reviewed by NJ Transit. The Design-Builder is responsible for any required coordination with NJ Transit.

7. Question: Please furnish specifications, dimensions and details for the granite inlay compass rose base at the base of the flag pole as referenced by Site Plan AS-101.

Response: See Items C.1.cc. and C.1.dd. above and Drawing SK-01, included herewith as Attachment 4.01.

8. Question: Table PS1030.00-01 indicates that STC 45 ratings are required between the Kiln Room and adjacent sensitive spaces. Please advise if this applies for the adjacency to the associated Art Room.

Response: See Addendum No. 1, Item E.20.

9. Question: Table PS1030.00-01 indicates that STC 45 ratings are required between the Storage Rooms and adjacent sensitive spaces. Please advise if this applies

for the adjacency to the space from which the Storage Room is accessed (e.g. C134A to C-134).

Response: See Addendum No. 1, Item E.20.

10. Question: Table PS1030.00-01 indicates that STC 50 ratings are required between the Cafetorium and adjacent spaces. Please advise if this applies for the adjacency to Food Service, including the effect of the swinging doors and roll-up doors. In particular, the D/B is concerned that rollup doors are typically limited to STC 30, which would not comply with a composite rating of STC 50 even when considering a higher performing wall.

Response: See Addendum No. 1, Item E.20.

11. Question: Please advise if a suspended acoustic ceiling is an acceptable option for the Media Center/Reading Room/Stacks areas.

Response: No. Provide exposed structure as specified.

12. Question: Please issue the Exterior A – Weighted Noise Levels/Study mentioned in the Project Criteria performance spec. as it is needed to evaluate the façade and complete the acoustic approach.

Response: See Addendum No. 2, Attachment 2.04.

13. Question: Is there a difference in the space application of the hard wired gas control valves specified in Contract Specification D3010.00, I, E, 2, b and the master gas control valves specified in Contract Specification D3010.00, I, E, 3.

Response: See Item C.1.r. above.

14. Question: Contract Drawings (Bridge Drawings) do not indicate a location for the elevator control room. Is there a room required? Please clarify.

Response: The specifications call for a machine-room-less elevator. The Design-Builder is responsible for placement of the controller and other components in a code-compliant location acceptable to the manufacturer.

15. Question: Contract Specification D6000.00, I, C, 15, and 16 refer to Sections D6020 and D6060 which are not included in the Contract Documents. Please provide those specifications or clarify.

Response: As indicated in the references, Sections D6020 and D6060 are part of SDA's Materials and Systems Standards, which are included by reference as part of the Design-Build Information Package. See Design-Build Agreement Paragraph 1.54.

16. Question: Are the speakers and combination speaker/strobes for the fire alarm system under Contract Specification D7050.00, II, D required to be ceiling or wall mounted?
- Response: See Item C.1.y. above.
17. Question: Food Service Contract Drawing (Bridge Drawing) A-801 does not provide information for the exhaust hoods that may be required for kitchen equipment identified in the kitchen schedule by the numbers 9, 9a, 11, 12, 13, 15, 17 and 18.
- Response: See Section E1030.80, Food Service Equipment, Paragraph II.D.9. and related requirements for exhaust hoods in numerous Element D sections and elsewhere.
18. Question: Contract Specification D2010.60, II, A requires for all water closets to be floor mounted fixtures. However, Contract Drawing (Bridge Drawings) A-101 and A-102 and the Furniture Layout Plans E-1 to E-37 appear to depict wall-mounted water closets.
- Response: Provide floor-mounted fixtures as specified.
19. Question: Verify that the Integrated Automation Control of HVAC Systems required by Contract Specification D8010.50 is to be fully hard wired at as indicated in I,B, 1, a, or if wireless technology if an acceptable installation.
- Response: Provide a fully hard-wired system as specified.
20. Question: Additional information is required for the type of pre-action type sprinkler system for the Electrical Rooms, Electrical Closets, MDF room, IDF Closet, Emergency Control Room and Back Up Emergency Control Room (Custodian's Office #C146). Contract Specification D4010.10, I, A, 8 and II, A to E does not provide sufficient information to price those pre-action systems.
- Response: Double-interlock systems are not required. Pre-action sprinkler systems are required in all Electrical Closets and IDF Closets.
21. Question: Contract Specification E1030.80 is missing information in Section II, D for the ware washer machine required by Contract Drawing (Bridge Drawing) A- 801.
- Response: See Item C.1.aa. above and Section E1030.80, Paragraph II.D.10.
22. Question: Verify if the oven conveyor identified as equipment #15 in Contract Drawings (Bridge Drawings) A-801 requires an exhaust hood.
- Response: Confirmed. See Section E1030.80, Food Service Equipment, Paragraph II.D.9.

23. Question: Specification Section B2080.00-Exterior Wall Appurtenances, paragraph II. C., refers to the requirement to provide up to fifty characters for the building identification signage, whereas Drawings A-204 and A-205 show that the building identification signage consists of twenty-nine characters. Please clarify.

Response: The final wording has not been determined. Provide up to fifty letters 24" tall as specified.

24. Question: Please confirm that the existing temporary fencing at the site will be acceptable for use in satisfying the requirement to provide the temporary site enclosure/security fencing as described by Specification Section 01500-Temporary Facilities and Controls, paragraph 2.1 C.

Response: The Authority will permit the Design-Builder to utilize the existing fence, upon making any necessary improvements or repairs to bring the existing fence into compliance with all Project requirements. Further, the Design-Builder is required by contract to maintain site security, including the integrity of the security fence and to make any modifications that may be necessary for support or to facilitate construction (e.g., installation of additional supports, secure entry gates, etc.).

25. Question: Please furnish the information which Specification Section PS1030.00, page 11 of 11, identifies as "Figure PS1030.00-01 Exterior A-Weighted Noise Levels (to be issued by addendum)."

Response: See Addendum No. 2, Attachment 2.04.

26. Question: Provide specification and/or basis of design for the lead filtration system required by Contract Specification D2010.60, I, C, 2 and D2010.20, I, C, 3, b.

Response: The cited paragraphs provide a thorough performance specification for lead and particulate filtration.

27. Question: Verify that all urinals required for the project are to be ware less type urinals, and if so, provide list of manufacturers' to be used as basis of design.

Response: See Addendum No. 2, Item C.1.e.

28. Question: Are the water tempering devices indicated in Contract Specification D2010.60, II, U, required to be local (at each fixture) or can the tempering devices be master type devices installed at the hot water supply main from the hot water heater?

Response: See Item C.1.m. above.

29. Question: Verify that the scald protection valve for emergency showers and eye wash units are to be connected to the BMS system as indicated in Contract Specification D2010.60, II, Q.

Response: Electronic notification here refers to flow status, not to the scald protection valve *per se*. See also Item C.1.1. above.

30. Question: Contract Specification D2010.20, I, A, 2, d refers to deionization systems for domestic water. Provide list of plumbing fixtures that require that deionization system and the basis of design (reference manufacturing company).

Response: This Project includes no deionization equipment.

31. Question: Provide basis of design (reference manufacturing company) for the domestic water conditioning system required by Contract Specification D2010.20, I, B, 2, a.

Response: The conditioning requirements (if any) will be determined during review of the Design-Builder's findings and recommendations as called for in Section D2010.20 Paragraph I.B.3.a. The Water Conditioning Allowance shall be utilized for the cost of the system (if any).

32. Question: The Utility Investigation Report included in the Bid Documents and Contract Specification G3000.00 does not provide any information with respect to the available gas pressure to service the proposed school. In order to quantify in the bid the cost for gas booster pressure pumps or gas pressure reducing equipment, the following information is required:

- a. What is the available gas pressure of the proposed gas service to the school?
- b. If the service is low pressure and not enough to service the one (1) emergency generator, three (3) boilers, two (2) domestic water heaters, etc., and a gas booster pump is necessary, provide information on the required location for the gas booster pump.
- c. If gas booster pressure equipment is required, provide specifications for that system and indicate if it needs to be a simplex or duplex pump system.
- d. If gas booster pressure equipment is required, is a single system required for the entire school, or two (2) separate systems (one for dedicated service to emergency generators and another system for the rest of the gas fired equipment).
- e. If gas booster equipment is required, how will the gas booster pumps be powered, when normal power is lost, in order to initiate operation of the gas booster (there will be at least an 8 to 10 second delay between transferring from normal to emergency power)?

Response: Bidders should assume that sufficient gas pressure exists.

33. Question: Provide guidance as to expected method to drain the various canopies for this project; can they spill rainwater to the site or are they expected to be connected to the internal storm drainage system for the roofs of the building?

Response: See Section B1020.30, Canopy Construction, Paragraph III.E.

34. Question: Contract Specification D7050.00 is not clear in the requirements to install water, electric and gas sub-meters that must be integrated to the Automatic Temperature Control System (ATC) for tracking utility usage in this building.

In order to quantify in the bid, the cost for all required sub-meters for this project, provide information as to where and/or what systems are required to have:

- a. Water sub-meters
- b. Gas sub-meters
- c. Electrical sub-meters (watt meters).

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

35. Question: Are the utility meters for gas, water and electrical required to be integrated to the automatic temperature controls system for this project? If so, were the utility companies made aware of that requirement to connect utility meters to the ATC system during the "Utility Capacity Verification" and request for "Will Service Letters" coordination phase prior to issuing the project for bid? The reason for this RFI is that there are utility companies that do not permit for their meters to be connected to an ATC system. Please clarify.

Response: While there is no requirement to do so, integration of utility metering with the Building Management System may be a method for satisfying LEED sub-metering requirements. The Design-Builder shall be responsible for determining the viability of such integration in developing its proposed approach to LEED and LEED certification level.

F. CHANGES TO PREVIOUS ADDENDA:

(Not applicable)

G. ATTACHMENTS

Attachment 4.01 SK-01 Plan of Granite Compass Rose at Flagpole Base, November 4, 2019

Attachment 4.02 E-16 Instrumental Music

Attachment 4.03 E-17 Cafeteria

Attachment 4.04 E-17.1 Cafeteria

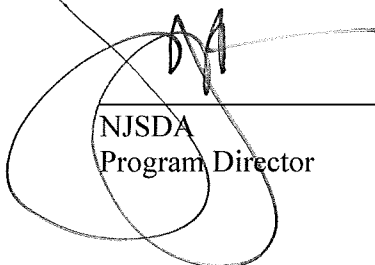
- Attachment 4.05 E-21 PE Office
- Attachment 4.06 E-28 Computer Lab
- Attachment 4.07 A-801 Food Service (pdf)
- Attachment 4.08 A-801 Food Service (dwfx)

H. SUPPLEMENTAL INFORMATION

(Not applicable)

Any bidder attempting to contact government officials (elected or appointed), including NJSDA Board members, NJSDA Staff (except for Procurement), Selection Committee members, NJSDA Consultants, and School District officials for information relating to this project or in an effort to influence the selection process may be immediately disqualified.

End of Addendum No. 4



NJSDA
Program Director

11/15/19

Date



Addendum No. 4

New Jersey Schools Development Authority
32 East Front Street
Trenton, NJ 08625
Phone: 609-858-2981

DATE: November 15, 2019

PROJECT #: ET-0100-B01

DESCRIPTION: New Plainfield Elementary School
Addendum No. 4

Acknowledgement of Receipt of Addendum

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via email to Alison Perry at aperry@njsda.gov. Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section F.5 of the Price Proposal Submission for Design Build Projects.

Signature

Print Name

Company Name

Date