

**SMYRNA SCHOOL DISTRICT  
Thomas D. Clayton Building Renovations  
Bid Number SSD-15-004**

ADDENDUM NO. 5

01 February 2016

Smyrna School District  
Thomas D. Clayton Building  
80 Monrovia Ave.  
Smyrna, Delaware 19977

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BIDS DUE:

**3:00 p.m. on February 11, 2016**

LOCATION:

**Smyrna School District Administrative Offices  
82 Monrovia Ave, Smyrna, DE 19977**

ARCHITECT'S PROJECT NO: 14107e

1.0 NOTICE TO ALL BIDDERS:

- 1.1. Bidders are hereby notified that this Addendum shall be and hereby becomes part of their Contract Documents, and shall be attached to the Project Manual for this project.
- 1.2. The following items are intended to revise and clarify the Contract Documents, and shall be included by the Bidder in their proposal.
- 1.3. Bidders shall verify that their sub-bidders are in full receipt of the information contained herein.
- 1.4. The following substitution request has been reviewed and approved:
  1. Section 085200 Wood Windows: Double Hung and Fixed Aluminum-Clad Wood windows Architect Series, Clad LX with 13/16" SunDefense Low-E IG glazing, and Vivid View insect screen as Manufactured by Pella Commercial Windows. Window shall comply with all remaining section 085200 specifications.

2.0 QUESTIONS:

- 2.1 **Q:** The Visual Display Board Spec (101100) refers to projectors. Does the GC own any projectors, projections screens, or projector mounts? A70-01 shows two "Clg mounted projector, See Elec Dwgs"

**A:** There are a total of two (2) projector mounts, they are located in Rooms 123 & 125 are shown on Drawing E12-01 and have a Type G Telecommunication outlet and receptacle shown in the mounting pan. Refer to Specification Section 26 51 16-Article

2.8 for projector mounting kit details. Projector mount shall include the threaded pipe fitting for mounting of the projectors. Projectors will be provided by the owner.

- 2.2 **Q:** There is a note on drawing C-02 that states, "Silt fence or inlet protection shall be required.." Please issue drawing laying out the extent of the required silt fence and inlet protection.

**A:** Additional silt fence and inlet protection would be on an as needed/required basis and would be up to the contractor, DNREC rep, and Certified Construction review to determine. The amount of disturbance can vary depending on how the contractor will access the different work areas which may cause additional sediment tracking in other locations, we cannot determine these types of instances. The erosion eels should take care of the sediment that might enter the catch basin (other side of property line), however; if sediment is seen leaving the site through the erosion eels it might be prudent for the contractor to install an IP-2 inlet protection.

- 2.3 **Q:** Addendum #4 question 2.4 states to internally line all supply and return ductwork. Is this an option in lieu to external insulation? Do we have the option to do either? There are cost differences between the two, please clarify the extent of external/internal duct insulation.

**A:** No external duct insulation. All supply and return ductwork shall be internally lined.

- 2.4 **Q:** In reference to Addendum #4, question 2.4: Are all supply & return ducts to be double-wall as stated in 233113-3.10 H?

**A:** Yes, Duct liner (insulation) shall be a minimum of 1-1/2" thick insulation with a minimum R value of R-6.

- 2.5 **Q:** Drawing M402 Mechanical Room Exhaust sequence and points list calls for an intake damper/actuator. No dampers are shown on the floor plans. Is an intake damper required? If so, what is the size of the damper?

**A:** Intake damper is required and it should be installed on a full size plenum the same size as the louver.

- 2.6 **Q:** Drawing M201 VAV box equipment schedule calls for the VAV boxes to be furnished with a 24V transformer. Drawing E20-01 Power panel MR shows 3 circuits for the VAV boxes. No power wiring is shown going to each VAV box. Will the Electrical contractor be required to provide power at each VAV box?

**A:** There are three (3) 120V junction boxes in the ceilings (one for each rooftop unit) shown on Drawing E20-01 for use by the BAS contractor to connect the necessary 120V-24V transformers for service to the associated VAV boxes. Provide three (3) transformers with low voltage wiring to the associated VAV boxes. BAS contractor to coordinate required wiring and transformer locations with the electrical contractor.

- 2.7 **Q:** Drawing M402 VAV box point list shows a space CO2 sensor. Space CO2 sensors are not shown on the floor plans. Are space CO2 sensors required for VAV boxes?

**A:** A minimum of three (3) CO2 sensors shall be installed. One sensor should be located in the return duct for each of the three (3) rooftop units. Another sensor should be installed on the exterior of the building to be used for reference. A common sensor could be used for this reference point or a sensor could be provided for each unit.

- 2.8 **Q:** Drawing A30-01 Details 1, 2, & 3 show perimeter insulation. Will this be required?

**A:** Yes

2.9 **Q:** Addendum 4 added allowances 2, 3, and 4. What are the allowance amounts for #2 and #3?

**A:** The crawlspace was not fully accessible to verify exact quantity of items identified in Allowance 2 & 3. For this reason, Allowance items 2 & 3 are an allowance for quantity of material specified for demolition. This quantity of material should be included in the base bid demolition scope of work. Once exact quantities are determined in the field, the unit price for these items will be used to add or subtract price to reflect actual quantity.

2.10 **Q:** Specification section for Wood Windows 085200 performance requirements 2.2, G, require Windborne Debris Resistance glazing, is this correct?

**A:** No, Delete paragraph 2.2, G. from specification section 085200 Wood Windows.

2.11 **Q:** Specification Section 230951-1 describes how the BAS vendor would participate in 3<sup>rd</sup> party commissioning but does not specify if 3<sup>rd</sup> party commissioning is part of the project. Please advise.

**A:** Third party commissioning is not part of this project. Contractor must start up and commission the BAS.

2.12 **Q:** How much BAS training is required? Please refer to specification section 230959-8, 3.7, C.

**A:** The bid should allow for 40 hours of field training. Field training as specified need not be continuous. Advanced training on page 930959-9 paragraph 4 can be deleted in its entirety.

2.13 **Q:** Please clarify answer to 2.10 regarding what TCNA they want used on the project for both walls and floors. Indicate which methods to use.

**A:** TCA methods that are relevant to this project as detailed on drawings and specified shall be used.

3.0 CHANGES TO THE DRAWINGS:

3.1 n/a

4.0 CHANGES TO THE SPECIFICATIONS:

4.1 Delete paragraph 2.2, G. from specification section 085200 Wood Windows.

END OF ADDENDUM NO. 5