

GUILFORD PUBLIC SCHOOLS  
HVAC AND ELECTRICAL UPGRADES  
MELISSA JONES ELEMENTARY SCHOOL  
181 LEDGE HILL ROAD, GUILFORD, CT

OPENING DATE: DECEMBER 11, 2019  
OPENING TIME: 2:00 P.M.  
BID NUMBER: 5-1920

The following ADDENDUM is issued to clarify items appearing either in the specifications or on the Drawings, said items having been called to the attention of the Architect by one or more of the Contractors estimating the work:

The Specifications and / or drawings are amended as follows:

1. SPECIFICATIONS – BID FORM

- A. Bid Form has been revised once again to delete reference to mark-up on change orders as this was addressed separately in Addendum #1. Refer to attached revised Bid Form dated December 5, 2019.

2. DRAWINGS – DRAWING M-2.0

- A. Miscellaneous details on Drawing M-2.0 have been revised. Refer to attached revised Drawing M-2.0.

3. REQUESTS FOR INFORMATION – RESPONSES

- A. Question: Please provide layout for ACR piping between condensing unit CU-1 and AHU-1 Hot Gas Reheat Coil.

Response: For field piping between condensing unit CU-1 and AHU-1's hot gas reheat coil, and for all field refrigerant piping, please see the attached "Sample Hot Gas Reheat Piping" piping diagram. Pipe sizes to be determined by manufacturer of supplied equipment prior to installation. Hot gas reheat supply (hot gas) will be field installed from the condensing unit to the indoor coil, running parallel to the other (4) four additional suction and liquid lines. Hot gas reheat return (liquid) will be field installed between the indoor coil and circuit 1's liquid line. For bidding, contractors to assume 3-inch diameter piping for all suction and hot gas reheat supply lines, and 1-1/2" diameter piping for all liquid and hot gas reheat return (liquid) lines.

- B. Question: Section 23 73 13: Can Johnson Controls/York be considered an acceptable manufacturer for central station air handling units?

Response: No, Johnson Controls / York is not an acceptable manufacturer. Provide equipment as noted in the contract documents.

- C. Question: Drawing M-2.2, Detail 10, Note 3: floor mounted WSHP units in attic to be installed on 4" concrete pads. In lieu of mixing and pouring concrete in attic areas, can we utilize pre-fabricated 2" or 3" thick equipment pads such as Diversitech Ultralite series pads for floor mounting of WSHP units?

Response: 4" concrete pads are not required for heat pumps located in the attic. Where HPs are currently suspended from the structure above, the new heat pumps and associated auxiliary drain pans must be suspended from the structure above, with vibration isolation provided for the HPs. Where HPs are currently located on wood platforms, the same or similar wood platforms can be used to support the HPs and associated auxiliary drain pans, with vibration isolation provided for the HPs. Equipment pads similar to Diversitech Ultralite are not permitted.

- D. Question: Section 23 21 13 - Hydronic Piping - 3.1 Piping Applications: can we utilize a U.L. listed press-fit copper joint system by Viega ProPress in lieu of soldered and brazed joints for NPS 2" and smaller piping for Items A, C, E and G?

Response: Press-fit copper joint systems are not acceptable for this project. Provide soldered or brazed joints per the contract documents.

- E. Question: Section 23 21 13 - Hydronic Piping - 3.1 Piping Applications: grooved mechanical joints are listed for Item D - Heat Recovery Piping. Can we utilize grooved joints in lieu of welded joints for NPS 2.5" and larger for Item B - Hot Water Heating Piping and Item F - Condenser Water Piping?

Response: Grooved joints are only permitted for the Heat Recovery Piping 2.5" and larger. All Hot Water Piping and Condenser Water piping 2.5" and larger to have welded joints per the contract documents.

- F. Question: 05 51 00 Metal Stairs and Railings: are specified to have primer and (2) finish coats of paint applied. Would a hot dip galvanized finish be acceptable in lieu of the painting as specified?

Response: At the contractor's option, provide hot dip galvanized finish or painted finish as specified.

- G. Question: Drawing A-101, Details 1-6: Basis of design fencing is Certaineed Bufftech Galveston Certagrain. Can an acceptable alternate manufacturer be considered: Cedar Grain Vinyl interlocking tongue and groove solid panels, style "Oklahoma" by Interstate Visions Fence?

Response: Interstate Visions Fence is not considered an acceptable manufacturer.

- H. Question: Guilford School's facilities team is proficient with the use of the Johnson Controls BMS System. In lieu of Training Specified in Section 230 923 = Page # 116 (10 days), can Johnson Controls provide 16 hours of Owner Training?

Response: Yes, 16 hours of training is acceptable since the Guilford School's facilities team is familiar with the system.

- I. Question: DWG: M-4.0 shows a list of control points to be installed on the Heat Pumps. In lieu of the temperature sensor and humidity sensors show in the return air of the Heat Pump, can the existing Johnson Controls space thermostat in the classroom be used to provide space temperature and humidity?

Response: The design intent is to reuse as many of the existing control points as possible, which would minimize the number of new control points. Where existing space sensors currently exist, there is no need for the return-air sensors.

- J. Question: For the WSHPs (Spec Section 238146), we are requesting that Daikin Applied be listed for the water source heat pumps.  
For the Modular Indoor Central Station Air Handling Units (Spec Section 237313), we are requesting that Daikin Applied be listed for the air handlers.

Response: Upon an initial review of Daikin products, they are acceptable from a technical and engineering perspective for the heat pumps, air-handling units, and condensing unit, pending confirmation of performance data during the submittal process. Please note that a single manufacturer must provide the air-handling units, condensing unit and the design / sizing of all associated refrigerant piping and components.

All project requirements, except for those that are specifically added or modified by this Addendum, shall remain in full effect.

END OF ADDENDUM NO. 2

VI.

**BID PROPOSAL FORM**

**Board of Selectmen  
Town of Guilford  
31 Park Street  
Guilford, CT 06437**

**Attention: Purchasing Department  
SECOND FLOOR**

**Re: BID # 5-1920 MELISSA JONES ELEMENTARY SCHOOL HVAC AND  
ELECTRICAL UPGRADES**

**Bid Opening Date: Wednesday, December 11, 2019 at 2:00 p.m.**

**BIDDER**

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

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Title: \_\_\_\_\_

To the Board of Selectmen:

We submit for your consideration our bid for the above referenced bid. We have read the bidding documents including the Town of Guilford's General Conditions and Instructions to Bidders and the bid specifications and are submitting our bid in full compliance with all terms and conditions except as noted below under "Exceptions." We have enclosed our original bid bond/cashier's check in the amount of 10% of our total base bid. *We acknowledge receipt of all addendums to the bid documents and assume full responsibility to access those addendums from the Town website and/or DAS website, as applicable.*

We will provide the following within five (5) business days after receipt of a notice of award from the Purchasing Department:

(i) The requested Certificate of Insurance from the following company:

and \_\_\_\_\_;

(ii) Payment and Performance Bonds from the following company:

\_\_\_\_\_.

**BID PROPOSAL FORM CONTINUED**

Within five (5) business days after receipt of final contract from Town, we will forward to the Purchasing Department three original contracts, in the a form provided by the Town, executed by an authorized officer.

We agree to perform the work described in the bid specifications within the time period set forth in the specifications for a **TOTAL BASE BID** amount of:

\$ \_\_\_\_\_ (\$ \_\_\_\_\_ )  
Write amount in words Write dollar amount

**ADD ALTERNATE #1:** Provide all labor and materials as required to remove the two existing gymnasium exhaust fans and replace with new as shown on mechanical and electrical drawings.

ADD THE SUM OF: \$ \_\_\_\_\_

On site construction, installation, delivery and storage shall be coordinated with the following Town Department Head: Clifford Gurnham, Director of Operations – Guilford Public Schools.

Exceptions: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The undersigned authorized representative hereby submits the above bid to the Town of Guilford.

Name of Contractor Entity: \_\_\_\_\_

By \_\_\_\_\_

Print Name and Title: \_\_\_\_\_

*Duly authorized*