



ADDENDUM NO. 5

DATE: April 14, 2022

CONTRACT NO.: HU-0029-B01

PROJECT: UNION CITY - NEW GRADE 7 THROUGH 9 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. Modifications to the Request for Proposal and Associated Documents

- a. **REPLACE:** The Price Proposal originally dated April 5, 2022 shall be deleted and replaced with the Price Proposal dated April 14, 2022 and included herewith as Attachment 5.01

B. CHANGES TO THE PROJECT MANUAL:

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

1. Changes to the Design-Build Agreement

- a. **MODIFY:** (Not Applicable)

2. Changes to the Performance Specifications

- a. **MODIFY:** In Volume 2, Section B2080.00 - Exterior Wall Appurtenances, delete paragraphs II.B. and II.C in their entirety and replace with the following:

C. Exterior Handrails and Handrails

- 1. Provide ASTM A312/A312M, Grade TP 304, Standard Weight (Schedule 40) 1-1/2" stainless steel pipe, unless another grade and weight are required by structural loads.**
- 2. Weld and grind all joints smooth.**
- 3. Provide stainless steel tamper-proof inserts,**

sleeves and other anchorage devices for connecting railings to concrete or masonry work.

4. For railings set in concrete, provide sleeves at least 6" in depth and ½" greater in diameter than railing. Set with nonshrink, nonmetallic grout designed for exterior applications.
5. Install in a manner that will prevent accumulation of standing water at the base of posts.
6. Provide brushed stainless steel finish.

a. **MODIFY:** In Volume 2, Section D3050.60 - HVAC Design Parameters, modify Paragraph I.F.4 as follows:

4. Building Air Flush Sequence of Operation – Provide central building automation system mode of operation to automatically commence when scheduled or prompted at the head end.

a. Provide an Air Flush Cycle for each HVAC System Building Zone to operate independently of each other via the central BMS *throughout the duration of the building's unoccupied hours.*

b. Duration of the Air Flush cycles to be determined using ASHRAE's 'Equivalent Outside Air Calculation' method. During an Air Flush sequence, each HVAC system shall operate with their minimum occupied code required outside air quantity of ventilation air flow in combination with filtered recirculated air to achieve (3) three equivalent air changes.

c. Submit calculations for each Zone noting: HVAC equipment, each space served, space volume, code outside air quantity & air change, recirculated air quantity & air change, and duration of time to achieve (3) three equivalent air changes.

~~b~~d. HVAC systems to maintain, at a minimum, the unoccupied indoor design conditions temperature & humidity parameters, while operating the Air Flush Cycle.

~~e.~~ *During the Air Flush sequence, HVAC systems shall operate at their occupied mode of operation, including a minimum outside air quantity of the code required ventilation air flow.*

~~d~~e. DOAS units, packaged rooftop units, central air handling units and secondary HVAC systems' design sequences to include tempering of Air Flush mode cycle air, in addition to all other project design requirements.

f. Destratification fans shall operate at their maximum capacity during the Air Flush cycle to create well mixed spaces. Refer to Section D3000 for further requirements.

eg. Nurses Suite DOAS systems to be sized for a minimum of 6 air changes per hour of ventilation outside air, meeting or exceeding code ventilation requirements. DOAS shall be capable of providing 10 air changes per hour of outside air for both occupied Air Flush cycle and unoccupied Air Flush cycle modes. Nurses DOAS system shall meet indoor occupied and unoccupied indoor design conditions for both Air Flush cycles respectively.

b. **MODIFY:** In Volume 2, Section E1070.00 - Entertainment and Recreational Equipment, modify paragraph II.A.3 and add the following:

c. **Other Curtains (Dance Studio)**

(1) **Basis of Design: Dazian Janus, (or Approved Equal).**

(2) **Provide manually operated blackout curtains complying with the requirements of this section to cover all walls in the Dance Studio.**

(3) **Terminate tracks to prevent curtains from covering exit doors.**

d. **MODIFY:** In Volume 1, Section 01010 - Summary of Work, modify paragraph 1.4.A. as follows:

1.4 ALLOWANCES

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

	<u>AMOUNT</u>
1. General Design and Construction Allowance.....	\$500,000
2. Emergency Responder Radio System Allowance ..	\$100,000
3. Subsurface Conditions Allowance	\$150,000
4. <u>Vehicular Closures Allowance</u>	<u>\$450,000</u>
GMP Reserve Total.....	\$750,000 <u>\$1,200,000</u>

e. **ADD:** In Volume 1, Section 01010 - Summary of Work, add paragraph 1.4.B.4 as follows::

4. The Vehicular Closures Allowance is provided for the cost of payments to UCPD for services required by Specifications Section 01500 Paragraph 1.7.B.4.

f. **MODIFY:** In Volume 2, Section D3020.00 – Heating Systems, modify paragraph I.D.2.d, as follows::

d. The hydronic hot water system shall be provided with a minimum of two secondary pumps operating in lead-lag configuration **for each secondary zone**. Each pump shall be sized for 100% of the building-~~s~~ **zone's** load.

C. CHANGES TO THE EDUCATIONAL SPECIFICATIONS:

a. **REPLACE:** (Not Applicable)

D. CHANGES TO THE DRAWINGS:

a. **ADD:** In Volume 3, Add the following Drawings included herewith as Attachments, A5.02, A5.03 and A5.04, as follows;

Attachment A5.02 Drawing A-601 Door and Gate Schedules, Dated 04/13/2022 (.pdf)

Attachment A5.03 Drawing A-601 Door and Gate Schedules, Dated 04/13/2022 (.dwfx)

Attachment A5.04 Drawing C-201 Proposed Grading, Drainage and Utility Plan, Dated 04/08/2022 (.pdf)

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

1. **QUESTION:** LEED - LEED - SSc8 Joint Use of Facilities (Spec Section: PS1030.00 Project Criteria) Can the district please identify the 2 types of dedicated-use spaces that they are considering sharing with the local communities to support the intent of SSc8 Joint Use of Facilities Option 2, as an optional sustainable design feature? What community organizations is the district willing to share this space with? (BQ 145)

RESPONSE: Bidders are to rely upon the data provided in the DBIP. This information will be provided to the selected D-B.

2. **QUESTION:** Please confirm if there has been any investigation done to the surrounding neighboring lots, including 14, 46, 25, 36. (a.) Has engineering of the structural integrity of the neighboring

foundations been done? (b.) Do any of the neighboring lots have basements? (c.) Where any survey of existing interior and exterior conditions performed? (BQ 183)

RESPONSE: a. No, evaluation of the foundations of the adjacent structures has not been performed.
b. Unknown, whether the adjacent structures have basements.
c. No, surveys of the existing exterior or interior conditions of the adjacent structures has not been performed. This is the responsibility of the D-B.

3. **QUESTION:** In case of conflict between the various standards and requirements for IT systems, which documents take priority? For example, room fit out lists do not contain a requirement for a card access reader at the door. (BQ 201)

RESPONSE: See Addendum #4, section B Changes to the Project Manual, item 1.a.

4. **QUESTION:** Please clarify “site security communications” definition. (Vol III, B-6) (BQ 202)

RESPONSE: The intent of the citation is the radio repeater system provides communication in support of both school and site security. The radio repeater system is further described in performance specification section D6000.00 Communication, paragraph I.C.15.

5. **QUESTION:** Room Fit-out Lists do not include detailed listing of number of hardwired data outlets per room type. Please stipulate minimum number of outlets per room type. How is designer to understand where computing devices will require hardwired data connection versus wireless? (BQ 203)

RESPONSE: See Addendum #4, section E Bidders Questions, Requests for Information and Responses, item 163.

6. **QUESTION:** Will secondary desk in some classrooms require control of interactive display, or only data, phone and power outlets? (BQ 204)

RESPONSE: The future desk locations shall be provided power, data, and telephone the same as the primary desk locations. Control of the interactive displays is not associated with a desk. See performance specification section D6000.00 Communications, paragraph I.C.2.1.

7. **QUESTION:** Does the requirement for an interactive display in the classroom refer to an interactive video monitor, or an interactive panel integrated with a short throw projector, or other? (BQ 205)

RESPONSE: The requirement anticipates an interactive LCD display device.

8. **QUESTION:** In the Media Center Room Fit Out, please clarify the functionality and differences between 3 listed displays. (BQ 206)

RESPONSE: The IDD1 Interactive Display Devices are interactive LCD display device similar to those in the classrooms and shall be provided the same connections. The DMD1 Digital Media Display is a non-interactive video monitor receiving media solely from the television and video distribution system. Only power and a connection to the network is required.

9. **QUESTION:** Are there special audio or controls requirements for the gymnasium audio-visual system? (BQ 207)

RESPONSE: The question provides insufficient information to determine what constitutes “special” controls. The large format display system is described in performance specification section D6000.00 Communications, paragraph I.C.7. The motorized projection screen is described in section E1040.10 Educational and Scientific Equipment, paragraph II.A. The local music playback (sound) system is described in section D6000.00 Communications, paragraph I.C.10. Additional requirements may be described in the Materials and Systems Standards Manual.

10. **QUESTION:** Is the design intent to have a large group 600-700 person presentation capability in both the gymnasium and the cafetorium? (BQ 208)

RESPONSE: It is the intent of the fit-out of room A-115 Cafetorium to accommodate an assembly of 624 people and of room A-110 Gymnasium, 756 people. The occupant load for other purposes including design or code compliance may vary.

11. **QUESTION:** For small group instruction classrooms, when the dividing wall is opened is one sound enhancement system meant to control both rooms? (BQ 209)

RESPONSE: When the interior operable partition is closed the voice reinforcement system for each space shall operate independently. When the partition is open a single system shall operate over the entire combined space.

12. **QUESTION:** Confirm if “Display Port” requirement is intended to imply USB-C connection where used in this document? (BQ 211)

RESPONSE: Not confirmed, a DisplayPort is a high performance sound and video transmission interface different than USB-C. Both are required inputs at the wall plate for the interactive display devices. See performance specification section D6000.00 C, paragraph I.C.2.1.

13. **QUESTION:** Confirm VGA connections are a current requirement for the AV system (D6000). (BQ 212)

RESPONSE: Confirmed VGA connections remain required where identified in performance specification section D6000.00 Communications.

14. **QUESTION:** Confirm that coaxial cable instead of fiber optic cable is desired for the potential radio repeater system referenced in D6000. (BQ 215)

RESPONSE: Per Performance Specification D6000.00, I.C.15., coaxial cabling is required for the backbone portion of the system included as part of the Design-Builder’s Work.

15. **QUESTION:** Confirm if the VoIP system in D6000 is a fully independent system, or relies on centralized equipment housed elsewhere in the school. (BQ 216)

RESPONSE: The voice communication system relies on centralized equipment elsewhere. The District’s service provider, LightPath, operates a districtwide IP based fabric network.

16. **QUESTION:** Please confirm requirement of shielded cat 6A cable for certain usage in the data network as called out on page 12 of D6000. Is the intent to also require the contractor to properly bond each cable drain wire to ground at both ends? This can be costly. (BQ 217)

RESPONSE: Shielded Cat 6a cable is required only for cable runs greater than 55 meters and between switches and wireless access points. Unshielded Cat 6 cable is acceptable for all cable runs less than 55

meters. See performance specification section D6000.00 Communications, paragraph II.F. Shielded Cat 6a cable shall be grounded in accordance with ANSI / TIA / EIA 607-A Commercial Building Grounding and Bonding Requirements for Telecommunications. See the Materials and Systems Standards Manual.

17. **QUESTION:** Table D6000-00.1 also indicated a Radio Repeater System is to be included. Please clarify if this is an allowance or the system must be included in the design documents? (BQ 219)

RESPONSE: The Design-Builder's Work includes the backbone portion of this system. In the event that tests determine that an ERRCES is needed, the distributed antenna system (DAS), bidirectional amplification, and other components will be furnished and installed under the Emergency Responder Radio Repeater Systems Allowance. Refer to Spec Section 01010 1.4.B.2 and Performance Specification D6000.00, I.C.15.

18. **QUESTION:** Per the Project Summary there is to be a pedestrian walkway between 36th Street and 37th Street. Please provide plans, specs, details, etc. (BQ 220)

RESPONSE: Although not identified as such, the referenced pedestrian walkway is detailed in drawing AS-101 to the job-East of the building between 36th Street and 37th Street.

19. **QUESTION:** Please confirm graffiti resistant coating is required per Section B2010.00 (BQ221)

RESPONSE: Confirmed, a graffiti resistant coating is required. See performance specification section B2010.00 Exterior Walls, paragraph I.D.3.g.(1)(a).

20. **QUESTION:** Per Section D050 of the Material Systems and Standards it lists fluorescent lamps. Please confirm all interior and exterior lighting is to be LED. (BQ 222)

RESPONSE: LED lighting is required throughout the project. See performance specification sections D5040.00 Artificial Lighting, D5040.30 Interior Lighting, and D5040.40 Exterior Area Lighting. The Performance Specifications take precedence over the Materials and Systems Standards Manual See the revised D-B Agreement, paragraph 25.3.

21. **QUESTION:** In order to meet Water Sense Label, we will need to specify fixtures lower than the listed out Urinals (.125gpf), WC (1.28gpf), showerhead (2.0gpm) per the EPA's website: <https://www.epa.gov/watersense/watersense-products>. Currently they are listed in the specs as Urinals (.5gpf), WC (1.6gpf), showerhead (2.5gpm). (BQ 223)

RESPONSE: Agreed. The water consumption requirements cited in performance specification section D2010.00 Plumbing Fixtures, paragraph I.F.3. are maximums. The D-B shall, as a minimum, earn LEED certification from the USGBC. See performance specification section PS1030.00 Project Criteria, paragraph I.A.5.a.

22. **QUESTION:** The project involves several areas where differing subsurface conditions may be encountered, such as below the existing parking lots in Blocks 218 and 219, below existing 36th and 37th streets and below the four (4) additional Lots 15, 16, 44 and 45 in Block 218. It appears that the Cost Allowance of \$100,000 for Subsurface Conditions may not be sufficient to cover all these areas especially since it is intended to include the costs of removal and disposal of excavated materials. Please consider increasing this allowance to a much higher value. (BQ 224)

RESPONSE: The Subsurface Condition Allowance includes the cost of the removal and disposal of only the existing subsurface conditions beyond that identified in the DBIP. It does not include the removal and disposal of all excavated materials. See procedural specification 01010 Summary of Work, paragraph 1.4.B.3. Regarding the value of the allowance see Addendum #3, section B Changes to the Project Manual, item d.

23. **QUESTION:** Specification Section E1030.80-Food Service Equipment, paragraph II D.1.a. (1), refers to the requirement for stainless steel modular panels at the Walk-In Refrigerator and Freezer. Please confirm that this requirement applies to the interior wall surfaces only since the exterior wall surface is not exposed to view. (BQ 225)

RESPONSE: See Addendum #3 section E Bidder's Questions, Requests for Information, and Responses, item 21.

24. **QUESTION:** Site Plan Drawing AS-101 appears to be missing a reference to the location for the emergency and standby generators described by

Specification Section D5010.10-Facilities Power Generation.
Please clarify. (BQ 226)

RESPONSE: Ground level exterior areas have not been set aside for building services not otherwise located. It is the intent of the DBIP the generator be located within the building services area located on the roof.

25. **QUESTION:** Please confirm that existing buildings within this project's footprint will be demolished by others and not part of this bid. (BQ 227)

RESPONSE: Confirmed, see drawing C-102 Post-ESP Anticipated Conditions Plan.

26. **QUESTION:** The French & Parrello Geotechnical Report for the project indicates that additional test pits will be performed at Block 218 Lots 15, 16, 44 and 45 following the demolition of existing structures. Please advise when this additional information will be available to bidders. (BQ 228)

RESPONSE: See Addendum #4, section E Bidders Questions, Requests for Information and Responses, item 112.

27. **QUESTION:** Please confirm that bid proposals are to be based upon the premise that the depth to bedrock is 8'-0" as indicated by the French & Parrello Geotechnical Report for the project. Please confirm this would apply for any and all areas to be excavated as part of this project, whether for foundations, sitework, utility work, etc. and that any rock encountered before said depth will result in additional costs. Please advise how said costs will be handled (unit prices or etc.) (BQ 229)

RESPONSE: Not confirmed, for bidding purposes the assumed depth to bedrock of 8'-0" is only for Block 218, Lots 15, 16, 44 and 45. See the RRP section 5.1. On these lots both removal of bedrock encountered above this elevation which conflicts with the construction and additional excavation necessary to reach bedrock are included in the Subsurface Conditions Allowance. See the procedural specification 01010 Scope of Work, paragraph 1.4.B.3 and Performance Specification Section G0000.00 Paragraph I.B.1. Sufficient information is provided for bidders to establish the depth to bedrock for the remaining lots. See the boring logs included in the Geotechnical Report. On these lots both the removal of bedrock encountered above this elevation which conflicts with the

construction and additional excavation necessary to reach bedrock are included in the base contract. See the RRP section 5.1.

28. **QUESTION:** Please confirm what should bidders assume as to all soil which will be excavated as part of this project: Is it clean residential? Is it contaminated or not? Please advise. (BQ 230)

RESPONSE: Bidders are to anticipate the site is underlain by historic fill not expected to be characterized as a regulated hazardous waste. See the RRP section 5.2. In the event a material is characterized as a RCRA hazardous waste the additional cost of removal and disposal is included in the Subsurface Conditions Allowance.

29. **QUESTION:** The outside face of building aligns with the property lines on the north and south sides of new building. Will the permanent below-grade footings for the new 6-story building be allowed to encroach/extend over the property lines? (BQ 231)

RESPONSE: Encroachments into the public right of way are permissible subject to conformance with code and approval by the municipality.

30. **QUESTION:** There are no sizes provided for exterior doors #ED-14 and #ED-15. Please provide. (BQ 232)

RESPONSE: The nominal door opening of both exterior overhead coiling doors is 8'-0" wide x 8'-0" high. See drawing A-201 Exterior Elevations details 2 East Elevation –B and 4 West Elevation – D.

31. **QUESTION:** Door Schedule A-601 does not call for Door ED-15 to be insulated even though it is exterior. Is this correct? (BQ 233)

RESPONSE: The exterior overhead coiling door communicating with room S-100 Exterior Maintenance Storage shall be insulated. See the revised drawing A-601 Door and Gate Schedules, attached.

32. **QUESTION:** Please confirm if door type ID-38 is to be fire rated. If so, what is the rating? (BQ 234)

RESPONSE: Not confirmed. Regarding the inclusion of the overhead coiling fire shutters in room B-210 between the Waiting and Secretary spaces see #190. Other approaches may be possible. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria.

33. **QUESTION:** Drawing AF-101 and Specification Table C2000.00-1 notes that the Food Service Area, including the adjacent Toilet room, Locker room, Storage room, Office, and the Servery are to receive Quarry Tile floor finish. Please confirm this can be a “thin-set” application in lieu of a mud set job. (BQ 235)

RESPONSE: Confirmed, an adhesive bonded thin-set system with membrane is acceptable. A mud-set installation is not required. See performance specification C2000.00 Interior Finishes, paragraph III.A.2. as well as the Materials and Systems Standards Manual.

34. **QUESTION:** Drawing C-102 indicates that multiple utility poles and associated overhead (OH) utilities will be present on site in the area of the proposed building and PE area. Please advise who will be responsible to pay for the relocation/removal of these utilities. Typically, the design builder will coordinate with the utility and the NJSDA will pay for the relocation/removal. Will that same procedure apply to this project? (BQ 236)

RESPONSE: See Addendum #4, section E Bidders Questions, Requests for Information and Responses, items 63 and 64.

35. **QUESTION:** Table PS1030.00-1 Acoustic Performance Criteria indicates a STC 40 requirement for the Cafetorium next to non-sensitive spaces. Does this apply to associated non-sensitive spaces such as the Chair/Table Storage or in general are associated non-sensitive spaces (e.g. storage rooms; private restrooms) exempt from the STC requirements as on previous projects? (BQ 237)

RESPONSE: See Addendum #4, section B Changes to the Project Manual, item 2. (No minimum composite STC rating is required for walls between a sensitive space and a restroom, toilet, or storage room accessible from only that space. See the revised table PS 1030.00-1 Acoustic Performance Criteria, Addendum # 4, Attachment No. A4.02.

36. **QUESTION:** Table PS1030.00-1 Acoustic Performance Criteria indicates a STC 40 requirement for the Cafetorium next to non-sensitive spaces, which would include the Servery. The table also indicated STC 28 for Interior Coiling Doors to sensitive spaces, but the Servery is not a sensitive space and is the only adjacency to the Cafetorium with coiling doors. Similarly, the corridor is not sensitive (STC 40), but the door requirement to an adjacent sensitive space would be STC 30. The Gymnasium has a similar STC rating conflicts

(STC 40 vs STC 30) as well as the Dance Studio (STC 45 vs 35). Please clarify the STC requirements for: Cafetorium to Served, Cafetorium to Corridor, Cafetorium to Storage, Stage to Storage, Gymnasium to Toilet, Gymnasium to Locker Room, Gymnasium to PE Office, Gymnasium to Corridor, Dance Studio to Changing Rooms. (BQ 238)

RESPONSE: Rooms A-115 Cafetorium to A-116A Served: A composite STC40 minimum is required for the wall, exclusive of the overhead coiling doors. See #167.

Rooms A-115 Cafetorium to A-002 Corridor: A composite STC40 minimum is required. This calculation may include the path through the intervening spaces.

Rooms A-115 Cafetorium to A-115A and A-115b Chair / Table Storage and A-115 C Storage: See #237.

Rooms A-112 Stage to A-112A Stage Storage: See #237.

Rooms A-110 Gymnasium to A-110C and A-110H Toilet: See #237.

Rooms A-110 Gymnasium to A-110B and A-110F Locker Room: A composite STC40 minimum is required. This calculation may include the path through the intervening spaces.

Rooms A-110 Gymnasium to A-110A and A-110F PE Office: A composite STC55 is required for the wall. A composite STC30 minimum is required for the door.

Rooms A-110 Gymnasium to A-002 Corridor: A composite STC40 minimum is required. This calculation may include the path through the intervening spaces.

Rooms C-329 Dance Studio to C-329A and C-329B Changing Rooms: A composite STC35 minimum is required.

See table PS @010.00-1 Acoustic Performance Criteria.

37. **QUESTION:** Specification D2010.20.II.E.6 states "Do not install bottle traps..." Solids interceptors available from chemical waste piping manufacturers are bottle trap configuration (i.e.: Charolette Chem Drain AW712). Is it acceptable to specify bottle trap type solids interceptors such as the Charolette product for AW sinks? Also, Striem introduced a new product "Sidekick" solids interceptor that can be used in an acid waste system (attached). Would the SDA entertain specifying this model? (BQ 239)

RESPONSE: District procedures prohibit the intentional disposal of un-neutralized acids or bases into the sanitary drainage system. An acid waste neutralization system, including acid resistant solids interceptors, is not required. See the revised performance specification section D2010.20 Domestic Water Equipment, attached. The proposed alternate product is unnecessary. Bottle traps remain prohibited.

38. **QUESTION:** Spec Section: D2010.20 Domestic Water Equipment / Drawing No. A-101-Proposed location for the acid neutralization tank is floor mounted/exposed within the large (NW) second floor Building Services Room. Is an exposed floor-mounted tank and location acceptable to the SDA? (BQ 240)

RESPONSE: Regarding the need for an acid neutralization system see the response to item No. 37. Subject to conformance with the project requirements consolidating the required dilution tanks and locating it on the floor in an appropriate Building Services room is acceptable.

39. **QUESTION:** Spec Section: D2010.20 Domestic Water Equipment-Basis of design acid neutralization tank Zurn Model Z9A-NT is discontinued. Is Orion Model T5 an approved equal? (BQ 241)

RESPONSE: Regarding the need for an acid neutralization system see the response to item No. 37. The basis of design for the required dilution tank is the Orion Model T5.

40. **QUESTION:** Spec Section: D2010.20 Domestic Water Equipment-No exterior grease interceptor is shown on the bridging documents. Please confirm it is acceptable to locate the interceptor below-slab within the food service area footprint. (BQ 242)

RESPONSE: See Addendum #3, section E Bidders Questions, Requests for Information and Responses, item 23.

41. **QUESTION:** Drawing No. C-201. There is a significant amount of electrical gear required for the facility with limited indoor "Building Systems" locations. 1. Are we permitted to design for exterior electrical gear at the drive lane? (see attached), 2. If so, what is the minimum desired width of the drive lane at the northwest side of the building? (BQ 244)

RESPONSE: Insufficient information has been provided to evaluate this proposal. Bidders shall anticipate sufficient space is identified as "Building Services" in the Schematic and Bridging Design Drawings to accommodate all the required building services. In the event it is demonstrated to the Authority a code compliant solution meeting the project requirements is not possible the necessary modifications to the design will be a change to the scope of services and work in accordance with the terms and conditions of the D-B Agreement.

42. **QUESTION:** The Exterior A-weighted Noise Levels Figure shows 5 floors plus a "mezzanine" floor, whereas the A101-A103 drawings show 6 floors without a "mezzanine" description. Please advise if Figure PS1030.00-01 is simply mislabeled, or if the labeling and sound levels need to be adjusted to align with the floor labeling on drawings A101-A103. (BQ 245)

RESPONSE: Figure PS1030.00-01 is simply mislabeled.

43. **QUESTION:** Canopy hoods for chemical and flammable storage cabinets are not required by code. Cabinets are designed to contain chemicals and fumes and protect them in the event of a fire. NFPA 30 section 9.5.4 states that there is no requirement to ventilate the cabinets. Request removal of this requirement. (BQ 246)

RESPONSE: Canopy hoods and exhaust fans ventilating chemical storage cabinets are necessary only if required by code. See the revised performance specification section D3000.00 Heating, Ventilation, and Air Conditioning.

44. **QUESTION:** Will the SDA accept a UL 508 compliant water level detector in the drain pan of FCUs in lieu of a secondary drain pan? See 2015 IMC section 307.2.3 method 4 for code compliance. (BQ 248)

RESPONSE: No, a secondary drain pan with leak detection is required. See performance specification section D3000.00 Heating, Ventilation, and Air Conditioning, paragraph II.G.3.f.

45. **QUESTION:** Given the building is a high rise and limited on interior space on lower floors we recommend locating the boiler room at the roof level building systems space. Additionally, the flue venting will be much more feasible and less costly if the boilers are installed at the roof level. Please confirm this is an acceptable location. (BQ 249)

RESPONSE: See the response to item No. 41.

46. **QUESTION:** Due to the limited roof space and interior space for ductwork shafts will the SDA accept location of Gym air handling equipment above the locker room spaces as opposed to on the roof? Intake air and exhaust air could be vented through the side of the building via wall louvers. (BQ 250)

RESPONSE: See the response to item No. 41.

47. **QUESTION:** Does the SDA require separate utility electrical transformers for each Utility Zone? (BQ 251)

RESPONSE: No, the Authority does not require separate electrical utility transformer for each utility zone.

48. **QUESTION:** Please confirm which rooms or spaces within the building are to be used for ductwork and piping shafts travelling vertically through the building between floors and up to the roof. (BQ 252)

RESPONSE: Those areas identified as “Building Services” have been set aside to accommodate conveying, plumbing HVAC, fire protection, electrical, communications, electronic safety and security, and integrated automation elements, including shafts, not otherwise located. See performance specification section PS1030.00 Project criteria, paragraph I.F.1.a.

49. **QUESTION:** Will the SDA accept fixed blow pattern for diffusers in spaces the do not have a ceiling height greater than 12’-0” AFF? (BQ 254)

RESPONSE: No, the direction of air flow from all diffusers shall be adjustable. See performance specification section D3050.50 HVAC Air Distribution, paragraph I.C.3.b.(1).

50. **QUESTION:** Based on the NJSDA Design-Build Performance Specification D5000.00 Electrical, the service capacity is identified to be “Calculated in accordance with NFPA 70; provide 16 volt-amperes per square foot maximum for the entire campus.” Typically, for this type of project, VA per square foot numbers will be 18- 20 VA per square foot. Please confirm project basis for VA per square foot. (BQ 255)

RESPONSE: Confirmed, bidders shall anticipate a service capacity of 16VA / sf maximum for the entire building.

51. **QUESTION:** Will flexible couplings (similar to Victaulic) be accepted for pipe expansion control? (BQ 257)
- RESPONSE:** No, the substitution of flexible couplings similar to those manufactured by Victaulic for pipe stress and strain control has been previously evaluated and rejected.
52. **QUESTION:** Section D3000.00 notes in several locations that freeze protection pumps, valves, and appurtenances are to be located above accessible corridor ceilings. Given the limited above ceiling space will the SDA accept an enclosure as part of the RTU as an acceptable alternate location to provide ease of access and maintenance? Enclosures would be by rooftop unit manufacturer and will be insulated to match the rest of the RTU chassis. (BQ 258)
- RESPONSE:** No, locate circulation pumps, valve assemblies, and appurtenances above corridors within accessible ceilings. See performance specification section D3000.00 Heating, Ventilation, and Air Conditioning, paragraph I.A.9.d.(9)(a)(iii), et seq.
53. **QUESTION:** In the event equipment specified by the SDA is discontinued how does the DB contractor proceed with selection of alternate equipment if approved equals are not indicated in the DBPS. (BQ 259)
- RESPONSE:** The identification of a basis of design establishes the quality and salient physical, functional, and performance characteristics that must be met in the design. A basis of design is not intended to limit the Design – Builder to a single product or manufacturer. A Design – Builder is, in the absence of a proprietary requirement, free to propose any product which meets or exceeds the specifications.
54. **QUESTION:** Please clarify preferred method for connecting HVAC condensate to storm riser. Is the intent to indirectly connect via cup drain with air gap and trap with a backwater valve at the riser connection? Or shall DB connect HVAC condensate directly to the storm/sewer system with a backwater valve at riser connection point? (BQ 260)
- RESPONSE:** Condensate or other drainage from air conditioning or cooling equipment shall be drained to the storm-water drainage system and in accordance with code including but not limited to a trap at each

unit, an air break or air gap at the discharge to the drainage system and a trapped and vented receptor. Receptors shall be located in a readily accessible building services space. Backwater valves shall be provided only where required by code.

55. **QUESTION:** Please clarify intended secondary loop HW pumping scheme. Previous SDA DB schools have utilized a set of (2) pumps for each utility zone. D3020.00 section I.D.1.g seems to indicate a single secondary loop with control valves to select which utility zones are to receive flow and how much. Is this correct, or is the DB to provide separate pumps for each utility zone? (BQ 261)

RESPONSE: The hydronic hot water system shall be provided with a minimum of two secondary pumps for each secondary zone. Secondary pumps shall operate in a lead-lag configuration and be sized for 100% of the building zone's load. See the revised performance specification section D3020.00 Heating Systems.

56. **QUESTION:** The exterior elevations shown by drawing A-201 and the building sections shown by drawing A-301 show no reference to floor elevations establishing the vertical distance between floors. Please clarify. (BQ 263)

RESPONSE: See Addendum #4, section E Bidders Questions, Requests for Information and Responses, item 152.

57. **QUESTION:** The Geotechnical report by French & Parrello Associates, provided with Addendum #2, reads in part: "Due to the relatively shallow bedrock, and the desire to deliver the project to the Union City School District without an environmental restriction (e.g., deed notice), the entirety of the materials overlying the bedrock shall be excavated, managed, and disposed off-site in accordance with applicable local, state, and federal requirements." a) Please confirm that regardless of the type of foundation (s) the design-builder utilizes for this project, all soil from the entire project site must be excavated down to bedrock, removed and disposed off-site, and clean fill brought back in as required; that no existing soil can be re-used for any fill operations, or left in situ for any reason. b) Please provide Laboratory Reports / Analytical Data for all soil within the project site, so that the design-builders can review and get pricing from facilities approved to receive said material. (BQ 264)

RESPONSE: a. Confirmed, all existing soil from the entire project site must be excavated down to bedrock, removed and disposed off-site, and replaced with clean fill. No existing soil can be re-used for fill or left in situ.

b. The laboratory reports and / or analytical data will not be provided. Bidders shall rely upon the data included in the DBIP. See the RRP section 5.2.

58. **QUESTION:** Please advise what is the SDA's desired location for the building generator, is it to be on top of the highest roof of the building or if not where else. (BQ 265)

RESPONSE: See the response to item No. 24.

59. **QUESTION:** Page 12, Section 3, paragraph 3.1.3 of the Design-Build RFP requests the Design-Builder to respond to its understanding of "Completion of the project within the specified schedule". Page 15, Section 3, paragraph 3.5.2 of the Design-Build RFP requests the Design-Builder to respond to its understanding of "Plan for completion in accordance with the SDA's proposed date for contract completion". The RFP is requesting we respond in our proposal submission to our approach to complete the project on schedule twice within two separate paragraphs in Section 3 noted above. Please confirm that we are to respond in our proposal submission to our approach to our understand of "Plan for completion in accordance with the SDA's proposed date for contract completion" per Section 3, paragraph 3.5.2; and, the requirement to respond in our proposal submission per Section 3, paragraph 3.1.3 is deleted. (BQ 266)

RESPONSE: Paragraph 3.1 asks the Design-Builder to identify and demonstrate its understanding of schedule challenges while Paragraph 3.5 asks the Design-Builder to discuss its methodology and approach to addressing those challenges.

60. **QUESTION:** Two exterior doors (ED-14 & ED-15) found on schedule and drawings but no sizes provided. Please advise. (BQ 267)

RESPONSE: See the response to item No. 30.

61. **QUESTION:** Door #ED-15 is not called out to be insulated even though it appears to be on an exterior wall. Is it to be insulated or just a regular weather-stripped un-insulated door? (BQ 268)

RESPONSE: See the response to item No. 31.

62. **QUESTION:** Please confirm if the five interior doors (ID-38) are to be fire rated or not. (BQ 269)

RESPONSE: See the response to item No. 32.

63. **QUESTION:** Will emergency eyewash/shower units be required in mechanical spaces that utilize water treatment chemicals for HW systems and/or propylene glycol antifreeze for chilled water systems? (BQ 270)

RESPONSE: Provide emergency eyewash and / or shower units in building service spaces where required by code. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria.

64. **QUESTION:** Has the project been vetted with the NJDCA to confirm that the roof top growing area is not an occupied floor? (BQ 271)

RESPONSE: No, the building code does not define an occupied floor.

65. **QUESTION:** The dimension of the top-most occupied floor (the environmental science lab) will exceed the threshold for a high-rise classification, but there is no fire command center. Is the emergency command center planned to support the provisions of a fire command center? (BQ 272)

RESPONSE: See Addendum #4, section E Bidders Questions, Requests for Information and Responses, item 152.

66. **QUESTION:** The floor-to-floor height of the elevations and building sections scale to 16'-0" for five floor which results in overall height that would be classified as a high-rise building. Is this the SDA's intention? (BQ 273)

RESPONSE: See Addendum #4, section E Bidders Questions, Requests for Information and Responses, item 152.

67. **QUESTION:** Section D6000.00 paragraph I.C.2.1 (page 3) defines the requirements for the Audio-Visual infrastructure for the wall-mounted Interactive Display Devices, specifically the connection types required for "Wall Plate A" and "Wall Plate B". On another recent SDA project, the requirement for the Display Port and VGA

connections were eliminated since these are legacy technologies. Please confirm if the Display Port and VGA connections can be deleted from the project requirements? Similarly, Section D6000.00 paragraph I.C.7.b(2) (page 8) defines the requirements for the input panels for the digital projector locations. Please confirm if the VGA/DVI, S-video, or RCA connection types can be deleted from the project requirements? (BQ 274)

RESPONSE: Regarding the connections to the interactive display devices see B? #232. Regarding the connections to the large format display system the VGA / DVI, S-video, and RCA inputs remain required. See performance specification section D6000.00 Communications, paragraph I.C.7.b.(2).

68. **QUESTION:** Due to the proposed site grades versus the building's first floor elevation, what type of loading dock protection will be required? (BQ 275)

RESPONSE: See Addendum #2 section E Bidder's Questions, Requests for Information, and Responses, item 7.

69. **QUESTION:** The Utility Investigation and Analysis Report states that a Treatment Work Approval (TWA) application will be required and that this application requires endorsements from the Union City Planning Board in the form of a resolution. This will therefore require a planning board submission and approval which is not typical for SDA project. Please confirm if formal planning board submission and approval is required as part of the project. (BQ 276)

RESPONSE: Union City Planning Board endorsement of the TWA application is not required.

70. **QUESTION:** Section I.B.1.d of specification D5040.40 - Exterior Area Lighting indicates that the in-use mode of operation for the physical education area requires a 30fc average. Please confirm if this is correct or if the value should be 3.0fc average. (BQ 277)

RESPONSE: Confirmed, a 30fc average minimum illumination is required in the occupied mode.

71. **QUESTION:** What trucks/vehicles are anticipated for the school loading operations (SU-30, SU-40, etc.)? (BQ 278)

RESPONSE: The District anticipates deliveries utilizing the vehicle alleyway and Delivery / Service Area will be limited to light duty, SU-20 (single unit trucks with a 20ft. wheelbase) and WB-40 (intermediate semitrailer with a 40ft. wheelbase) trucks. The District has also acknowledged multiple maneuvers may be required for these trucks to do so. Larger trucks and garbage trucks are not anticipated to enter the site.

72. **QUESTION:** What are the anticipated sizes of site utilities (gas line, sanitary lateral, storm roof leader)? (BQ 279)

RESPONSE: It is the responsibility of the D-B to size the utilities. The DBIP materials are conceptual only and may not represent a complete design. The D-B shall provide the remaining design services necessary to fulfill their obligations. See the D-B Agreement, paragraphs 2.7 and 3.1.

73. **QUESTION:** Is a StormTrap pre-cast concrete detention system an acceptable alternative to the HDPE pipe subsurface detention basin? (BQ 280)

RESPONSE: Insufficient information has been provided to evaluate this proposal. For the Authority to consider such a request prior to receipt of proposals, a Bidder must submit the proposed product(s) as a Proposed Equal in accordance with Section 4.1.6 of the RFP. Alternatively, the selected Design-Builder may submit a Variance Request, in accordance with the requirements of SDA Materials and Systems Standards and/or a Substitution Request in accordance with Specifications Section 01600 for consideration by the Authority after award of the contract.

74. **QUESTION:** No inlets are shown in the physical education area. How is stormwater intended to be captured and conveyed to the detention basin from this area? (BQ 281)

RESPONSE: The Outdoor Physical Education Area is divided into 2 drainage areas. The job-Southern area approximates the existing condition and sheet drains on the surface to 37th Street. The job-Northern area drains to a catch basin integral with the control structure for the job-North storm-water management system. See the revised drawing C-201 Proposed Grading, Drainage, and Utility Plan, attached. Storm-water attenuation has been provided in accordance with the requirements of the North Hudson Sewerage Authority. See the Utility Investigation and Analysis Report.

75. **QUESTION:** No inlets are shown in the service yard and access drive west of the school. How is stormwater intended to be captured and conveyed to the detention basin from this area? (BQ 282)
- RESPONSE:** The Delivery / Service Areas and associated vehicular alley is divided into 2 drainage areas approximating the existing condition. The job-Southern area sheet drains on the surface to 36th Street. The job-Northern area sheet drains on the surface to 37th Street. Catch basins and conveyance to the storm-water management system are not required. Storm-water attenuation has been provided elsewhere in accordance with the requirements of the North Hudson Sewerage Authority. See the Utility Investigation and Analysis Report.
76. **QUESTION:** Please clarify the intent of conveying all site stormwater runoff to 38th Street. We would anticipate separate stormwater connections to the existing system for the school lot and physical education lot to maintain existing discharge points to the greatest extent possible as required by the NJ Stormwater Management Best Practices. (BQ 283)
- RESPONSE:** Where storm-water-attenuation is not required the conceptual design mimics the existing drainage pattern. Where storm-water-attenuation is required discharge to the municipal system in 38th St. has been deemed acceptable by the North Hudson Sewerage Authority. See the Utility Investigation and Analysis Report.
77. **QUESTION:** Are there any additional environmental reports and/or previous regulatory submissions (e.g. Preliminary Assessment Report, Site Investigation Report, Remedial Investigation Report, Remedial Action Workplan) and if so, can copies be provided? (BQ 284)
- RESPONSE:** No additional environmental reports will be provided. Bidders shall rely upon the data included in the DBIP.
78. **QUESTION:** The RRP, Section 5.0 identified three (3) Areas of Concern (AOC) for which remedial action(s) are required, including AOC-1, AOC-7 & AOC-8. However, Section 5.1 identified four (4) AOC's which required remedial action, including AOC-1, AOC-7, AOC-8 and AOC-9. Please confirm which AOC's are included as part of the remedial requirements. (BQ 285)
- RESPONSE:** The D-B is responsible for designing and conducting all remedial actions related to 4 areas of concern: AOC-1, AOC-7, AOC-8, and

AOC-9.

79. **QUESTION:** The RRP, Section 2.0 identifies that the NJSDA LSRP will be collecting remedial action verification sampling for the removal of petroleum impacted soils including AOC-1, AOC-8, AOC-9. Is there also a requirement for remedial action verification sampling for AOC-7, and if so who will be collecting these samples? (BQ 286)

RESPONSE: There is no requirement for remedial action verification sampling for AOC-7

80. **QUESTION:** Does the NJSDA have a preference regarding the off-site disposal management of the soils, landfilling and/or beneficial reuse? (BQ 287)

RESPONSE: Bidder's price proposal shall anticipate soil disposal as historic fill at a landfill approved to accept the material.

81. **QUESTION:** Is there an estimated volume of "foundations and debris associated with former structures" in Block 218, Lot 17; Block 219, Lots 22-24 & 35-37? (BQ 288)

RESPONSE: No. The majority of the residual concrete or other subsurface debris are considered part of the mass excavation spoils. The quantity debris of such excessive size or formidable composition that specialized tools or equipment are required or remove it could not be quantified in advance and, as such, are included in the Subsurface Conditions Allowance. See performance specification section G0000.00 Site-work, paragraph I.B.1.

82. **QUESTION:** Will the NJSDA be signatory on the media (e.g. soil, debris) manifests? (BQ 289)

RESPONSE: No, the selected D-B will be delegated authority to sign non-hazardous waste manifests on behalf of the Authority.

83. **QUESTION:** If additional underground storage tanks (UST) are encountered as part of the construction operations, will same be considered a change condition(s)? (BQ 290)

RESPONSE: Confirmed, in the event additional underground storage tanks are encountered their removal is a change to the scope of services and work.

84. **QUESTION:** Revised Stem / Robotics fit-out sheets E-6a, and E-6b (issued with Addendum #2) no longer show / list the 'Dust Collection System' in the floor plan or the adjacent spreadsheet. Please advise if a dust collection system is required and provide location. (BQ 293)
- RESPONSE:** A dust collection system is not required.
85. **QUESTION:** Addendum 3 is missing attachments as indicated below. The following items are missing from Addendum 3 as identified by RFI responses: Question 11 - Drawing E-6a, Question 27 - Drawing E-3a&b. Please provide these revised drawings. (BQ 294)
- RESPONSE:** See Addendum #4, section C Changes to the Educational Specifications, item a.
86. **QUESTION:** Per C2000.00, install tile using epoxy grout unless otherwise indicated. Per NJSDA MSSS C2030.25 page 9: Epoxy grout is to be used for quarry tile in kitchens. Please provide applications/locations where epoxy grout will be required in addition to the kitchen quarry tile. (BQ 296)
- RESPONSE:** Install tile using epoxy grout unless otherwise indicated. The Performance Specifications take precedence over the Materials and Systems Standards Manual. See the D-B Agreement, paragraph 25.3.
87. **QUESTION:** Please confirm waterproofing is required under all ceramic floor tile. (BQ 297)
- RESPONSE:** Install all ceramic tile with waterproof membranes. See performance specification section C2000.00 Interior Finishes, paragraph III.A.2.
88. **QUESTION:** Please advise if waterproofing is required under ceramic wall tile. (BQ 298)
- RESPONSE:** Install all ceramic tile with waterproof membranes. See performance specification section C2000.00 Interior Finishes, paragraph III.A.2.
89. **QUESTION:** Based off current and previous projects, the Green Cleaning Policy does not meet the current LEED standards for innovation. Is the SDA/District willing to accept an updated policy to meet these

standards? (BQ 299)

RESPONSE: Insufficient information is provided to evaluate the District's ability to accept an updated policy. The District's willingness to support this credit is limited to minor changes to their existing policy. See performance specification section PS1030.00 Project Criteria, paragraph I.A.5.b.(1)(j).

90. **QUESTION:** In order to meet Water Sense Label and obtain the prerequisite and LEED Certification, the specifications for the following fixtures need to be updated to reflect lower than the listed out Urinals (.125gpf), WC (1.28gpf), showerhead (2.0gpm) per the EPA's website: <https://www.epa.gov/watersense/watersense-products>. Currently they are listed in the specs as Urinals (.5gpf), WC (1.6gpf), showerhead (2.5gpm). (BQ 300)

RESPONSE: See the response to item No. 21.

91. **QUESTION:** Section D7050.00 states to use products selected for district-wide compatibility or equal. Is there a specific Fire Alarm vendor DB should be utilizing? (BQ 301)

RESPONSE: No, the District has not identified a proprietary manufacturer or vendor. Only compatibility with the District's existing system is required.

92. **QUESTION:** Are exterior handrails and railings to be stainless steel per G2030.00 OR galvanized pipe/aluminum per B2080.00? (BQ 302)

RESPONSE: All exterior guards and handrails shall be stainless steel. See the revised performance specification B2080.00 Exterior Wall Appurtenances.

93. **QUESTION:** The outside face of building aligns with the property lines on the north and south sides of new building, will the permanent below grade footings for the new 6-story building be allowed to extend over the property line? (BQ 303)

RESPONSE: See the response to item No. 29.

94. **QUESTION:** Regarding stormwater management, because the total area of disturbance exceeds 1 acre, it is assumed that the project will be considered a "Major Stormwater Development". As a

redevelopment with less than a quarter acre of new impervious surface, we assume that stormwater quality improvements will not be required. Is this the design intent? (BQ 304)

RESPONSE: The NJ SDA believes both the classification of the project as a major development and the exemption from the need for stormwater quality improvements may be one approach. Other approaches may be possible. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria.

95. **QUESTION:** It is assumed that the proposed stormwater detention system is intended to address stormwater quantity as required by N.J.A.C. 7:8 as well as peak flow reductions required by North Hudson Sewerage Authority. Is this the design intent? (BQ 305)

RESPONSE: The NJ SDA believes the need for stormwater detention is the most restrictive approach. Other approaches may be possible. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria.

96. **QUESTION:** The French & Parrello letter to North Hudson Sewerage Authority cites a sanitary sewer demand of 23,400 GPD. The will serve letter from North Hudson Sewerage Authority makes note of a sewerage flow of 21,000 GPD. Which flow is correct? (BQ 306)

RESPONSE: The estimated sanitary drainage demand was updated as the project advanced. The most recent response from the North Hudson Sewerage Authority dated 24 September 2021 acknowledges the 23,400gpd estimate.

97. **QUESTION:** The “Proposed Grading, Drainage, and Utility Plan” shows a water service connection connecting to the existing water main in 37th street. Suez Water recommends making the proposed water connections to the existing water main in 36th street, because that line is newer and larger than the water line in 37th street, and the line in 37th street may require partial replacement because of its age and smaller size. Does the SDA plan to follow that recommendation to connect to 36th street? (BQ 307)

RESPONSE: The domestic and fire water service connections are located in 36th St. See drawing C-201 Proposed Grading, Drainage, and Utility Plan, attached.

98. **QUESTION:** Spec section G2050.10 specifies artificial turf inlays. Is there a drawing showing the proposed line striping or other proposed markings for the artificial turf play area? (BQ 308)
- RESPONSE:** No striping is required in the Outdoor Physical Education Area.
99. **QUESTION:** The Remediation Responsibility Plan (RRP) is the only environmental report provided in the bid documents for an NJDEP SRP Case. Are the environmental reports (PA, SI, RI, RAWP) available for review? (BQ 309)
- RESPONSE:** No additional environmental reports will be provided. Bidders shall rely upon the data included in the DBIP.
100. **QUESTION:** Has a Remedial Action Workplan been submitted to the NJDEP? Can it be provided? (BQ 310)
- RESPONSE:** No, a Remedial Action Work Plan is not yet available. Bidders shall rely upon the data included in the DBIP.
101. **QUESTION:** The RRP state that limited groundwater investigations from one (1) temporary well identified groundwater contamination. According to the NJDEP, a groundwater investigation is required. Has a groundwater investigation been conducted? If so, please provide the results. If not, will NJSDA be performing a groundwater investigation? (BQ 311)
- RESPONSE:** No, other than the single temporary well, a groundwater investigation has been performed. If further groundwater investigation is necessary it will be performed the NJSDA.
102. **QUESTION:** What is the depth to groundwater? (BQ 312)
- RESPONSE:** The observed depth to groundwater varies. See the boring logs included in the Geotechnical Data Report.
103. **QUESTION:** The bid documents mention dewatering and disposal, with a note of groundwater contamination and very little groundwater information. Will NJSDA be providing more details on the contaminated groundwater (depth, volume, concentrations, well/sample locations, extent of contamination, off-site impacts, etc.)? (BQ 313)

RESPONSE: Regarding the depth to groundwater see B? #312. Regarding the type and extent of exceedances groundwater is impacted due to the overlaying historic fill. See the RRP sections 2.0 and 5.2.

104. **QUESTION:** The RRP mentions, “for bidding purposes, the Design Build shall assume depth to bedrock is 8.0 feet on Block 218, Lots 15, 16, 44 & 45.” What is the assumed depth to bedrock on the remaining lots? What if bedrock is deeper than 8’ and extra volume needs to be removed? Who will determine the base depth of the excavation? (BQ 314)

RESPONSE: See the response to item No. 27.

105. **QUESTION:** What are the concentration of the soil contamination and where are those sample results located? Can a sampling plan and analytical summary table be provided? (BQ 315)

RESPONSE: No, a sampling plan and analytical summary table will not be provided. Bidders are to reply upon the information included in the DBIP. See the RRP section 5.2.

106. **QUESTION:** What material was used to backfill the UST excavations? Does the UST backfill material need to be excavated and disposed or is it reusable? If, reusable, who determines? (BQ 316)

RESPONSE: Certified clean fill was used to backfill the underground storage tank excavations. Yes, the UST backfill material is required to be excavated and disposed of. Bidders shall anticipate it is not reusable.

107. **QUESTION:** Have delineation soil samples been collected from the UST AOC? If so, please provide. (BQ 317)

RESPONSE: No, delineation soil samples have not been collected from the UST AOC.

108. **QUESTION:** Has a historic fill investigation been performed? If so, please provide. (BQ 318)

RESPONSE: Yes, the results are incorporated in the RRP. Bidders should anticipate the entire project site is underlain by historic fill.

109. **QUESTION:** AOC-9 is outside the construction site. Please provide how the NJSDA would like AOC-9 addressed. (BQ 319)

RESPONSE: The remediation of AOC-9 is included in the scope of work and will require the appropriate permits. See the RRP, section 3.2. Note that AOC-1 will also require the appropriate permits.

110. **QUESTION:** How will the materials be handled for utility connections outside of the construction site? Will clean utility corridors be required? Will they need to extend down to bedrock for shallow utilities that connect in the street? (BQ 320)

RESPONSE: Yes, clean utility corridor are required. No, excavation to bedrock is not required outside the project site.

111. **QUESTION:** Has any preliminary waste characterization been performed on the historic fill materials? This would assist with identifying acceptable disposal facilities and cost estimates. (BQ 321)

RESPONSE: None, other than the description provided in the RRP. Bidders shall reply upon the data provided in the DBIP. The D-B is responsible for waste classification sampling. See the RRP, section 5.2.

112. **QUESTION:** Can any of the fill material be reused on-site? (BQ 322)

RESPONSE: See the response to item No. 57.

113. **QUESTION:** Can construction activities commence simultaneously with remediation activities? (BQ 323)

RESPONSE: It is the responsibility of the D-B to schedule the work, See the D-BA, paragraph 2.5.1.

114. **QUESTION:** Is there an NJSDA preferred passive sub-slab depressurization system for this project? (BQ 324)

RESPONSE: The basis of design for a type 1 system is Tera-Shield by Land Science. The basis of design for a type 2 system is by Cupolex Building Systems. See performance specification section A6020.20 Radon and Vapor Intrusion Mitigation, paragraph II.

115. **QUESTION:** Is a demarcation barrier required if the intent is to remediate all the site soils? (BQ 325)

RESPONSE: A demarcation barrier is not required where soils are removed to

bedrock.

116. **QUESTION:** If excess fill materials below 8' require excavation, how will the NJSDA account for additional fill removal/disposal? (BQ 326)
- RESPONSE:** See the response to item No. 27.
117. **QUESTION:** Has a geophysical investigation been performed? If so, please provide. (BQ 327)
- RESPONSE:** Yes, a ground penetrating radar investigation was performed primarily to locate underground storage tanks. The results are incorporated in the RRP. Bidders shall reply upon the data provided in the DBIP. The selected D-B will be provided the report for their information only.
118. **QUESTION:** What subsurface structures/anomalies have been identified and where are they located? (BQ 328)
- RESPONSE:** The known anomalies are described in the Geotechnical Data Report and RRP.
119. **QUESTION:** Will shoring or sheet piling be required? (BQ 329)
- RESPONSE:** The D-B is responsible for both the protection of adjacent properties and control over the means, methods, sequences, and techniques of construction. See the D-B Agreement, paragraphs 3.9 and 6.10.8.
120. **QUESTION:** Will all the lots need to be excavated to 8' or to bedrock? (BQ 330)
- RESPONSE:** See the response to item No. 57.
121. **QUESTION:** What is the minimum clearance dimension required by the SDA between the corridor water coolers and opposite walls? (BQ 332)
- RESPONSE:** See Addendum #4, section E Bidder's Questions, Requests for Information, and Responses, item #119. The water coolers are no longer the most restrictive part of the corridors.
122. **QUESTION:** Will the SD allow fin walls to be added in plan on the sides of all corridors EWC's to address ANSI 4" max protrusion limits? (BQ 333)

RESPONSE: See Addendum #4 section E Bidder's Questions, Requests for Information, and Responses, item 119.

123. **QUESTION:** After reviewing the latest bid forms for this project, it appears that for the current stage of bidding the Design Builders are to list with their bids the General Contractor (Design-Builder), the Design Consultant (Architect), and the four main trade subcontractors (Steel, Plumbing, HVAC, Electrical). Please confirm that we are not required to list any other entities with this bid, such as design sub-consultants or etc. as that portion of the bid process / the RFQ was already done. (BQ 334)

RESPONSE: Confirmed, only those trades noted in the Price Proposal, section E Identification of Bidders and Subcontractors need be listed.

124. **QUESTION:** Please confirm whether the Authority has determined that the requirement to remove soil to bedrock adjacent to neighboring property lines at the site and/or to install temporary sheeting and/or shoring protection for adjacent properties as referenced by Specification Section G1070.20 in Article I B.1., will be feasible without resulting in interferences with existing foundations supporting the adjacent properties. If such a determination has not been made, please confirm that the Subsurface Conditions Allowance shall be used to address the costs associated with such interferences including the requirement for any underpinning that may be required. (BQ 335)

RESPONSE: Regarding information describing the foundations of the adjacent structures see response to item No. 2. Bidders are to anticipate the below grade elements of the adjacent structures do not encroach upon the project site. In the event it is discovered below grade elements of the adjacent structures do encroach upon the project site the necessary modifications to the design will be a change to the scope of services and work in accordance with the terms and conditions of the D-B Agreement. This work is not included in the Subsurface Conditions Allowance.

125. **QUESTION:** There are multiple references within the project specifications as to certain trade consultants, different from the Design Consultant and Subconsultants outlined during previously completed RFQ process. Some examples include: Spec section C1030.00 "The Design-Builder shall retain a professional certified as a Door + Hardware Consultant by the Door and Hardware Institute...", Spec section E1070.00 "Design-Builder shall retain a theater design

consultant to design, specify, and oversee the construction, turnkey installation and testing of all entertainment equipment”, Is it acceptable to the SDA that the successful bidder’s Design Consultant (Architect) assumes the above mentioned responsibilities, or will the SDA absolutely require additional consultants for every trade / specification section where “consultant” is specifically mentioned. Please advise. (BQ 336)

RESPONSE: If the Design Builder’s Design Consultant (Architect) can demonstrate the required credentials, education, or experience then the Authority does not object to their performing the role of those Consultants required exclusively by the performance specifications.

126. **QUESTION:** Specification Section G0000.00, Article I B.1., states that the Design-Builder shall be responsible for the removal of pre-existing concrete footings, foundations, slabs and other miscellaneous debris within the zone of construction at no additional cost to the Authority. This Article appears to be incorrect since the Bid Documents include a Cost Allowance for subsurface conditions. In addition, the Authority has not provided details / dimensions / information on every obstruction so there is no way for us to know what will be encountered during excavation. Please confirm that the Subsurface Conditions Allowance of \$150,000 shall be used to address the costs associated with the removal of underground concrete structures or other large objects. (BQ 337)

RESPONSE: Not confirmed. The majority of the residual concrete or other subsurface debris are considered part of the mass excavation spoils and shall be removed by the D-B at no additional cost to the Authority. Only the quantity debris of such excessive size or formidable composition that specialized tools or equipment are required for remove are included in the Subsurface Conditions Allowance. See performance specification section G0000.00 Site-work, paragraph I.B.1.

127. **QUESTION:** Please confirm that the Subsurface Conditions Allowance shall be used to address costs of bedrock removal that may be required due to interferences with the proposed building foundation work. (BQ 338)

RESPONSE: See the response to item No. 27.

128. **QUESTION:** Please confirm that rock blasting activities will be allowed at the

site. (BQ 339)

RESPONSE: The use of explosives is discouraged. See the D-B Agreement, Section 5.7 Use of Explosives.

129. **QUESTION:** Please confirm whether it will be acceptable to use suspended sound absorbing acoustical material at the ceiling of the gymnasium within the area of the floor framing below the Dance Studio in lieu of providing a double floor slab for the Dance Studio. (BQ 340)

RESPONSE: No, acoustical materials which do not leave the floor deck and structural frame exposed above room A-110 Gymnasium are not acceptable. See the Ed Spec pages B-7 to 11 Room Finish Schedule. The “double slab” described in the Materials and Systems Standards Manual in only one possible method to achieve the Impact Isolation Class required by table 1030.00-1 Acoustic Performance Criteria for the floor of room C-329 Dance Studio. Subject to conformance with the other project requirements other approaches may be possible.

130. **QUESTION:** Drawing A-603 as issued by Addendum #3 shows a requirement for a wire mesh partition at the 5th Floor Stair to Roof. The Sixth Floor Roof Plan shown by Detail B on Drawing A-105 shows both Stair ST-01 and Stair ST-02 extending to the roof. Please confirm whether it is intended that a wire mesh partition be provided at both of these stairs. Please also confirm whether these partitions will be effective in preventing access to the roof since Elevator EA-01 is also shown as a means of providing access to the roof. (BQ 341)

RESPONSE: A wire mesh partition is required in only ST-03 Stair. See detail A Fifty Floor Plan drawing A-103 Fifth Floor, Sixth Floor, and Roof Plans.

131. **QUESTION:** D2010.20 I.2.c. makes reference to water filtration equipment. Please confirm that a main water service water filtration is not required and that P.O.U. filters will be per section C.3. (BQ 342)

RESPONSE: The correct reference is performance specification section D2010.20 Domestic Water Equipment, paragraph I.A.2.c. Confirmed, incoming water service filtration is not required. Point of use filtration is required. See D2010.20 Domestic Water Equipment, paragraph I.C.3.

132. **QUESTION:** D2010.20 I.C.3.C,(4) requires filters at faculty dining and work room sinks. D2010.60.I.C.2. does not require filters at faculty dining or workroom sinks, please advise. (BQ 343)

RESPONSE: Provide lead and particulate filters at the sinks in rooms A-117 Faculty Conference / Dining, and C-308, C-408, and C-508 Teacher Workrooms. See the D-B Agreement, Section 25.3.

133. **QUESTION:** Please clarify the design for the science labs: a.) Is gas required at all sinks or only at the teacher's stations? b.) In volume 3, Science Labs 7th & 8th grade there is a provision for waste interceptors. Are these to be under sink acid neutralization tanks per Section D2010.20 II.E.2.C. ? If so, is the waste after the sink tank to be considered sanitary with no need for acid waste piping after the sink tanks or a centralized large capacity acid neutralization tank as referenced in D2010.20 II.F.1.? c.) In volume 3, Science Labs Grade 9, there is a provision for solid interceptors. Are these to be under sink acid neutralization tanks per Section D2010.20 II.E.2.C. ? If so, is the waste after the sink tank to be considered sanitary with no need for acid waste piping after the sink tanks or a centralized large capacity acid neutralization tank as referenced in D2010.20 II.F.1.? (BQ 344)

RESPONSE: a. Fuel gas connections for educational use are required at only the teacher demonstration tables in rooms C-316, C-318, C-416, C-418, C-516, and C-518 Science Labs. See the Ed Spec pages C-3 to 4 Grade 7-8 Science Lab and C-10 to 11 Grade 9 Science Lab.

b. Under sink acid neutralization tanks are not described in performance specification section D2010.20 Domestic Water Equipment, paragraph II.E.2.c. The solids interceptors described in the Ed Spec pages C-3 to 4 Grade 7-8 Science Lab and C-10 to 11 Grade 9 Science Lab are specified in performance specification section D2010.20 Domestic Water Equipment, paragraph II.E. While this section includes acid resistant waste interceptors it does not require an acid neutralization system. Regarding the need for an acid neutralization system see the response to item No. 37.

c. See the responses above.

134. **QUESTION:** Please advise if the Hydroponic, STEM/Robotics, or the Environmental Science Labs require acid waste piping or sanitary piping? (BQ 345)

RESPONSE: District procedures prohibit the intentional disposal of un-neutralized acids or bases into the sanitary drainage system. Dilution of chemical waste is necessary only where required by code. See performance specification section D2010.20 Domestic Water Equipment, paragraph II.F. The D-B is required to make all portions of the project comply with code. See performance specification section PS 1030.00 Project Criteria.

135. **QUESTION:** Please confirm if SCSE Toilet Rooms should receive child appropriate fixtures or standard height fixtures as described in C specification C-2 (BQ 348)

RESPONSE: The facility shall be designed to accommodate students in grades 7 through 9. Child appropriate fixtures are necessary only where required by code.

136. **QUESTION:** Please confirm if heat trace system and insulation is not required for underground food service waste lines to separator. Waste lines are within the building envelope and appear to be no subject to freezing. (BQ 349)

RESPONSE: For the purpose of determining whether heat tracing of food service waste piping between the Kitchen and grease interceptor is required piping “subject to freezing” shall be defined as piping outside the perimeter walls of the building foundation and above the frost line.

137. **QUESTION:** Please advise what size flag is intended for the flagpole? It is needed so that proper engineering can be done so that the correct size pole is made to handle the wind loads, etc. (BQ 351)

RESPONSE: A 5ft x 8ft flag is required. See performance specification section B3020.00 Roof Appurtenances, paragraph II.J.c.

138. **QUESTION:** There is no accommodation for ADA work space within the kitchen (ie: table, sinks). (BQ 352)

RESPONSE: We believe the correct reference to be to the 2018 International Building Code New Jersey Edition, Chapter 11. Room A-116 Food Service Kitchen is an “employee work area.” Employee work areas shall be designed only so that individuals with disabilities can approach, enter and exit the work area. Accessible work stations (for example tables or sinks) are not required.

139. **QUESTION:** Water Line Replacement in 37th Street. The will serve letter from Suez Water indicates that the existing 6" water line in 37th Street is from the early 1900's and would likely need to be replaced to meet the water flow demands of the proposed school. Please confirm if the design intent is to replace the water main in 37th Street and connect the new school service laterals to the newly installed main. (BQ 355)

RESPONSE: See the response to item No. 97.

140. **QUESTION:** Addendum No. 2 RRP Report - Site Excavation. The Addendum No. 2 RRP Report pg. states "the entirety of the materials overlying the bedrock shall be excavated, managed, and disposed off-site". The Geotechnical Report pg. 4 states "For bidding purposes, an average depth of 8 feet to bedrock should be assumed." The Geotech Report Appendix C Test Pit Data Plan notes that in many of the listed test pits, the top of bedrock is deeper than the assumed 8-ft depth. Please confirm that if the actual volume of excavated, disposed and imported materials are beyond the volume based on the 8-foot depth to bedrock will be paid for by a Change Order to the Contract. (BQ 356)

RESPONSE: Refer to response to item No. 27.

141. **QUESTION:** Element g _ Sitework (test pits). The Geotechnical Report pg. 3 states that Test Pits T1-A to T17-C were excavated with "Specific emphasis on delineating the extent of potential buried footings". The Geotech Report Appendix C Test Pit Summary shows that buried concrete footings were found to exist in nine (9) of the 17 excavated test pits. The full extent of the buried concrete was not excavated at each of the test pits. Therefore, the buried concrete volume being removed and disposed of cannot be determined at Bid time. We suggest that an Allowance for the removal and disposal of buried concrete footings be provided for bidding purposes. (BQ 358)

RESPONSE: The Subsurface Conditions Allowance is already included for this purpose. See procedural specification 01010 Scope of Work, paragraph 1.4.B.3. The majority of the residual concrete or other subsurface debris are considered part of the mass excavation spoils and shall be removed by the D-B at no additional cost to the Authority. Only the quantity debris of such excessive size or formidable composition that specialized tools or equipment are

required for remove are included in the Subsurface Conditions Allowance. See performance specification section G0000.00 Site-work, paragraph I.B.1.

142. **QUESTION:** Element G – Sitework (substantial or massive subsurface concrete). The Project Manual Specification Section G000-1.B states “the Design-Builder will be compensated for all costs associated with the excavation, demolition and/or removal of the excessively substantial or massive subsurface concrete or debris”. Please define “substantial or massive subsurface concrete. (BQ 359)

RESPONSE: Debris of excessive size, formidable composition, excess substance, or massive size is defined as requiring the use of specialized tools, equipment, or techniques for their removal. See performance specification section G0000.00 Site-work, paragraph I.B.1.

143. **QUESTION:** Element G – Sitework (traffic control). The Addendum No. 3 Section B.4.c states “UCPD shall be retained 24 hrs. / day and 7 days / week for the duration of both short and long term vehicular closures for traffic control.” An accurate estimation of short and long term vehicular closures at Bid time is not practical. Please establish an Allowance for the UCPD traffic directors or provide the minimum number of hours for traffic directors that should be included in the Bid. (BQ 360)

RESPONSE: The D-B shall be responsible to contact, schedule and coordinate with the Union City Police Department. An allowance has been established for the UCPD fees. See the revised procedural specification 01010 Scope of Work, attached.

144. **QUESTION:** Dance Studio Curtain RFI. Please provide information regarding the curtains in the Dance Studio that are located in front of the mirrored wall per fit-out E19. They are not listed in the Fabric Schedule on E1070.00 specification section. (BQ 363)

RESPONSE: See the revised performance specification section E1070.00 Entertainment and Recreational Equipment.

145. **QUESTION:** We are requesting a 2-week bid extension due to the amount of RFI's submitted. (BQ 376)

RESPONSE: See Addendum #4, section A Changes to the Procurement Process,

item 1 Modifications to the Request for Proposal and Associated Documents.

146. **QUESTION:** Please confirm that any needed police services during the construction duration will be provided by the city at no cost to contractor. (BQ 377)

RESPONSE: Refer to response to item No. 143.

147. **QUESTION:** Please confirm that the Contractor is not responsible for any traffic control and traffic control fees associated with deliveries. Please establish a Police Escort or Traffic Management Allowance. (BQ 378)

RESPONSE: Refer to response to item No. 143.

148. **QUESTION:** Is dust monitoring required during the soil removing activities? If so, please provide a copy of the approved dust monitoring Plan. (BQ 380)

RESPONSE: Yes, monitoring is required. It is the D-B's responsibility to develop a "dust monitoring plan." See the RRP, section 4.2. and performance specification section G1010.00 Site Clearing, paragraph III.B.

149. **QUESTION:** Who will be responsible for paying all permit and application fees? (BQ 382)

RESPONSE: See Addendum #4, section E Bidder's Questions, Requests for Information, and Responses, item 66.

150. **QUESTION:** Section 3.7 Interview of the RFP document states that "bidders are not permitted to bring handouts or other written materials to the interviews to provide to the Technical Review Committee members". Please confirm that this does not include a powerpoint presentation that is typically prepared and presented during the interview. (BQ 387)

RESPONSE: Not confirmed. The interviews will be conducted virtually. There will be no opportunity for bidders to distribute hardcopy materials of any sort, including your PowerPoint presentation, during the interviews, nor should this or any other supplemental materials be included with the Technical Proposals.

151. **QUESTION:** Drawing C-201. Please confirm that the service line shown connecting from the proposed transformer to the existing utility pole (across 37th Street) is intended to be a telecommunications line and not an electric line. (BQ 389)

RESPONSE: Not confirmed, the line connecting the electrical utility transformer to utility pole 60766US illustrates an underground electric distribution duct. See the revised drawing C-201 Proposed Grading, Drainage, and Utility Plan, attached.

152. **QUESTION:** Drawing C-201. Please also confirm the location and intent of the proposed electric service conduit at the northeast corner of the school. This line does not appear to connect to any of the proposed facilities or existing utility infrastructure. (BQ 390)

RESPONSE: The line crossing 37th Street between the building and Outdoor Physical Education Area illustrates underground branch wiring ducts and communication conduits serving the Outside Physical Education Area.

F. CHANGES TO PREVIOUS ADDENDA:

a. Revised response to Addendum No. 4, Section E. Bidder's Questions, Requests for Information and Responses, Item No. 67:

67. **Question:** Please confirm that all testing and inspections will be performed by a third-party company hired and paid by the Owner/NJSDA. (BQ97)

Response: *Confirmed, the NJSDA's Construction Manager is responsible to pay the fees for special inspectors for the project. See the D-B agreement Section 3.6.1.*

Not confirmed, the D-B is responsible for all permit, approval, license, government, and inspection fees by any Authority, other than the NJ DCA, Having Jurisdiction over the Project. See the D-B agreement paragraph 3.6.1.

G. ATTACHMENTS

Attachment 5.01	UN New 7-9 Price Proposal dated April 14, 2022
Attachment A5.02	Drawing A-601 Door and Gate Schedules, Dated 04/13/2022 (.pdf)
Attachment A5.03	Drawing A-601 Door and Gate Schedules, Dated 04/13/2022 (.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. 5



Addendum No. 5

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

DATE: April 14, 2022

PROJECT #: HU-0029-B01

DESCRIPTION: Union City - New Grade 7 through 9 School
Union City, NJ
Addendum No. 5

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.4 of the Price Proposal Submission for Design Build Projects.

Signature

Print Name

Company Name

Date

PRICE PROPOSAL

**DESIGN-BUILD
PRICE PROPOSAL SUBMISSION**

to

NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

Contract Number: HU-0029-B01

Contract Name: Union City - New Grade 7 through 9 School

District: Union City

County: Hudson

Bid of _____
(Design-Builder's Name) (Design-Builder's Federal I.D. #)

(Design-Builder's Name) (Design-Builder's Federal I.D. #)

a Corporation organized and existing under the laws of the State of _____

or a partnership or joint venture consisting of _____

or an individual, trading as _____

Important Notes:

1. A Design-Builder shall not submit a Price Proposal that, excluding amounts for design services and the GMP Reserve, exceeds its Project Rating Limit for the Project.
2. A Design-Builder may not submit a Price Proposal that, excluding amounts for design services and the GMP Reserve, and when added to the amount listed on its Uncompleted Contracts Form, exceeds its Aggregate Limit.
3. A Design-Builder shall not submit a Price Proposal that causes any one of the Subcontractors required to be named under Section 2.1A of the Request for Proposals ("RFP") to exceed its Aggregate Limit.

A. Price Proposal Submission:

1. The Design-Builder shall complete and execute this Price Proposal and enclose it, with its Technical Proposal, in an envelope that is sealed and clearly marked with the Design-Builder's Name, Contract Number, Contract Name, School District Name and the date of Proposal submission. The Design-Builder shall submit its Technical and Price Proposals to the NJSDA in accordance with Section 4.2 of the RFP.
2. Design-Builders submitting a bid as a Joint Venture shall comply with all the requirements in Section 4.2.3 of the RFP. In addition, each member of the Joint Venture shall sign the Price Proposal, have its signature witnessed and the Corporate Seal must be affixed to the signature.

3. The Technical and Price Proposals shall be subject to a public opening by the NJSDA on the date and time provided in the RFP.

B. Design-Builder:

1. All Design-Builders must be classified by the Department of the Treasury-Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor and Workforce Development; and registered with the Department of the Treasury-Division of Revenue; and must provide valid contractor or trade licenses where applicable at the time of submission of this bid. **Time is of the essence for completion of the Project in this package.**
2. The Design-Builder must submit a copy of its Uncompleted Contracts Form. Uncompleted Contracts forms submitted by the Design-Builder and any named Subcontractors must reflect accurate and timely information. The amount set forth in the Uncompleted Contracts Form must reflect the amount of uncompleted work as of the date of the bid submission, or the date of the response to the RFP. In no instances will Uncompleted Contracts forms be acceptable where the date of the Form is greater than 120 days prior to the due date for bid or proposal submissions.
3. If the Design-Builder will be performing work with its “own forces” in any of the trades listed in the RFP, the Design-Builder must be properly classified and pre-qualified to perform such work in the named trades, and must state its intention to perform such work with its “own forces.” Failure to so state, and/or failure to indicate what firms will be performing the work in the trades identified in the RFP, may cause the bid to be rejected.

C. Subcontractors:

1. The Design-Builder must name the Design Consultant to be engaged as the Design-Builder’s Design Consultant, and all subcontractors that will be performing work in any of the trades listed in the RFP or required by statute. If the Design-Builder intends to self-perform any of the trades required by the RFP and/or the Contract Documents, the Design-Builder must identify itself as self-performing in such required trades(s).
2. In accordance with the requirements of N.J.S.A. 52:18A-243, each Design-Builder is required to set forth in its bid the name or names of all subcontractors to whom the Design-Builder will directly subcontract for the furnishing of any of the work and materials specified in the plans and specifications for the following branches: (1) the plumbing and gas fitting and all work and materials kindred thereto (“Plumbing Branch”); (2) the steam and hot water heating and ventilating apparatus, steam power plants and all work and materials kindred thereto (“HVACR Branch”); (3) the electrical work (“Electrical Branch”); and (4) structural steel and miscellaneous iron work and materials (“Structural Steel Branch”).
3. When naming subcontractors in accordance with Section C.2 above, a Design-Builder is required to name only those subcontractors that are engaged directly by the Design-Builder (“first-tier subcontractors”). Design-Builders are NOT REQUIRED to name any subcontractors engaged by the first-tier subcontractors or by others (e.g., “second-tier subcontractors” or “third-tier subcontractors.”)
4. All listed subcontractors identified in accordance with Sections C.1. and C.2. above must be classified by the Department of the Treasury-Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor and Workforce Development; and registered with the Department of the

Treasury-Division of Revenue; and must provide valid contractor or trade licenses where applicable at the time of submission of this bid.

- All Design-Builders must submit a copy of the Uncompleted Contracts Form for any subcontractor identified in the bid advertisement. Uncompleted Contracts forms submitted by the Design-Builder and any named Subcontractors must reflect accurate and timely information. The amount set forth in the Uncompleted Contracts Form must reflect the amount of uncompleted work as of the date of the bid submission, or the date of the response to the RFP. In no instances will Uncompleted Contracts forms be acceptable where the date of the Form is greater than 120 days prior to the due date for bid or proposal submissions.

D. Small Business Enterprise Opportunities:

- The NJSDA requires the Design-Builder to provide opportunities to SBE firms to participate in the performance of this engagement, consistent with NJSDA SBE set aside goals of awarding 25% of the total design and construction contract value to registered SBE firms with revenues that do not exceed the annual revenue standards established by the Federal standard at 13 CFR 121.201.

Pursuant to the Set Aside Act for Disabled Veterans’ Owned Businesses, N.J.S.A. 52:32-31.1 et. seq., the SDA requires the Design-Builder to provide opportunities to DVOB firms to participate in the performance of this engagement, over the entire duration of the project, consistent with the set aside goals of the N.J.S.A. 52:32-31.5, awarding 3% of the total design and construction contract value to firms registered with the Department of the Treasury–Division of Revenue and Enterprise Services as DVOB firms.

E. Identification of Bidder and Subcontractors:

- In the table below, identify all firms that will be performing work in any of the trades listed in the RFP or required by statute. If the Design-Builder intends to self-perform any of the trades required by the RFP and/or the Contract Documents, the Design-Builder must identify itself as self-performing in such required trade(s).

REQUIRED PER ADVERTISEMENT			
TRADE	TRADE CODE	FIRM	FED #
CONSTRUCTION MANAGER AS CONSTRUCTOR	C006		
DESIGN-BUILD	C007		
GENERAL CONSTRUCTION	C008		
ARCHITECTURE	P001		
STATUTORILY REQUIRED (AS NECESSARY)			
TRADE	TRADE CODE	FIRM	FED #
STRUCTURAL STEEL	C029		
PLUMBING	C030		

HVACR	C032		
ELECTRICAL	C047		
ADDITIONAL SUBCONTRACTORS (AS NECESSARY)			
TRADE	TRADE CODE	FIRM	FED #

F. Price:

1. The undersigned, as Design-Builder, declares:
 - That this Price Proposal is made, without collusion with any other person, firm or corporation;
 - That the Design-Builder has carefully examined the RFP and the forms of the Project Manual, Design-Build Agreement, Design-Build Information Package, Addenda, Specifications, Drawings and all other Contract Documents;
 - That the Design-Builder has carefully examined the locations, conditions and classes of material for the proposed work;
 - That the Design-Builder agrees that it will provide all necessary design services, machinery, tools, apparatus and other means of construction and will do all Services and Work and furnish all the materials called for in the Design-Build Contract Documents in the manner therein prescribed; and
 - That this Price Proposal is submitted Net of Insurance, excluding all applicable insurance expenses and policy costs allocated to the on-site activities of the project with respect to Workers' Compensation and Employer's Liability, Commercial General Liability, Excess/Umbrella Liability and Builder's Risk insurance as provided by the NJSDA's Owner Controlled Insurance Program outlined in the Agreement.

2. In submitting this Price Proposal, the Design-Builder agrees:
 - That the NJSDA has the right to reject this Price Proposal in accordance with the terms of the RFP.
 - To hold this Price Proposal open for a period of one hundred twenty (120) calendar days from the date of the public opening and reading of the Price Proposals, unless this time period is extended by mutual agreement of the Design-Builder and the NJSDA.
 - To accomplish the work at the price bid, in accordance with the Contract Documents.

3. Base Bid Price:
 - Total amount for the furnishing of all design and construction administration services, labor, materials, services, equipment and appliances required in conjunction with and properly incidental to all Services and Work, in conformance with all Design-Build Contract Documents.

- In case of a discrepancy between the amount shown in words and the amount shown in figures, the amount shown in words shall govern.

1. Design Services:	\$	_____
2. Construction Services:	\$	_____
3. GMP Reserve*	\$	_____ 1,200,000.00 _____

* GMP Reserve Includes: \$500,000 General Design and Construction Allowance; \$100,000 Emergency Responder Radio System Allowance; \$150,000 Subsurface Conditions Allowance and \$450,000 Vehicular Closures Allowance;

TOTAL BID PRICE: _____
 (Sum of all three items) (In Words)

\$ _____
 (In Figures)

4. Addenda:

The Design-Builder acknowledges receipt of and has incorporated into this bid the following Addenda:

Addendum No.:	1	2	3	4	5					
Date Issued:	12/03/21	03/10/22	03/24/22	04/05/22	04/14/22					
Acknowledgement:										

* The Design-Builder shall acknowledge each issued Addendum by completing the chart above and initialing in the "Acknowledgement" box corresponding to each issued Addendum.

G. Certification

The Design-Builder hereby certifies to the best of its knowledge and belief and under penalty of perjury under the laws of the United States and the State of New Jersey:

1. That all information provided herein is accurate and truthful.
2. That an affirmative action program of equal employment opportunity, pursuant to P.L. 1945, c. 169, the "New Jersey Law Against Discrimination," as supplemented and amended has been adopted by this organization to ensure that applicants are employed and employees are treated without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation gender identity or expression, disability, nationality or sex, and that the selection and utilization of contractors, subcontractors, consultants, materials suppliers and equipment lessors shall be done without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeships. The Design-Builder agrees to post in conspicuous places, available to employees and applicants for employment, Notices to be provided by the NJSDA's Compliance

Officer setting forth provisions of this nondiscrimination clause. Said affirmative action program addresses both the internal recruitment, employment and utilization of minorities and the external recruitment policy regarding minority contractors, subcontractors, consultants, materials suppliers and equipment lessors.

3. That the bid has been executed with full authority to do so; that the Design-Builder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with these projects; and that all statements contained in this bid and in this certification are true and correct and made with full knowledge that the NJSDA relies upon the truth of the statements contained in this bid and in the statements contained in this certification in awarding the contract for the projects.
4. That neither the Design-Builder nor its principals:
 - A. are currently debarred, suspended, proposed for debarment, declared ineligible, or excluded from bidding or contracting by, any agency of government including but not limited to federal, state, regional, county or local government agency, in this or any other state including any department, division, commission, authority, office, branch, section and political subdivision or other governmental or quasi- governmental entity;
 - B. are voluntarily excluded from bidding or contracting, or have agreed to voluntarily refrain from bidding or contracting, through an agreement with any agency of government including but not limited to federal, state, regional, county or local government agency, in this or any other state including any department, division, commission, authority, office, branch, section and political subdivision or other governmental or quasi-governmental entity;
 - C. have, within a three-year period preceding this bid, been convicted or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public federal, state or local contract; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - D. are currently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in paragraph C of this certification; and
 - E. have within a three-year period preceding this bid, had one or more public contracts (federal, state or local) terminated for cause or default.
5. The Design-Builder has a current, valid registration issued pursuant to the “Public Works Contractor Registration Act, pursuant to N.J.S.A. 34:11-56.48 et. seq.
6. The Design-Builder has a current, valid Business Registration Certificate for State Agency and Casino Service Contractors issued by the NJ Department of the Treasury to perform work in New Jersey.
7. The Design-Builder has current, valid contractor or trade licenses and permits required under applicable New Jersey law for any trade or specialty area in which the firm seeks to perform work.
8. That the Design-Builder will comply with the N.J. Division of Purchase and Property “Two-Year Chapter 51/Executive Order 117 Vendor Certification & Disclosure of Political Contributions” as prescribed by N.J.S.A. 19:44A-20.13 et seq. (P.L. 2005, c.51) and Executive Order 117, if awarded the bid.

9. That the Design-Builder is aware of its continuing responsibility to file an annual disclosure statement on “contributions” as that term is defined in P.L. 2005, c. 51 (formerly Executive Order 134 (2004)) or any “Business Entity,” as that term is defined in P.L. 2005, c. 51, associated with the Design-Builder, on the “Disclosure of Political Contribution” form provided by the NJSDA, at the time such contribution is made.” This applies to the contractor if the contractor receives contracts in excess of \$50,000 from a public entity in a calendar year. It is the contractor's responsibility to determine if filing is necessary. Failure to so file can result in the imposition of financial penalties by ELEC. Additional information about this requirement is available from ELEC at 888-313-3532 or at www.elec.state.nj.us .
10. During the term of construction of the project(s) that comprise this package, the Design-Builder will have in place a suitable quality control and quality assurance program and an appropriate safety and health plan.
11. The amount of the Price Proposal and the value of the Design-Builder’s outstanding incomplete contracts does not exceed the Design-Builder’s Aggregate Rating.
12. Where the Design-Builder is unable to certify to any of the statements in this certification, the Design-Builder shall explain below (Design-Builder may attach additional documentation, as necessary).

IN WITNESS WHEREOF, the Design-Builder has caused this instrument to be signed, attested to and sealed.

Design-Builder: _____ (Legal Firm Name)

Signature: _____

Print Name: _____

Title: _____

Address: _____

Date: _____



If submitted by a Joint Venture, for each additional bidder, complete and execute below:

Design-Builder: _____ (Legal Firm Name)

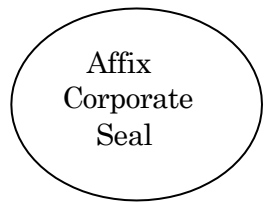
Signature: _____

Print Name: _____

Title: _____

Address: _____

Date: _____



Witness Signature: _____

Print Name: _____

Title: _____

Date: _____

END OF PRICE PROPOSAL

