
Addendum #2

NJSDA
32 E Front Street
Trenton, NJ 08625
Phone: 609-858-2981

Date: May 15, 2018

PROJECT #: CA-0022-B01

DESCRIPTION: NEW CAMDEN HIGH SCHOOL

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

A. CHANGES TO THE PROCUREMENT PROCESS:

1. 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 Specification

- a. REPLACE:** In Section 01500, Temporary Facilities and Controls, replace Figure 01500-1 with revised Figure 01500-1 dated January 17, 2018 and attached herewith as Attachment 2.1.

2. Volume 2 Performance Specifications

- a. ADD:** In Section C1000.00, Interior Construction, add Paragraph I.B.5.a. as follows:

a. Rooms with Exposed Structure

(1) The following rooms shall have exposed steel structure in lieu of suspended or other ceilings:

- (a) Art Rooms (including Support Spaces)**
- (b) Black Box Theater**

- (c) Library/Learning Resource Center
- (d) Learning Resource Center/Math Lab
- (e) Learning Resource Center/Cardio-Fitness Center
- (f) Construction Technology Lab
- (g) Auditorium
- (h) Stage
- (i) Set Building/Prop Room
- (j) Gymnasium
- (k) Auxiliary Gymnasium
- (l) Tower
- (m) Custodial Closets
- (n) Mechanical and Electrical Rooms
- (2) Provide acoustical deck and other horizontal and/or vertical treatments that will provide the required level of acoustical performance for each space.
- (3) Provide spiral metal ductwork and associated accessories for all exposed ductwork.
- (4) Organize all structural elements, acoustical treatments, lighting, ductwork and HVAC equipment, sprinkler and other piping, electrical conduit, and other fixtures and equipment in a systematic manner that will support the room's functions and activities and provide a pleasing and orderly visual appearance.
- (5) Coordinate all trades to eliminate interferences and provide all operational, maintenance and code-mandated clearances.
- (6) Paint structure, underside of deck and all ductwork and accessories, HVAC and electrical equipment, piping, and other suspended components, in colors as follows:
 - (a) Auditorium, Stage and Black Box Theater: Flat black.
 - (b) All others: Match general wall color.
- (7) Provide complete, dimensioned reflected ceiling plans and sections for each space at the Preliminary Design Phase, showing all structural elements, fixtures and equipment.
- (8) Enforce compliance with approved reflected ceiling plans by all trades during construction.

b. MODIFY:

In Section B2010.00, Exterior Walls, modify Paragraphs II.A.4. and 5. as follows:

4. Metal Copings, Gutters and Fascia
 - a. ~~Clear anodic finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.~~ **Provide factory-fabricated metal copings, gutters and fasciae.**
 - b. **Provide matching factory-fabricated corners and terminations, with all joints welded and ground.**
 - c. **Paint finish: PPG Duranar XL three-coat system complying with AAMA 2605 unless otherwise indicated.**
 - (1) **Provide manufacturer's standard color to match anodized aluminum**
 - (2) **Provide field touch-up of field joints and imperfections to provide uniform appearance.**

5. Metal ~~Spandrel~~ Panels
 - a. ~~Clear anodic finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.~~ **Basis of Design: Alucobond Rainscreen II System by 3A Composites.**
 - (1) **Provide a complete, integrated system as approved by panel manufacturer, including thermally broken clips and fasteners, weeps and baffles, air- and-moisture barrier, flashings, insulation, sheathing, and attachment to backing wall assembly.**
 - (2) **Provide approved accessories and closure components at all specific conditions, including without limitation all parapets, base conditions, horizontal and vertical joints, and openings.**
 - (3) **Provide panel manufacturer's certification that it has inspected and approved the complete, weathertight assembly before panel installation and found it to be satisfactory.**
 - (4) **Provide panels with fire-resistant core where required to meet code requirements.**
 - (5) **Clear anodic finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.**

c. **MODIFY:** In Section C1090.60, Safety Specialties, modify Paragraph II.B.1.a. as follows:

- a. Provide recessed ~~or semi-recessed~~ units approximately 15.25" wide x 15" high x 7.25" deep, ~~protruding no more than 4" from wall surface.~~

d. **ADD:** In Section D2010.20, Domestic Water Equipment, add Paragraph I.C.4. as follows:

4. Rooms with exposed structure: See Section C1000.00 for plumbing requirements in rooms with exposed structure.

e. **ADD:** In Section D3000.00, Heating Ventilation, and Air Conditioning (HVAC), add Paragraph I.B.4. as follows:

4. Rooms with exposed structure: See Section C1000.00 for HVAC requirements in rooms with exposed structure.

f. **ADD:** In Section D4010.10, Water-Based Fire Suppression, add Paragraph I.B.1.h. as follows:

h. Rooms with exposed structure: See Section C1000.00 for sprinkler requirements in rooms with exposed structure.

g. **ADD:** In Section D5020.00, Electrical Service and Distribution, add Paragraph I.B.2.d. as follows:

4. Rooms with exposed structure: See Section C1000.00 for electrical requirements in rooms with exposed structure.

h. **ADD:** In Section 5040.30, Interior Lighting, add Paragraph I.B.4. as follows:

4. Appearance

a. Rooms with exposed structure: See Section C1000.00 for lighting requirements in rooms with exposed structure.

i. **ADD:** In Section 5040.30, Interior Lighting, add Paragraphs II.A.17. through 23. as follows:

17. School logo accent lighting in Tower: Asymmetric LED linear surface wall mount. Arrange fixtures on upper part of three bulkheads/sidewalls of tower. Provide continuous Lengths as required. Basis of Design: Winona 801L Windirect series.

18. School name accent lighting in Public Lobby/Gallery: LED linear recessed wall washer with frosted flat plastic lens. Provide continuous lengths within ACT ceiling system areas. Basis of Design: ALW Lighting, Lightplane series 3.5WWT.

19. Ceiling-mounted fixtures in Tower: Single linear tubular LED, 84" L x 2.75" D, pendent-mounted tubes. Arrange in multiple clusters of varying lengths, with 20 tubes minimum per cluster, to

achieve 10fc maintained at the floor level. Basis of Design: Waldmann Lighting Company, RL70 series.

20. Display niche in Stair B: Stem-mounted LED 4'-0" linear surface fixture. Basis of Design: ALD Lighting Commalite CML series.

21. Dining/Large Group: Pendant-mounted 96" x 9-3/4" 2-lamp fluorescent, with 10% uplight, white steel cross baffle and wide distribution option. Arrange in continuous rows perpendicular to window wall. Fixture rows at opposite end of window wall to follow irregular contour of table layout. Basis of Design: Lithonia MS8.

22. Dining/Large Group: Pendant-mounted 6" cylinder LED downlight with clear aperture and semi-specular finish. Provide single row following irregular contour of table layout. Basis of Design: Gotham EVO series.

23. Servery: Recessed 6" LED downlight with clear aperture and semi-specular finish. Provide a single row parallel and perpendicular to servery area. Basis of Design: Gotham EVO series.

j. ADD: In Section D6000.00, Communications, add Paragraph I.A.5. as follows:

5. Rooms with exposed structure: See Section C1000.00 for communications requirements in rooms with exposed structure.

3. Modifications to the Design Manual

a. REPLACE: On Page 2, replace the section "Submission Requirements (Quantities)" in its entirety with the following:

Submission Requirements (Quantities)

A. Design Phase Submissions

- 1. Preliminary and Final Design:** Three complete, full-sized sets of all deliverables and two half-sized sets of all large-format deliverables.
- 2. Design Resubmissions:** Three full-sized copies of *modified deliverables or sheets only*, and two half-sized copies of *modified* large-format deliverable sheets.
- 3. Final Design Phase Submissions:** Upon acceptance of submission, six complete, full-sized sets of all deliverables and one half-sized set of all large-format deliverables.

B. Final Educational Adequacy (FEA) Submissions

1. For the Authority's review prior to submission to DOE: Three complete, full-sized sets of all deliverables and two half-sized sets of all large-format deliverables.
2. FEA Resubmissions: Three full-sized copies of *modified deliverables or sheets only*, and two half-sized copies of *modified* large-format deliverable sheets.
3. FEA Final Submission: Upon acceptance of submission by the Authority and DOE, six complete, full-sized sets of all deliverables, signed and sealed, and one half-sized set of all large-format deliverables.

C. DCA Plan Release Submissions

1. Plan Review Submissions: Three complete, full-sized sets of all documents and one half-sized set of all large-format documents, simultaneous with electronic submission to DCA.
2. Plan Review Resubmissions: Three full-sized copies of *modified deliverables or sheets only*, and two half-sized copies of *modified* large-format deliverable sheets.
3. Final Plan Release Submission: Following complete DCA Plan Release, four complete, full-sized sets of all released deliverables, signed and sealed.

C. CHANGES TO THE DRAWINGS:

1. Not Applicable.

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

1. Question: The RFP requires "six complete full sized sets of deliverables and one half sized set of all large format deliverables" for all Preliminary and Final Design phase submissions, and for the DOE Final Educational Adequacy Submission (for SDA review prior to submission to the DOE). a. Is it possible to reduce the number of full sized sets required for these submissions?

Answer: Refer to Changes in the Project Manual, Item B.3 in this Addendum.

2. Question: The RFP requires "three complete, full sized sets of all documents and one half-sized set of all large format documents" for the DCA Plan Release submission. The DCA has moved to an electronic plan review and release submission, and does not want hard copies. a. Is it possible to eliminate the requirement for hard copies as part of the DCA Plan Release submission, or if not eliminate entirely, reduce the number?

Answer: Refer to Changes in Project Manual, Item B.3 in this Addendum.

3. Question: Per Section D1010.00 (Vertical Conveying Systems) it references an elevator speed of 100/150 fpm. Should it be 100 or 150?
- Answer: Any elevator speed in that range is acceptable.
4. Question: Roof Plan A-103 depicts (2) generators. Where is the 3rd generator (not shown) proposed to be located?
- Answer: This project will receive (2) generators, as depicted on Sheet A-103.
5. Question: Will PVC be allowed for all above and below ground sanitary and storm piping applications?
- Answer: No. PVC is not allowed for all above and below ground sanitary and storm piping applications.
6. Question: Per Section B2050.00 and C1030.00, they indicate that there are proprietary specifications for the Exit Devices: Von Duprin, Locksets and Latches: Arrow QL and Keying and Lock Cores: Schlage Primus, however the Hardware Sets sometimes indicate different manufacturers (i.e. BEST Apex Exit Devices). Please confirm that we shall comply with the proprietary specifications.
- Answer: Confirmed
7. Question: Will the Authority please provide an allowance for the E-Rate work for the project?
- Answer: No
8. Question: Per B2010.40 (Curtain Wall Assemblies), a Uniform Load Structural Test, Air Infiltration Test, Water Resistance Test and Condensation Resistance Factor are all required. Are these all necessary or can previous test calculations by the manufacturer be utilized?
- Answer: Test calculations may be provided by the Manufacturer to confirm compliance with Specification requirements. However, Field Testing may be required at the discretion of the SDA.
9. Question: Per Section G2060.00 (Site Development), Ameristar Montage II is the Basis of Design (BOD) for the Ornamental Picket Fence. Can you provide an “or equal” product
- Answer: No. The Basis of Design (BOD) standard establishes the quality, and salient physical, functional and performance characteristics that must be met in the design and construction of the project. The Design Build needs to refer to Specification Section 01600 Product and Substitutions regarding the process of submitting an “or equal product.”

10. Question: Per B2010.00 (Exterior Walls), Section I., D., a: it states to “provide cold-formed metal framing backup construction at all masonry-clad exterior walls, subject to partition and finish specifications and all other project requirements, except where masonry interior partitions are called for, in which case the backup material shall be concrete masonry.” Will concrete masonry be an acceptable backup material at ALL exterior walls?

Answer: Yes. Concrete masonry is an acceptable backup material at all exterior walls.

11. Question: The March 20, 2018 Geophysical Investigation Summary Report prepared by Brinkerhoff indicates that an Underground Storage Tank (UST) was located at TP-12. The test pit log indicates that the UST is 42” in diameter and 12’ long and that soil staining/strong odor was observed. However, the April 5, 2018 Remedial Investigation Report/Remedial Action Work Plan prepared by Brinkerhoff does not discuss this UST. The contract drawings require the Design Builder to remove the UST. Has the LSRP determined if the UST is an NJDEP regulated or non-regulated UST? If the UST is regulated, has the LSRP registered the UST and will subsequently submit a request for closure to the NJDEP? What is the contents of the UST? How much liquid and sludge is in the UST? Is the Design Builder responsible for the removal of any impacted soil?

Answer: The Design Builder will not be responsible for any work associated with this UST as it will be removed and remediated by the Demolition Contractor.

12. Question: Section A6020.00 (Radon Mitigation) of the RFP requires installation of a radon mitigation system. Item A.4 of that Section indicates that the radon mitigation subsurface ventilation system shall be consistent with the other elements of the vapor intrusion system. However, there is no requirement in the RFP to install a vapor intrusion system. Please confirm that only a Radon Mitigation System is required for this project.

Answer: Confirmed this project only requires a Radon Mitigation System.

13. Question: Item H of Section G107.00 (Site Earth Work) of the RFP requires the preparation of a Dewatering Plan, if required by on-site conditions. Item H.4 indicates that the Design-Builder shall perform supplemental characterization, if necessary, to facilitate acceptance of the disposal facility or Authorities having jurisdiction. The RFP does not provide any ground water quality data which would be the basis for the collection/analysis of supplemental ground water data to facilitate disposal approval. Please provide ground water data.

Answer: Refer to the Geotechnical Report in Volume 3 of the Design Build Information Package for ground water elevations, it is not anticipated that Dewatering of ground water will be necessary on this project. However, if Dewatering is required, the Design-Builder is responsible to follow all local, state, and federal regulations.

14. Question: An EO-215 does not appear to be included in the RFP package. If one was completed please provide. If it was not completed please confirm that an EO-215 is not required.

Answer: An EO-215 was prepared, submitted, and approved by DEP for the demolition portion of this project. A supplementary EO-215 for new construction will need to be completed by the Design-Builder and submitted to the DEP. A copy of the previously approved EO-215 will be provided to the successful bidder.

15. Question: Is the Design Builder required to conduct the IEHA?

Answer: The Design Builder is not required to conduct the IEHA, but is required to cooperate and coordinate with the NJSDA's Consultant in their preparation of these documents.

16. Question: The April 5, 2018 Remedial Investigation Report/Remedial Action Work Plan prepared by Brinkerhoff references an April 24, 2017 PA/SI report. A copy of this report may provide additional information that will be used in the preparation of the bid package. Please provide a copy of this report.

Answer: The Remedial Investigation Report/Remedial Action Work Plan (RIR/RAWP) dated April 5, 2018, summarizes the April 24, 2017 PA/SI Report. The RIR/RAWP identifies and qualifies all condition to be encountered and remedied by the Design Builder in order to achieve a Remedial Action Outcome by NJ DEP.

17. Question: Section PS1030.00, I.B.2.g.(1)(b): Do "walkways, streets or roadways" include the sidewalks and parking lots of the school or does this refer only to offsite walkways, streets or roadways? LEED points?

Answer: This requirement is intended for offsite walkways, streets and roadways.

18. Question: Section PS1030.00, I.B.2.g.(1)(c): Does the STC 50 requirement apply for the classroom facades near the Outdoor PE Area, Meditative Garden, Amphitheater, and/or Outdoor Project Area?

Answer: This requirements applies only to classroom facades near the Outdoor PE Area, Amphitheater and Outdoor Project Area.

19. Question: Please advise if the following spaces are considered Music Rooms for sound isolation purposes (STC): Black Box Theater (C-220); Dance Studio (C-217); TV Broadcast Studio (C-123); Recording Booth (B-149C); Stage (B128B); Auditorium (B-128); Practice Rooms (B-130, B-131, B148C, B149B).

Answer: Yes, these spaces are considered Music Rooms for sound isolation purposes.

20. Question: Please advise if the following spaces are considered Music Rooms for sound isolation purposes (STC): Black Box Theater (C-220); Dance Studio (C-217);

TV Broadcast Studio (C-123); Recording Booth (B-149C); Stage (B128B); Auditorium (B-128); Practice Rooms (B-130, B-131, B148C, B149B).

Answer: See Response to Bidders Question #19 listed above.

21. Question: Please advise if the following spaces are considered Gymnasias for sound isolation purposes (STC): Weight Room (B-108); Training Area/Storage (B-106); Dance Studio (C-217); LRC/Cardio Fitness Center (A-120).

Answer: The Weight Room (B-108) and Training Area/Storage (B-106) are considered Gymnasias for sound isolation purposes, however, the Dance Studio (C-217) and LRC/Cardio Fitness Center (A-120) are not.

22. Question: Please advise if the following spaces are considered Core-Learning Spaces or Ancillary Learning Spaces: OT/PT (B206); Libraries, Learning Resource Center (A-213); Autistic Sensory Room (A-238); Speech Therapy Offices; SBYS Group Rooms; Quiet Reading Rooms.

Answer: These spaces are considered Core Learning Spaces.

23. Question: Regarding the background sound level design goals, should the Auditorium, Stage, Recording Booth, Dance Studio, Black Box Theater, and/or TV Broadcast Studio be treated as performance spaces (25 dBA, ASHRAE) or an ancillary learning space (40 dBA, ANSI)?

Answer: Neither. These spaces are considered Core Learning Spaces.

24. Question: The ANSI S12.60 standard specifically states that in new construction, dance studios shall not be constructed over core-learning spaces. The floor plans show Dance Studio C-217 above Engineering/Robotics Lab C-131. Please advise appropriate course of action as this adjacency is not permitted by ANSI S12.60. This same problem exists with the Black Box above the Cisco Lab, if high floor-impact activities are anticipated in the Black Box (please advise).

Answer: The Design-Builder shall provide the Dance Studio C-217 above the Engineering/Robotics lab C-131 with an IIC Rating separating the floor/ceiling assembly of at least IIC 70. The Black Box Theater above the Cisco Lab shall receive an IIC Rating separating the floor/ceiling assembly of at least IIC 45.

25. Question: Please advise if rooftop mechanical equipment will need to operate during nighttime hours (10pm-7am) and will be subject to the nighttime limits of the NJDEP noise regulation.

Answer: The rooftop mechanical equipment Hours of Operation are 7 am to 10 pm.

26. Question: While emergency operation of the generators is exempt from the NJDEP noise regulation, periodic testing is not. Can it be assumed that the generators will only

be tested during daytime hours (7am-10pm) and they will not be tested simultaneously?

Answer: Emergency Generator will only be tested during daytime hours and it is not anticipated to have multiple generators tested simultaneously.

27. Question: Please advise how many measurement locations will be required for the baseline noise study.

Answer: The Baseline Noise Study will require at a minimum three (3) measurement locations.

E. CHANGES TO PREVIOUS ADDENDA:

1. Not applicable.

F. ATTACHMENTS

1. Attachment 2.1 Specification Section 01500 Figure 01500-1 Project Identification Sign, January 17, 2018

G. SUPPLEMENTAL INFORMATION

1. Not applicable.

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

End of Addendum No. 2



NJSDA Date 5/15/18
Thomas B. Schrum



Addendum #2

NJSDA
32 E. Front Street
Trenton, NJ 08625
Phone:

Date: May 15, 2018

PROJECT #: CA-0022-B01
New Camden High School
City of Camden Public Schools

DESCRIPTION: Addendum 2

Addendum No. 2

Acknowledgement of Receipt of Addendum

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

Signature

Print Name

Company Name

Date