



Addendum No. 4

NJSDA
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Date: June 20, 2013

PROJECT #: JE-0010-C01

DESCRIPTION: Jersey City New PS No.20 E.S

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 supercede the relevant information in the Bid Documents.

A. CHANGES TO THE PROCUREMENT PROCESS:

1. Not applicable.

B. CHANGES TO THE PROJECT MANUAL:

1. Revisions to the Specifications:

a. REVISE:

The following Specifications issued with the original bid documents should be revised as noted below:

- a. Table of Contents: Add Specification 014500 Quality Requirements
- b. Table of Contents: Add Specification 019115 Commissioning Process
- c. Table of Contents: Add Specification 019116 Building Exterior Enclosure Commissioning
- d. Table of Contents: Delete Specification 105613 Storage Shelving
- e. Table of Contents: Add Specification 274200 Radio Repeater System
- f. 075220 Modified Bituminous Membrane Roofing: Paragraph 2.6.K.1 shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.)
Pad Size: 3'-0" x 4'-0". **Pad Size: 2'-0" x 3'-0" x ½" thick.**
- g. 116123 Folding and Portable Stages: Paragraph 2.3.D.1 shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Stage Platform Height: As indicated.* **Stage Platform Height: 18"**.
- h. 116123 Folding and Portable Stages: Paragraph 2.4.D.1 shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Seating-Platform Riser Height: As indicated.* **Seating-Platform Riser Height: 18"**.
- i. 116623 Gymnasium Equipment: Paragraph 1.1.A shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *This Section includes the handling and installation of Owner furnished gymnasium equipment, including, but not limited to:* **This Section includes the purchase and installation of gymnasium equipment, including, but not limited to:**
- j. 116653 Gymnasium Dividers: Paragraph 2.2.B.4 shall be added as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) **Divider Curtain Length: 46 feet.**
- k. 323132 Vehicular Slide Gate Operator: Paragraph 1.3.D shall be added as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) **Aluminum Cantilever Sliding Gate Specification Section 323100.**
- l. 323132 Vehicular Slide Gate Operator: Paragraph 2.1.A shall be added as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *The system as described herein is based on the 9150 series vehicular slide gate operator system, manufactured by DoorKing, Inc., Inglewood, California* **The system as described herein is based on the 9150 series vehicular slide gate operator system, manufactured by DoorKing, Inc.**

b. REPLACE:

The following Specification Sections issued with the original bid documents should be deleted in their entirety and replaced with the revised Specification Sections of the same names:

- a. 084113 Aluminum-Framed Entrances and Storefronts
- b. 085113 Aluminum Windows
- c. 115213 Projection Screens
- d. 210000 Basic Fire Suppression Requirements
- e. 260721 Fire Alarm
- f. 262416 Panelboards
- g. 265100 Interior Lighting
- h. 265600 Exterior Lighting
- i. 323100 Aluminum Cantilever Sliding Gate

c. DELETE:

The following Specification Sections were issued with the original bid documents but are now being deleted to the Project Manual.

- a. 105613 Storage Shelving

d. ADD:

The following Specification Sections were not issued with the original bid documents but are now being added to the Project Manual:

- a. 014500 Quality Requirements
- b. 019115 Commissioning Process
- c. 019116 Building Exterior Enclosure Commissioning
- d. 274200 Radio Repeater System

C. CHANGES TO THE DRAWINGS:

- 1. Modifications to the Drawings:

a. REVISE:

The following Drawings issued with the original bid documents should be revised as noted below:

- a. Cover Sheet shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Revision #3—Revised per DCA Comments 4.08.2013 & General Revisions: **Revision #7 – Addendum #4.***
- b. Cover Sheet shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *April 26, 2013: **June 20, 2013.***
- c. Drawing A-10.B shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Delete enlarged plan detail tag 1/A-93 on left at Kitchen B-171 per Addendum #2, Item D.35.*
- d. Drawing A-40, Detail 1, shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Delete Revision Bubble #1 at text that states ‘Compacted Stone Fill’. **Relocate Revision Bubble #1 at text that states ‘Contin. Vapor Barrier’.***
- e. Drawing A-101, Detail 1, shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Delete notes that state ‘Flush Floor Anchors for Volleyball Net’. **Replace note to state ‘Flush Floor Anchors for Volleyball Net – Coordinate Depth Requirements with Floating Floor Requirements’.***
- f. Drawing A-101, Detail 1, shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Delete note that states ‘Total Bleacher Capacity = 114 seats’. **Replace note to state ‘Total Bleacher Capacity = 116 seats + 8 Barrier Free seats; or 136 Non-Barrier-Free seats’.***
- g. Drawing FF-06, Detail 1, shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) *Delete key tag #7 that states ‘Car Sounds Panel’. **Replace key tag #7 to state ‘Farm Animals Panel’.***

- h. Drawing S-2.0, Cast in Place Concrete Note #2 shall be revised as follows (additions in **bold and underlined** text; deletions in *strikethrough and italics*.) ~~All concrete, except slabs on grade, shall attain 3000 PSI compressive strength at 28 days. All concrete for slabs on grade shall attain 3500 PSI compressive strength at 28 days. All concrete shall attain 4000 PSI compressive strength at 28 days.~~ **All concrete, except slabs on grade and supported composite slabs, shall attain 3000 PSI compressive strength at 28 days. All concrete for slabs on grade shall attain 3500 PSI compressive strength at 28 days. All concrete for supported composite slabs shall attain 4000 PSI compressive strength at 28 days.**

b. REPLACE:

Substitute the following Drawings, noted as Revision #4, dated 6/20/2013:

a. GENERAL

T-01 List of Drawings, General Notes, Abbreviations & Legends

b. CIVIL

CS-1001 Site Plan

c. ARCHITECTURAL

A-20 Reflected Ceiling Plan Typical Details and Legend
A-20.A First Floor Reflected Ceiling Plan Area 'A'
A-20.B First Floor Reflected Ceiling Plan Area 'B'
A-21.A Second Floor Reflected Ceiling Plan Area 'A'
A-21.B Second Floor Reflected Ceiling Plan Area 'B'
A-22 Third Floor & Fourth Floor Reflected Ceiling Plan Area 'A'
A-41 Wall Sections
A-45 Wall Sections
A-46 Wall Mockup Elevation, Wall Section Details & Notes
A-60.A Roof Plan Area 'A'
A-60.B Roof Plan Area 'B'
A-71 Door & Frame Types/Exterior Head Details
A-72 Exterior Door Jamb Details
A-74 Interior and Exterior Door Jamb Details
A-100 Interior & Exterior Signage Details
FF-01 Furniture Schedule and Details
FF-03 Furniture Details
FF-05 Furniture Details
FF-11.B Second Floor Furniture Plan Area "B"
FF-12 Third Floor Furniture Plan Area "A"
FF-13 Interior Elevations First Floor
FF-14 Interior Elevations First & Second Floor
FF-16 Interior Elevations Third Floor
ID-01 Finish Legend, Notes and Details
ID-10.B First Floor Finish Plan Area 'B'

ID-20.A	First Floor Floor Patterns Area ‘A’
ID-20.B	First Floor Floor Patterns Area ‘B’
ID-21.A	Second Floor Floor Patterns Area ‘A’
ID-21.B	Second Floor Floor Patterns Area ‘B’
ID-22	Third & Fourth Floor Floor Patterns Area “A”

d. PLUMBING

P-12.B	Plumbing First Floor Area ‘B’
P-13.B	Plumbing Second Floor Area ‘B’
P-15.B	Plumbing Roof Plan Area ‘B’
P-23	Plumbing Riser Diagrams

e. FIRE PROTECTION

FP-01	Fire Protection General Information
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f. ELECTRIC

E-11	Electrical Site Utility Plan
E-12	Electrical Site Lighting Plan
E-31.B	Electrical First Floor Power/Systems Plan Area ‘B’
E-32.A	Electrical Second Floor Power/Systems Plan Area ‘A’
E-32.B	Electrical Second Floor Power/Systems Plan Area ‘B’
E-33.A	Electrical Third Floor Power/Systems Plan Area ‘A’
E-34.A	Electrical Roof Plan Area ‘A’
E-34.B	Electrical Roof Plan Area ‘B’
E-42	Electrical Details and Risers
E-43	Electrical Details and Risers
E-52	Electrical Panel Schedules
E-53	Electrical Panel Schedules

g. TECHNOLOGY

T-0.1	Technology Overall Floor Plans
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D. BIDDER’S QUESTIONS, REQUESTS FOR INFORMATION AND RESPONSES:

D.1. Question: Can the constructability review duration be reduced to avoid starting the project in the winter months?

Answer: The constructability review duration noted in the contract is an anticipated maximum duration. The SDA will entertain proposals to shorten the constructability review duration, but cannot confirm that such proposals will be accepted by SDA. Furthermore, SDA cannot confirm or guarantee that a shortened constructability review period will result in avoidance of commencement of work in the winter months,

D.2. Question: Please confirm that the project administration will run through expedition

(Contract management) and that the contractor must be trained to manage the project through the contract management

Answer: The SDA project administration for this project will be run through the Authority's Oracle Primavera Contract Management database, and the contractor must be trained in the use of this system.

D.3. Question: Please confirm that the removal of the existing overhead wires & utility poles will be done by utility company since the contractor cannot touch them and please confirm that any fees associated will be paid by the NJSDA.

Answer: Removal of the existing overhead wires and utility poles as identified on sheet CS- 0501 is the responsibility of the General Contractor. Relocation of the utility poles as identified on sheet CS-1701 as revised per this Addendum will be performed by PSE&G and the owner will directly pay for the cost to the utility companies. Contractor shall be responsible for coordination and phasing of pole relocation with the utility service providers.

D.4. Question: Please note that the Footing Schedule on drawing S.10.A lists the F110 footing as being 110'—0" x 11' x 28". The listing is in error.

Answer: Footing F110 is to be 11'-0" x 11'-0" x 28".

D.5. Question: Sec 01020 item 1.5.4.3 indicates Labor, Installation cost for allowance to include in base bid cost. While 01010 (1.4 B, C, D and E) indicates included labor / installation cost. Please clarify.

Answer: Specification Section 01020 "Allowances" describes two fundamental types of allowances: Subsection 1.5 of Section 01020 describes allowances for selection of unspecified products and materials, and requires that the labor and installation costs for the unspecified materials is to be included in the base bid. Such allowances are typically used when a certain type of work is specified (for example, the provision and installation of a specified square footage of carpet) but the actual product to be installed has not yet been selected, so the cost of the actual product (but not the installation thereof) is covered by the allowance. By contrast, Subsection 1.4 of the "Allowances" Specification describes allowance amounts for "anticipated, unquantified work," and indicates that for such work, the labor, installation and overhead costs may be compensated through the allowance process (and need not be anticipated in the base bid), due to the uncertain and unquantified nature of the work).

The allowances No. A.1, A.2 and A.3 included in this contract ("Impacted and Unsuitable Materials Allowance," Unforeseen Subsurface Concrete Materials Allowance," and "Unforeseen Underground Storage Tank Removal Allowance," respectively, are all examples of an "anticipated, unquantified work" allowance in which labor and installation costs are not included in the base bid. Rather, these allowance amounts are to be utilized in accordance with subsections 1.4,B, 1.4.C and 1.4.D of Specification Section 01010, and in

conformance with Subsection 1.4 of Specification Section 01020 "Allowances" Furthermore, special procedures apply to the Constructability Review Allowance (Allowance No.A. 4), which shall be utilized per Section 01010, 1.4.E, and Section 01020, 1.4.

Note that there are no product selection allowances pursuant to Subsection 1.5 of the Allowances Specification Section 01020, applicable to this project.

- D.6. Question:** The specs 26 07 21, 1.3, Item F. State that the system shall be a two channel voice system. The plans, symbol list and riser diagram all show a standard horn/strobe temporal 3 system. Please clarify
- Answer:** The system shall be noncoded, addressable-analog system with manual and automatic alarm initiation; automatic sensitivity control and alarm verification of certain smoke detectors; and multiplexed signal transmission dedicated to fire alarm service only.
- D.7. Question:** Specs list both single action and double action manual pull stations. Please clarify.
- Answer:** Pull stations shall be double action.
- D.8. Question:** There are notes all over the fire protection drawing referring to DCA comment #10, for rate of rise heat detectors in pocket areas above the ceiling. Please confirm GC have to identify those and priced. There are RR heat detectors in classrooms, as shown. Are these the ones referring to?
- Answer:** The heat detectors shown in the classrooms are in addition to the rest of the above ceiling detectors the GC is required to identify and price as described in the general note.
- D.9. Question:** Please provide the details/spec for Concrete shown in Plaza Area CS-1001. No details found on document provided.
- Answer:** The plaza shall be constructed based on the concrete sidewalk detail.
- D.10. Question:** Details on Drawing CP-1001 shows contaminated soil at subgrade. However, there is no other information on it. Please provide detailed information, Environmental report and extent of contaminated soil present on site.
- Answer:** Refer to the Answer for Addendum Question 2.D.28.
- D.11. Question:** Please Provide the height and specifications for solid PVC fence and manual gate around the generator and dumpster.

- Answer:** The fence height shall be 8 feet high to keep consistent with the perimeter fence.
- D.12. Question:** As per the drawings following B Inlet Invert Elevation is missing and required Located on New Street (2) & Cator Ave. (2) So Please clarify.
- Answer:** Inverts to match existing invert elevation. Refer to survey document for additional information.
- D.13. Question:** Details are missing for Concrete In Plaza Area Please clarify
- Answer:** Refer to response to #9 above.
- D.14. Question:** Geotechnical report, prepared by Whitman, dated November 2011, mentions about 1- 1/2 inch asphalt pavement and 6 inch of concrete from building slab on site. However, site plans do not show any existing pavement or concrete slab. Please provide the extent pavement and concrete slab on site, if any.
- Answer:** The Geotechnical Report was prepared prior to the demolition activities performed during 2012. The asphalt and concrete slab have been removed and disposed off-site. The site plans indicate the most current conditions on the site.
- D.15. Question:** Screen wall detail on drawing CS-6004 does not show the concrete footing width nor rebar details. Please provide this information.
- Answer:** Footing width shall be 4 feet. Notation will be added for clarification.
- D.16. Question:** The Ceiling mounted therapy swing (F-74) in room A109 lacks a specification on what is required, dwg FF-10.A.
- Answer:** Ceiling mounted therapy swing is detailed on 8/A-20. Therapy swing and bracket to be provided by Owner and installed by Contractor.
- D.17. Question:** The PT Storage Room, A109A on drawing FF-10A, uses F-15, but per dwg FF-01, F-15 is not used.
- Answer:** The tag in PT Storage Room A-109A is F-13, not F-15.
- D.18. Question:** Dwg FF-10 B, shows an emergency control room in the upper right hand portion of the drawing. This is unclear. Perhaps this is for room A-313 on dwg FF-12.]
- Answer:** The Security Office B-148 is shown on Drawing FF-10.B. This is the Emergency Control Room. Room A-313 is the Record Storage Room and is shown on Drawing FF-12. Room A-313 used to be the Backup Emergency Control Room; the Backup Emergency Control Room is now located in Faculty Workroom A-319, which is shown on Drawing F-12.

- D.19. Question:** Equipment storage system, F 54 A to F 54 D, inclusive, is undefined as to what is required
- Answer:** The Equipment Storage System is metal shelving, which is to be provided by the NJSDA. Tags have been revised from F-54.A to F-54.D to 104.A to 104.D. Refer to revised Drawing FF-11.B.
- D.20. Question:** Dwg T-01, add "B.F" to abbreviations as being "barrier free". If not, then designed should use words.
- Answer:** Abbreviations have been added to Drawing T-01.
- D.21. Question:** Room B-246- needs details on riser levels as two F-49 units are indicated
- Answer:** Refer to Specification 116123.
- D.22. Question:** Dwg FF-12 , Rooms A-324 and A-313 show F-35 units, but per 8 / FF -02, F-35 is not used.
- Answer:** Room A-313 shows units 86, 87, and 88, not F-35 units. F-35 units in Room A-324 have been revised to unit type 89. Refer to Revised Drawing FF-12.
- D.23. Question:** Dwg FF-14, view 1, elevation C, shows P-53, but per key on dwg FF-01, P-53 is not used.
- Answer:** The tag on Detail 1/FF-14, Elevation C is P-43, not P-53.
- D.24. Question:** 7/FF-15, elevation D, F 17 D is indicated but the picture shows tall cabinets, not shelving. Tall cabinets are # 81 by others
- Answer:** Detail 7/FF-15, Elevation D does not indicate F-17.D; that detail indicates F-17.E, F-17.L and F-31 units, as well as the doors and sidelights for the room. Elevation C on Detail 7/FF-15 shows Choir Robe Storage units F-32. Tall cabinets, unit type 81, are not indicated on these elevations.
- D.25. Question:** Dwg FF-01, item nos. F-16 A, F-16B, F-17A, F-17C, F17G, F17J are items listed, but are not shown to be used anywhere for the project.
- Answer:** Items F-16.A, F-16.B, F-17.C, C-17.G, and F-17.J are identified on Drawing FF-01 as Not Used. Item F-17.A is located in Room A-124.
- D.26. Question:** 7/F-14 indicates Staff Break Room B137. B137 is not used on the floor plans. Perhaps, the proper room is B-168.
- Answer:** Revise Detail 7/FF-14 to read as "Staff Break Room B-168".
- D.27. Question:** There is a conflict in what is shown for lockers...F47 vs F47A.

Answer: Locker F47 is 1'-6" x 1'-6" full height double tier lockers; locker F47A is 1'-0" x 1'-3" full height double tier lockers. Refer to Detail 12/FF-03.

D.28. Question: ID-01 and ID drawings assign window treatment as being horizontal window blinds. The documents lack a window blind specification. Specification section 122413 is for roller window shades, and none are indicated on the drawings.

Answer: Revise 'Horizontal Window Blinds' to 'Roller Window Shades' on Detail 1/ID-01, tag WB-1. WB-1 window treatment to be provided is roller window shades per Specification 122413. Refer to revised Drawing ID-01.

D.29. Question: FF-01 indicates an F-35 portable 2 tier riser, but none are located on the FF-Drawings.

Answer: F-35 is identified on Drawing FF-01 as a Tall Book Stack unit. Portable risers are identified as tag F-49.

D.30. Question: Drawing ID-10B indicates a digitally printed dolphin on a solid substrate, but does not indicate if the District, NJSDA or GC provides. No specification. Online website indicate prices vary by requirements.

Answer: General contractor shall furnish and install (3) 5'x8' sheets mounted horizontally of high-resolution digital print on 1/2" thick Basis of Design Varia Ecoresin by 3form or approved equal, secured to wall by point support standoffs, keeping material 3/4" from wall. Refer to Detail 3/ID-01. This detail supercedes note on Drawing ID-10.B.

D. 31. Question: Specification 116143 is the only spec for curtains, and is for stage curtains. Curtains are also indicated in the music rooms and as item F-29 in room A-109A(pull-down divider curtain). Spec 116143 indicates that GC installs Owners/Districts supplied curtains.

Answer: All curtains shall be furnished and installed by the General Contractor. There are no curtains located in the music rooms. Curtains F-28 are located in room A-137; curtains F-29 are located in room A-109. Refer to Specification 102123 for these curtains. Gymnasium curtain F-58 is located in room B-241 and Specification Section 116653. Stage curtains are located in room B-147B and Specification Section 116143.

D.32. Question: Drawing A-50.D, elevations/plans 3,4,7 and 10, show mop holders being required only in rooms A-162 and A-307. It is noted that mop holders are not shown to be required in room nos. A-138, A-233, A-244, A-320,etc. Perhaps, this is the choice selected for this project.

Answer: Mop holders are typically located in all janitor closets, not in all custodial rooms. There is no room A-162; Mop holder is shown at room B-162 on Detail 1/A-50.B and 10/A-50.D. Provide mop holder in Room A-307 as shown on Detail 7/A-50.D. Mop holder in Room A-138 is shown on Detail 3/A-50.D and 5/A-50.D; mop holder in Room A-233 is shown on Detail 4/A-50.D and 6/A-

50.D; mop holder in Room A-244 is shown on Detail 2/A-50.D. Provide mop holder in Room A-320. Mop holders are also shown on Furniture Plans FF-10.A through FF-12.

- D.33. Question:** Specification section 114000, article 3.7A addresses re-using and relocating existing kitchen equipment. This is unclear.
- Answer:** All kitchen equipment is new.
- D.34. Question:** There are two projection screens on the project. From drawings, one scales at 14 ft wide and the other is at 20 foot wide. Screen height is not known. Specifications do not indicate dimensions, not size.
- Answer:** Refer to Specification 115213 for screen sizes.
- D.35. Question:** The documents lack a specification for the solid surface window sills.
- Answer:** Refer to Specification 062023 and 123661.
- D.36. Question:** Musical casework is addressed in division 12, and has manufacturer's specified. Section 062023 does not address manufacturers, only laminate components for the architectural cabinets
- Answer:** Specification 062023 is for Interior Finish Carpentry and not casework. Architectural cabinets are identified in a performance specification for Plastic-Laminate-Faced Architectural Cabinets, Specification 064116.
- D.37. Question:** Could not locate Refuge signs shown on Details 9,10 and 11 on Drawing A-100? Please clarify location required.
- Answer:** Refer to Drawings A-51 through A-54.
- D.38. Question:** How many Truss signs are there? Only found one Roof Truss sign on Drawing A-10 B. Please confirm.
- Answer:** Provide truss signs as required by code and as indicated on drawings.
- D.39. Question:** What changes were made to the Entry Plaque- Detail 6 on Drawing A-100 as it is bubbled? Please clarify.
- Answer:** The entry plaque on Detail 6/A-100 was bubbled to add dimensions for the plaque. Please note that the exact names identified on the plaque will be identified during shop drawing review.
- D.40. Question:** Should there be signage for ALL the Mechanical Rooms as noted on Drawing A-10.B ? Please confirm.

Answer: Provide signage at mechanical rooms where indicated in plans and specifications.

D.41 Question: Addendum 2 did not address the following items:

(As indicated previously) “Equipment storage system, F-54A to F-54D, inclusive, is undefined as to what is required”. These occur in the physical education storage rooms on drawing FF-11B:

54-A has 6 units;
54-B has 7 units;
54-C has 4 units; and
54-D has 5 units.

Any ideas as to what type of storage these are? The storage system is not detailed on the FF drawings. They are not described in the gymnasium specifications, nor in the woodwork, steel shelving and casework specifications. Drawing ID-10B indicates a digitally printed dolphin on a solid substrate, but does not indicate if the District, NJSDA, or GC provides. No specification. Online website indicate prices vary by requirements.

Answer: Refer to response to item #19 above regarding Equipment Storage System. Refer to response to item #30 above regarding digital print shown on Drawing ID-10.B.

D.42 Question: As Item nos. F-76A, F-76B, F-76C and F-76D were deleted from the scope of work on addendum 2 drawing no. FF-01, the metal shelving specification section 105613. Should they have been deleted, and the addendum 2 specification Table of Contents, page TC-6 deleted in the listing of section 105613?

Answer: Delete Specification Section 105613 Storage Shelving. All metal shelving shall be by the NJSDA.

D.43 Question: location of proposed combined 6” water entering the building on drawing CS-1701 is inconsistent with where it enters the building per drawing FP-11. This will add confusion to the site work trade, and to the fire sprinkler trade, plus the design will need to be changed.

Answer: The 6" line enters the building where shown on Drawing FP-11.

D.44 Question: Addendum no. 2 site logistics plan conflicts with the NJSDA pre-bid meeting and the site drawings. The existing site has approx. 1388 LF of chain link fence which is to be used as temporary fence for the project. It would be moved and adjusted to accommodate conditions, construction work and conditions. Drawing LOG appears to start out by having the fence relocated to

new locations. – especially along New Street. The drawing adds immediate unnecessary costs to the project.

The logistics drawing (LOG) uses the phrase “oversized construction vehicle”, but does not define its meaning. Most construction vehicles are small in size than most fire department vehicles which have access to the two side streets.

Note, also, that the logistics drawing (LOG) was not drawn for the design at Ludlow Street. On LOG it is shown as a continuous extension of existing (east side) Ludlow Street. Upon entering the site, drawing CS-1001 does a curb line shift and is not continuous with the existing east side. Also, the northerly onsite curb at this location curiously stops and ends on a partial radius.

The LOG plan has a serious problem with construction because the locations of the proposed foundations of both the building and the screen wall allow only a short-time use of the LOG entrance for oversized vehicles from Ocean Avenue. Once the foundations are in place, the Ocean Avenue access cannot be used. The LOG plan is misleading, and should be rescinded.

Answer: The Proposed Site Logistics Plan is for reference only. Contractor is responsible for creating a workable Site Logistics Plan, and can make changes to the proposed plan according to General Conditions Section 4.10, Site Utilization/ Staging Plan.

D.45 Question: The new 8’ high chain link fence does not have a detail, nor a specification. All fence (except for the PVC fence which does not have a spec) is decorative picket type. Note that the use of the PVC gate at the dumpsters may not be a durable and lasting option; the width of the opening is 18’, and the designer did not indicate width of gate opening for the PVC gate.

Drawing CS-1501 provided the inverts of pipes at Type B inlets to be re-built. These are by the Cator Street entrance to the proposed onsite parking lot. The northwesterly Type B inlet is shown to an existing pipe with an existing invert at elevation 63.53 feet. The depth from the rim to this invert is only 2.02 feet. The diameter of the pipe is not indicated; the direction and location of the pipe are not shown, nor indicated. If the existing pipe crosses the new driveway, then it will be in conflict with the work. The other Type B inlet has two pipes into or out of the inlet; one may be shown flowing (perhaps) to the combined storm-sanitary brick arch pipe; the other pipe is not shown for direction, nor location. A clearly defined print or plan at these inlets is needed. Also, do the existing inlets have sumps? Will the re-built inlets require sumps and cast-iron traps?

Answer: The contractor shall provide shop drawings of the fencing and the designer shall review accordingly. Maintain existing outlet pipe and reconstruct as indicated.

D.46 Question: Additional concerns with addendum 2 are as follows:

Note, also, that drawing CP-1001 was not updated for the changes made by ad 2 (especially CS-1001).

Drawing E-12 was not updated for changes made by E-1.1. Drawing E-1.1 vs. drawing CS-1501, and there are conflicts with and contradiction to the changes made to fence and bollards. Drawing E-1.1 was not updated for the new school sign with the electronic message board (no conduits, power, data, etc.); the conduit shown for the sign on CS-6002 is not shown to go beyond the sign foundation. Will the data line to inside the building extend to the school administration offices so that the messages may be input, or is a portable controller used at the sign for exterior input?

The designers did not provide the requirements and design for the concrete foundation for the new school sign; drawing CS-6002 does not detail reinforcement and specifics. The types of CMU and colors are not indicated by drawing CS-6002, nor drawing A-100. Perhaps color and type of CMU doesn't matter. The structural design requirements of the sign supports is not addressed. Based upon the details shown for sign supports on drawing CS-6002, the two supports stop at the ground surface – which appears to be imported clean fill; from the post bottoms (and without any plates), anchor bolts appear to extend from the posts to the foundations. Revised drawing A-100 seems to show the anchoring within the cores of (concrete filled) CMU below grade. Both CS-6002 and A-100 sign details are incomplete. From the foundation design, it looks like the foundation forms a basin which will retain water, and will likely cause problems to the sign supports. Corrections need to be made, or, if not, perhaps the specification wording for the warranty should be changed from “years” to “seconds, or less”.
and why does 2 / A-100 call the exterior message sign as “Exterior Wall Mounted” ?

Answer: Drawing CP-1001 is for engineering control only; refer to other construction drawings for other information. Drawing CS-1001 was revised and issued as part of Addendum #2. There is no drawing E-1.1. Refer to Drawing E-11 for layout of generator, transformer and bollards; key note #20 has been added to drawing E-11 along with the exterior school sign. The generator and transformer locations have been removed from the site lighting drawing E-12 as they are not necessary. Refer to Drawing CS-1001 for layout of fencing, gates and screen walls. Refer to revised Drawing A-100 for updated Exterior Post and Panel Illuminated/LCD Signage detail with structural requirements of sign supports; refer to Drawing E-11 for electrical requirements for signage; refer to Drawing T-0.1 for low voltage requirements. There is no CMU shown on Drawing CS-6002; brick at exterior sign on CS-6002/A-100 shall be brick type #1, sizes as shown on detail.

D.47 Question: Please note that drawing FF-06 layout no. 1 list item no. 7 as being a car

Sounds panel and that item no. 8 is a car sounds panel. Should you take a magnify or enlarge the detail for item no. 7, it indicates that the unit is a farm sound panel. That is, the drawing has perhaps labeled item no. 7 incorrectly

Answer: Revise Item No. 7 to read as "Farm Animals Panel".

D.48 Question: Addendum no. 2 changed the requirements of the 150 KW generator by requiring a separate tank to contain diesel fuel for one day with the generator running at full capacity. Roughly, the tank capacity could range from about 262 gal to 300 gal depending upon the brand and efficiency. None of the drawings detail piping required for the fuel lines, nor other aspects related to tank installations (venting, spill protection, etc.). The spec states that the GC must "comply with the authorities having jurisdiction". Note, also, to fill and re-fill the tank, a fuel supply hose from a truck would interrupt pedestrian and possibly motoring traffic. A detail and requirement of the proposed fuel oil piping should be provided. Perhaps, the designers might want to put insulation jackets on the fuel source and return pipes

Answer: Provide code compliant tank with all required items.

D.49 Question: The landscape design calls for planting Nigra American Arborvitae as a visual screen (and perhaps as noise screen) wall to the generator and to the generator tank. Note that typical growth height ranges from 10 feet to 15 feet. When grown, these plants will screen the generator and tank, and will interfere with viewing the school sign. These plants will block and interfere with the reading of the sign and LED message board. Please consider changes.

Answer: Provide as per plan.

D.50 Question: Drawing CS-1701 shows three "relocated utility poles". These should be, and logically are, by the utility companies, and any costs related to the relocations are borne by the City, the School District, or the NJSDA. It is noted from the GC site visit with reference to this addendum 2 drawing, that five to six poles must be relocated along New Street based upon the current design. Hopefully, the designers have contacted the utility companies to establish work orders as not to delay work on the project.

Answer: The Authority interprets this question as asking who is responsible for the work of, and the costs for relocating the five or six utility poles in question. The work is to be performed by the utility company at the expense of the SDA.

D.51 Question: With reference to drawing no. FF-01, the F-29 pull down curtain in room A109A, and the F-74 ceiling mounted swing by the PT room, lack defining specifications on what might be required

Answer: Refer to response to item #16 above for ceiling mounted swing and item #31 above for curtains.

- D.52 Question:** Please note that the proposed curtains in the music room lack a specification, and it is presumed that the work is by the District or the NJSDA
- Answer:** Refer to response to item #31 above.
- D.53 Question:** Window shade spec 122413 does not appear to have any use as there are no window shades shown to be required. The mini-blinds on the windows do not have a specification, and likely, these may be by the NJSDA or the School District
- Answer:** Refer to response to item #28 above. All window treatment shall be provided by General Contractor. Window Treatment is shown on Drawings ID-10.A, ID-10.B, ID-11.A, ID-11.B, and ID-12.
- D.54 Question:** Drawing T-1.0A Room A-120 calls for an "XLR mic input plate". What is the destination? Please advise
- Answer:** The XLR destination is the XLR mic output plate in Room A-124.
- D.55 Question:** Drawing T-1.0A Room A-124 calls for an "XLR mic input plate". What is the source? Please advise.
- Answer:** See response to #54 above.
- D.56 Question:** Who is to furnish the Cafeteria screen and controller? Who is to install it? Please advise.
- Answer:** Projection screens shall be installed by the contractor responsible for purchasing (general contractor or his subcontractor) and shall coordinate with the A/V and electrical contractors. The screen shall be controlled through the Extron A/V control system included on Detail 4/T-4.4.
- D.57 Question:** Please confirm the number of set top boxes (STB). One is required for each TV/display/projector that is not connected to a PC or MAC. Please advise.
- Answer:** If the question is in reference to Sheet T-4.9, seven STB are required. If the question is in regards to Encoders/Decoders for displays around the building, then 10 are required. See locations on the drawings that have coaxial cable.
- D.58 Question:** Drawing T-2.0B: several dual neutrik mic inputs are indicated. Where do they terminate? Please advise.
- Answer:** See Sheet T-4.6. The dual neutrik mic inputs are run from various locations around the room to a single (grouped) location in the front of the room where a mobile sound cart can be located. The "x" outputs at the front of the room are connected to the mobile sound cart, mixed and then connected to the "W" plate which connects to wall mounted speakers.

- D.59 Question:** The poured rubber surface does not have a detail of a perimeter material. Aluminum edging 4" or other is needed to preserve the integrity of the edge. Otherwise it will deteriorate. Please advise.
- Answer:** No aluminum edge material is necessary. A continuous pour of safety surface material shall be placed within a 6" wide and 10" deep trench along the perimeter for edge protection.
- D.60 Question:** Addendum # 02 TOC, looks bold/Italic wording indicate revision or new spec section. Following spec section marked bold but no indication of changes or separate revised spec provided. If applicable please provide.a) Spec 07 17 00 - Bentonite Waterproofing
b) Spec 07 81 00 –Applied waterproofing
c) Spec 08 41 30 – Fire Rated Glass and Framing Systems
d) Spec 10 56 13 – Storage Shelving
e) Spec 26 09 33 – Theatrical Lighting System
f) Spec 31 21 00 – Off-Gassing Mitigation
Please advise
- Answer:** The bold faced wording for Specification Section 071700, 078100, 084130, 105613, 260933, and 312100 were added between the initial DCA submission on February 6, 2013 and the first DCA re-submission on March 18, 2013. The Table of Contents on the original bid documents included this bold faced type for these specification sections. There are no changes associated with these specifications in Addendum #2.
- D.61 Question:** Please confirm that Projection Screens will be supplied by Owner and installed by GC per revised Spec 11 52 13 provided by addendum
- Answer:** Refer to response to item #34 and item #56 above.
- D.62 Question:** Please confirm that Basketball Equip & Safety Pads will be supplied by Owner and installed by GC per revised Spec 11 66 23 provided by addendum 2
- Answer:** Basketball Equipment & Safety Pads will be supplied and installed by General Contractor. Revise Paragraph 1.1.A of Specification 116623 to read as "This Section includes the purchase and installation of gymnasium equipment, including but limited to:"
- D.63 Question:** Drawing ID-I O.A First Floor Finish Plan specifies A WP-4 wall panels in rooms A-118, a-119 and A-120. Please provide elevations or quantities required for these panels.
- Answer:** Refer to Detail 5/FF-13 for typical elevations.

D.64 Question: On drawing S-2.0 under General Notes, for Cast-in-Place Concrete, the following conflicting information is noted: "All concrete, except slab on grade, shall attain 3000PSI compressive strength at 28 Days. All concrete for slab on grade shall attain 3500 psi compressive strength at 28 Days. All concrete attain 4000 psi compressive strength at 28Days". Is the concrete to be 4000 psi?

Answer: Revise Cast in Place Concrete note #2 on Drawing S-2.0 to read as "All concrete, except slabs on grade and supported composite slabs, shall attain 3000 PSI compressive strength at 28 days. All concrete for slabs on grade shall attain 3500 PSI compressive strength at 28 days. All concrete for supported composite slabs shall attain 4000 PSI compressive strength at 28 days."

D.65 Question: There is no information on the contract drawings providing any details, wiring diagrams, quantity or location of sensors, etc., for the gas detection system. Specification Section 383300, section I.2A for Scope of Work states to provide a gas detection system as indicated on the drawings.

1) Please provide detailed drawings showing a complete system design so that this work can be accurately bid on.

2) Please confirm if this system needs to tie in with the Fire Alarm.

3) Section 3.1A, 1 under Activation Sequence, notes that upon gas levels reaching

the first alarm setpoint, this system is to activate one exhaust fan and one makeup

zone. There is no dedicated make up air or exhaust system shown on the drawings for this system to activate and clear the room of any gasses in the boiler

room. Please clarify with updated plans and specifications.

Answer: Drawing M-5.4 shows the control schematic outlining the sensors and a points list that is required. The system does not need to tie into an exhaust fan; it just needs the interlock to shut the boiler system down in the event of an alarm condition, which is shown in the control detail.

D.66 Question: The lower sash is shaded on A80 but can't find what that means. Please Clarify.

Answer: The graphic on the lower sash on Drawing A-80 represents the insect screen at the operable sash. Provide insect screens at all operable sashes per specification requirements.

D.67 Question: The window spec calls for 1" pyrolitic (hard coat) clear low-e. The spec calls for two different 1" glass make ups. Both contain low iron "ultraclear" glass which makes no sense for a school job. One make up calls for both lites clear tempered and the second appears to call for both lites to be clear tempered laminated. Neither of these glass make ups mentions low-e. Please confirm what the makeup of the window glass needs to be and where each of these glass make ups ins intended to go and whether "ultraclear" is actually required.

Answer: Provide laminated glazing where indicated on Drawing HSS-10. Refer to Specification 085113 for window requirements and Specification 088000 for glazing requirements.

D.68 Question: There are numerous rooms indicates ceiling finishes AD/1 and EXP/- (i.e Storage, janitor closets, electrical closets, etc) that are designated to have "exposed ceilings". Will all of these rooms require painting of exposed deck and exposed MEP pipes ?

Answer: All exposed ceilings (i.e. storage rooms, janitor closets, electrical closets, etc.) shall be painted per specifications. Painted finish shall be applicable for exposed metal deck (non-acoustical deck), MEP pipes, structural members, etc. At acoustical deck, provide manufacturer's standard powder coating finish or provide painted finish per specifications as long as all holes are not clogged from painting. Painted finish at acoustical deck shall not diminish acoustic requirements of deck. Refer to ID-01, ID-10.A, ID-10.B, ID-11.A, ID-11.B, and ID-12.

D.69 Question: Gymnasium room B-241 indicates the ceiling to be "exposed acoustical metal deck above". Please confirm the bar joists/exposed MEP piping will be painted. Also need clarification as to the finish of the acoustical deck, If any required.

Answer: Refer to response #68 above.

D.70 Question: Gymnasium room B-241, ID-11.B indicates floor finish as PRF/1 (Poured Resilient floor, Spec 09 67 66??), Section 1/41 and 1/42 indicates 4" concrete floating floor with 2" dia. Helical wire rope isolator spaced @ 4' on center. Please confirm both systems required.

Answer: Both systems are required. Provide poured resilient floor finish above concrete floating floor. Refer to Detail 9/A-46.

D.71 Question: On drawings 1/A-42 and 1/A-45 call for a 4" floating floor in the Gymnasium. Will this floating floor be a spring jack up system or fiberglass floating floor ? What will be the airspace between the structural slab and floating slab? Please clarify.

Answer: Refer to response #70 above.

D.72 Question: In Spec Section 09 65 19- Resilient Flooring. Please clarify which rooms will receive the acoustical underlayment. Will this underlayment go under all VCT floors including the 1st floor ?

Answer: Provide the underlayment at second and third floor VCT locations only. The underlayment is not required at first floor VCT locations.

D.73 Question: Structural drawing S-40 all foundation sections and architectural sections on A-51 indicates foundation drain piping requirements. Please provide the layout as well as type/size of the pipe required.

Answer: Provide 4" perforated PVC pipe at building perimeter per foundation sections and architectural sections; drain to detention basin.

D.74 Question: There are numerous rooms (ie, storage, janitor closets, electrical closets, etc.) that are designated to have "exposed ceilings". Will all of these rooms require painting of exposed deck or can they be left unfinished?

Answer: Refer to response #68 above.

D.75 Question: The Gymnasium indicates the ceiling to be "exposed acoustical metal deck above." We would assume the bar joists will be painted but need clarification as to the finish of the acoustical deck. Please clarify.

Answer: Refer to response #68 above.

D.76 Question: How many VBrick set-top box players are being installed?

Answer: 10 V-Brick STB's are required.

D.77 Question: A few RFI questions were received from a Degler Whiting relative to spec sections 126650 (telescoping stand bleachers) and 1166223 – athletic equipment. Spec 126650 indicates stands are electrically operated and units are automated. Reference drawing A-101 issued under addendum no. 2. Their questions are as follows:

1. Does the client want power on the 4 row bleachers?
2. If they do? Do they want first row power?
3. How many net sets are acceptable?

Answer: Provide power on the 4 row bleachers, including first row power. It is unclear what net sets are. Provide gymnasium equipment as shown in drawings and specifications.

E. CHANGES TO PREVIOUS ADDENDA:

1. Not applicable.

F. ATTACHMENTS


1. Attachment 4.1 Specifications
2. Attachment 4.2 Drawings

G. SUPPLEMENTAL INFORMATION

1. Not applicable.

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

End of Addendum No. 4



NJSDA	Date
Vishal Maher	6/20/2013

Addendum No.4

NJSDA
1 West State Street
Trenton, NJ 08625
Phone: 609-292-8775
Fax: 609-656-4642

Date:

PROJECT #: JE-0010-C01

DESCRIPTION: Addendum No.4

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 fax to (609-656-4642) or Email (djohnson@njsda.gov). Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

Signature

Print Name

Company Name

Date