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**Addendum #4**

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

**Date: January 24, 2019**

**PROJECT #:** ES-0042-C01

**DESCRIPTION:** Orange High School Addition & Renovation

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.

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**A. CHANGES TO THE PROCUREMENT PROCESS:**

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

**1. Modifications to the Request for Proposals and Related Forms**

- a. **REPLACE:** The Price Proposal showing a revision date of October 12, 2018 shall be deleted and replaced with the Revised Price Proposal dated January 24, 2019, included with this Addendum as Attachment 4.01.

**B. CHANGES TO THE PROJECT MANUAL:**

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

**1. Modifications to the General Requirements**

- a. **MODIFY:** In Section 01010, Summary of Work, modify Paragraph 1.4.A. as follows:

- A. The Contract contains the following Allowance categories and amounts:

	<b><u>AMOUNT</u></b>
1. Constructability Review Allowance .....	\$ 200,000.00
2. Impacted & Unsuitable Material Allowance.....	300,000.00

3. Hazardous Materials and Related Activities Allowance .....	100,000.00
4. Emergency Responder Radio System (ERRS) Allowance.....	150,000.00
5. Wood Auxiliary Gymnasium Flooring System and Interior Aluminum Handrails Allowance .....	52,000.00
<b>7. LED Lighting Allowance .....</b>	<b>185,000.00</b>
<b>8. Security Systems Allowance .....</b>	<b>500,000.00</b>
Total .....	<del>\$ 802,000.00</del> <b>\$ 1,487,000.00</b>

b. **ADD:** In Section 01010, Summary of Work, add Paragraphs 1.4.B.6. and 1.4.B.7. as follows:

**7. The LED Lighting Allowance is provided for the substitution of LED lighting fixtures and controls (conforming to NJSDA standards for such lighting as may be issued) for the originally specified fluorescent fixtures and controls. This Allowance shall be applied to the net difference in cost between LED lighting and the base bid fluorescent lighting as specified in the Contract Documents.**

**8. The Security Systems Allowance is provided for the substitution of upgraded security systems, including access control systems, intrusion detection systems, video surveillance systems, and other related systems and components (conforming to NJSDA standards for such security systems as may be issued), for the originally specified security systems. This Allowance shall be applied to the net difference in cost between the upgraded security systems and the base bid security systems as specified in the Contract Documents.**

c. **MODIFY:** In Section 01010, Summary of Work, modify Paragraphs 1.6.D.2., 3. and 4. as follows:

2. The Contractor shall achieve Substantial Completion of the New Addition portion of the Project by July 2, 2021 to permit occupancy of the New Addition spaces by the Project School District and allow the Contractor to proceed with the remaining renovation work. **Renovation of existing High School areas shall not commence until completion and Project School District occupancy of new addition.**

3. The Project shall achieve Substantial Completion (Temporary or Final Certificate of Occupancy) within ~~829 calendar days~~ **885 calendar days** after issuance of the Construction NTP.
4. The Project shall achieve Final Completion within ~~917 calendar days~~ **971 calendar days** after issuance of the Construction NTP.

d. **MODIFY:**

In Section 01811, Sustainable Design Requirements – LEED v4 BD+C: Schools, modify Paragraphs 1.1.A.1 and 1.1.A.2. as follows:

1. **The Contractor shall implement practices and procedures to meet the Project’s Sustainable Design Requirements. The “Sustainable Design Requirements” are defined as all requirements included in this Section of the Specifications and apply to every section of the Specifications. The Contractor shall ensure that the Sustainable Design Requirements are implemented to the fullest extent and that all Substitutions and changes to the Project meet the Sustainable Design Requirements.**
2. **Sustainable Design Requirements include, without limitation, requirements for the following, as applicable to various product and material selections throughout the Specifications:**
  - a. **Composite Wood**
  - b. **Environmental Product Declarations (EPDs)**
  - c. **Health Product Declarations (HPDs)**
  - d. **Low-Emitting Materials**
  - e. **Corporate Sustainability Reports**
  - f. **Recycled Content**
  - g. **Regional Content**
3. Specific requirements for LEED ~~are~~ **may** also **be** included in other Sections.
4. Some LEED prerequisites and credits needed to obtain LEED certification depend on product selections and may not be specifically identified as LEED requirements. Compliance with requirements needed to obtain LEED prerequisites and credits may be used as one criterion ~~to evaluate~~ **in the evaluation of** substitution requests and comparable product requests.

## 2. Modifications to the Specifications

- a. **ADD:** In every Section of Divisions 2 through 12, add the following to Related Documents paragraph(s), with numbering and renumbering of other subparagraphs as necessary:

**[X]. Section 01811, Sustainable Design Requirements – LEEDv4 BD+C: Schools.**

- b. **ADD:** In every Section of Divisions 2 through 12, add the following to Submittals paragraph(s), with numbering and renumbering of other subparagraphs as necessary:

**[X]. LEED Submittals: Refer to Section 01 81 1 Sustainable Design Requirements – LEED v4 BD+C: Schools for additional LEED-related project requirements, including but not limited to performance and submittal requirements for the LEED credits that may apply to any product herein specified.**

- c. **REPLACE:** Replace Section 277700, Sound, Intercom, and Administrative Communications System, in its entirety with revised Section with the same number and name dated 01/24/ 2019 and attached herewith as Attachment 4.02.

### **C. CHANGES TO THE EDUCATIONAL SPECIFICATIONS:**

(Not applicable)

### **D. CHANGES TO THE DRAWINGS:**

1. **MODIFY:** See Section G below for a list of revised drawings included herewith as attachments.

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

1. **Question:** With regard to Dwg G-004 Sequencing Diagram and the Milestone Dates in the Specifications. We acknowledge that a TCO is required by 7/2/2021 (Sequence 3a Item 1) for the New Addition and Sequence 3b items 8 thru 17 have a substantial completion date of 3/2022. When we calculate the calendar days from the Construction NTP to a substantial completion date of 3/2022 shown on the G-004 Sequencing Diagram it appears that the number of days on the sequencing diagram is in conflict with the 829 calendar days substantial completion date referenced in the specs. Please clarify which governs.

**Answer:** See Item B.1.c. above and revised Drawing G-004, Sequencing Diagram, included herewith as Attachment 4.03.

2. **Question:** Are there details and instructions for terminating and housing all backbone riser cables, both copper and fiber, in the existing MDF room 113-

F? Should we assume we need to furnish all patch panels, fiber boxes, coupler panels and Krone blocks the same on both ends and is there space available on existing racks and walls in that room?

**Answer:** Yes—provide a complete installation, with fiber boxes, couplers, 110 block etc. Termination shall be similar to what is provided for the new MDF room, 266-A. Voice backbone cabling is to be terminated on wall mounted blocks and patch panels. The fiber shall be mounted on fiber panels and terminated with LC/SC connectors. Drawing T-401 clearly defines the terminations that are required within the existing MDF room. Bidders may assume that sufficient space is available.

3. **Question:** Please clarify on LTNP - Limited Notice to Proceed date given in G-004 Sequence diagram and Ans # 20 of addendum # 1: The contract documents say the contractor shall not proceed with any contract work until they receive a Construction NTP. If the Construction NTP is projected at 10/25/19, how are we going to show the Sequence 2 Utilities (P2-U) #8-13 work happening 06/2019 through 10/2019 and the Sequence 1 Enabling Projects (P1) #1-5 work completing by 11/2019?

**Answer:** See Item B.1.c. above and revised Drawing G-004, Sequencing Diagram, included herewith as Attachment 4.03.

4. **Question:** For Divisions 3-12 we don't see any specific LEED v4 School language in the individual Specification sections:
- Has the Authority Cross-Referenced and Pre-Qualified all applicable Product/Material Manufacturers, Products/Materials and/or the Basis Design Products/Materials to meet ALL of the following LEED v4 Schools Prerequisite and Credit requirements?
  - LEED v4 MR c2 BPDO (Building Product Disclosure Optimization) EPD (Environmental Product Declarations)
  - LEED v4 MR c3 BPDO CSR (corporate sustainability reports) (Sourcing of Raw Materials)
  - LEED v4 MR c4 BPDO HPD (Health Product Declarations) or equal (Material ingredients)
  - LEED v4 IEQ p3 Minimum Acoustic
  - LEED v4 IEQ c2 Low Emitting Materials (Green Guard Gold for Schools)
  - LEED v4 IEQ c9 Acoustic Performance.

Please advise.

**Answer:** Some LEED prerequisites and credits needed to obtain LEED certification depend on the Contractor's specific product selections and may not be identified as LEED requirements. See also the response to Items B.1.d. and B.2. a. and b. above.

5. **Question:** SECTION – 088000 Page #6, under 2.2 Products, Letter “F”, and Page #11, under 2.9 Glass Schedule, Letter “A”, Number “1”, Letter “c”, the spec lists a requirement for Ultra-Clear Low Iron as part of GL-1 at the inboard glass lite. This is a very expensive process and adds a significant amount of cost to the insulated glass make up. We do not commonly see this as part of the NJSDA glass make up requirements. Is this to be kept and figured for the GL-1 glass make up? Or, can this be removed from the spec requirements?

**Answer:** The specified product is the Basis of Design. No changes will be made to the Specifications as a result of this inquiry.

6. **Question:** Sequencing Diagram G-004 item P3a-1 requires that the new addition TCO to be obtained by 7 /2021. Item P3a-4 requires that the parking and landscape work for the new addition to be complete by 8/2021. It has been the experience of the bidder that a sign off from the Soil Conservation district is required to obtain a TCO. Please confirm that the parking lot and landscape work is required to be completed prior to 7 /2021 to facilitate the TCO.

**Answer:** Yes, the parking lot and landscape work shall be completed at the same time, to obtain TCO by 7/2021. See also Item B.1.c. above and revised Drawing G-004, Sequencing Diagram, included herewith as Attachment 4.03.

7. **Question:** Summary of Work (01010) paragraph D states; "The construction NTP initiates the Project Schedule and sets the Commencement Date". The same section dictates that Substantial and Final Completion shall be achieved within 829 and 917 calendar days respectively after issuance of the Construction NTP. General Conditions paragraph 5.3 states that "The Contract Time shall begin on the Commencement Date set forth in the Constructibility Review Notice to Proceed". Please confirm what milestone initiates the contract durations.

**Answer:** Section 5.2.1 of the General Conditions states that Substantial and Final Completion are “[t]o be achieved within the duration[s] specified in Specification Section 01010 “Summary of Work”. Subsection 1.6.D of the “Summary of Work” Specification Section 01010 indicates that the durations for achievement of Substantial Completion and Final Completion are initiated by and measured from the Construction NTP.

8. **Question:** The Addendum #2 Grading Plans Drawings C-4.0, C-4.1 and C-4.2 have added the "Excavation Note" which states, "Refer to Foundation Plan(s) for over-excavation requirements". The Addendum #2 Foundation Plan Drawing S-100A Note 1 states "Refer to Geotechnical Report prepared by GZA GeoEnvironmental, Inc. dated September 201 7 (Rev # 1) for all Earthwork related requirements and recommendations". Please verify what Earthwork recommendations are to be included in the Base Bid.

**Answer:** See revised Drawing S-100A, attached herewith as Attachment 4.23.

9. **Question:** Please advise if ESP lockers are acceptable for use on this project. We have attached their product data along with substitution request forms.

**Answer:** The Basis of Bid must comply with the specifications. Substitution requests will not be considered at this time.

10. **Question:** Addendum #2 Drawing C-3.1 is calling for railing at Stair "Q", outside of Stair #199 "J", with a note to "Refer to Architectural Plans". No rail is shown or noted on the Plan nor Elevation. Please provide a detail.

**Answer:** A handrail is not required as there is only one riser and the landing on either side exceeds the minimum landing depth requirement. Refer to Drawing C-4.0 for grading and elevation information.

11. **Question:** The north side of the Concrete Landing on Drawings C-3.1 & L-1.0 show a space between the landing and the building with landscaping. Addendum #2 Drawing A-101A shows the north side of the landing and steps extend to the building along column Line 7. Please clarify what is to be followed.

**Answer:** Follow Drawing A-101A; landing and steps should extend north to building.

12. **Question:** Are Cast-in Place Abrasive Nosing required at Stair "Q"? If so, please provide detail.

**Answer:** Nonslip concrete steps should be used at all exterior stairs. See note on 3/C-8.1. Cast-in-Place Abrasive Nosing not required.

13. **Question:** Verify the door swing for Door# 199-J/1 with regard to railing placement.

**Answer:** Door swing shall remain as shown. A handrail is not required as there is only one riser and the landing on either side exceeds the minimum landing depth requirement. Refer to drawing C-4.0 for grading and elevation information.

14. **Question:** Are Cast-in Place Abrasive Nosing required on stairs adjacent to the Greenhouse? If so, please provide detail.

**Answer:** As noted on 3/C-8.1, non-slip concrete steps should be used; Cast-in-Place Abrasive Nosings are not required.

15. **Question:** Is waterproofing and mud set or leveling required for the quarry tile floors?

**Answer:** Refer to Section 09 30 13 - Ceramic Tiling, Part 2, Paragraph 2.5.K for Floor Tile and Stone Saddle - Waterproof Setting Bed. This section applies to quarry tile at the Servedy.

**F. CHANGES TO PREVIOUS ADDENDA:**

(Not applicable.)

**G. ATTACHMENTS:**

<i>Att. #</i>	<i>Item #</i>	<i>Item Name</i>
4.01		Price Proposal
4.02	27 77 00	Sound, Intercom and Administrative Communications System
4.03	G-004	Sequencing Diagrams
4.04	G-101A	First Floor Code Analysis Plan – Section A
4.05	G-101B	First Floor Code Analysis Plan – Section B
4.06	G-102A	Second Floor Code Analysis Plan – Section A
4.07	G-102B	Second Floor Code Analysis Plan – Section B
4.08	A-101A	First Floor Plan – Section A
4.09	A-101B	First Floor Plan – Section B
4.10	A-102A	Second Floor Plan – Section A
4.11	A-102B	Second Floor Plan – Section B
4.12	A-401	Enlarged Plans – Core – New Addition
4.13	A-412	Stairs H & J – Plans & Sections
4.14	A-414	Exterior Stair/Ramp Plans & Sections
4.15	A-461	Stair B – Plans & Sections
4.16	A-502	Envelope Details
4.17	A-523	Interior Details – Locker Details
4.18	A-552	Envelope Details
4.19	A-612	Door Schedule, Types & Details – Addition
4.20	A-613	Window Schedule – Addition
4.21	A-652	Door Schedule, Types & Details – Renovation
4.22	A-654	Storefront Schedule – Renovation
4.23	S-100A	Foundation Plan
4.24	S-101C	Bridge Plans & Details
4.25	E-101A	Electrical First Floor Power Plan – Section A
4.26	E-101C	Electrical First Floor Power Plan – Section C
4.27	E-102A	Electrical Second Floor Power Plan – Section A
4.28	E-102C	Electrical Second Floor Power Plan – Section C
4.29	E-501	Electrical Schedules



- 4.30 FA-101A Fire Alarm First Floor Plan – Section A
- 4.31 FA-101C Fire Alarm First Floor Plan – Section C
- 4.32 FA-102A Fire Alarm Second Floor Plan – Section A
- 4.33 FA-101A Fire Alarm Second Floor Plan – Section C
- 4.34 T-101B Telecommunications First Floor Plan – Section
- 4.35 T-201 Technology First & Second Floor Part Plans – Addition
- 4.36 T-202 Technology First & Second Floor Part Plans – Renovation
- 4.37 T-401 Technology Riser Diagrams #1
- 4.38 Project Manual Table of Contents
- 4.39 Drawing List

**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**

  
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NJSDA

1.24.2019  
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Date

## **Addendum #4**

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

**Date: January 24, 2019**

**PROJECT #: ES-0042-C01**

**DESCRIPTION: Orange High School Addition & Renovation**

### **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](mailto: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 of the Price Proposal Submission.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date