

ADDENDUM 1:

Project: Guilford County Schools; Northeast High School Bond Renovation

Address: 6700 McLeansville Rd. McLeansville NC 27301

Date: 04/04/24

1. See attached Bid Bond form for use in bidding documents.
2. See attached structural letter with reinforcing instructions.
3. Where plans specify ceiling grid to be lowered. The existing grid shall be demolished, and the new grid shall be erected in its place. Plan on replacing 64,500 sqft of ceiling tiles.
4. On Sheet M1.4: Area 2 Mechanical Plan. VUV shall be plenum supply. Note: 8
5. On Sheet M0.2; Schedule for the single package unit ventilators: VUV-3, VUV-4, VUV-5 omit accessories number 2. VUV-1 & VUV-2 omit accessories number 4. Add accessories number 4 to VUV-3, VUV-4, VUV-5 schedule.
6. Vertical Unit Ventilators shall conform to the below specification:
 - a. Submittals
 - i. Submittals for Single Packaged Vertical Indoor Mount heat pump or air conditioner shall include equipment performance, dimensions and electrical requirements. Two stage equipment shall include the following performance data: CFM, EER, COP, IPLV, Total, Sensible, Latent capacities at standard AHRI conditions and for all stages of operation.
 - ii. Factory tested sound data per ANSI S12.60. DbA levels at all operating conditions and ERV speeds including exterior sound level.
 - iii. Complete exterior Louver performance information. Louver shall be provided by SPVU Manufacturer.
 - iv. Factory Warranty documentation verifying 5-year compressor and 5-year parts warranty.
 - v. Control submittal if controller is provided by equipment manufacturer.
 - b. Quality Assurance
 - i. Design, construction, testing and installation shall comply with the following standards as applicable:
 1. UL or ETL classified in accordance ANSI/UL 1995/CSA 22.2 No. 236-05 fourth edition.

AeroRaq Engineering Inc
8511 Davis Lake Parkway, Suite C6-205 Charlotte NC 28269
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www.aeroraq.com

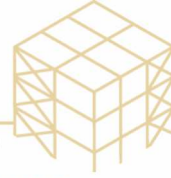
9. The bids must be sealed and delivered in person to 501 West Washington St. Greensboro, NC 27401 on April 10th, 2024 before 1:30 pm. It will be opened and read out loud.
10. The contract time will be extended to 07/31/2025 as the completion date.

Regards,
Hakeem R. Bailey, P.E.
Principal Project Manager,
8511 Davis Lake Parkway, Suite C6-205 Charlotte NC 28269
Office: (704) 469 8463
hakeembrailey@aeroraq.com

Structural Capacity, PC

STRUCTURAL CONSULTING GROUP

North Carolina Firm License Number – C3406



March 25, 2024

Mr. Hakeem Bailey, PE
Aeroraq Engineering, Inc
8511 Davis Parkway, Suite C6-205
Suite C6-205
Charlotte, NC 28269

Re: Northeast High Bond Renovation (SCPC Project No. - 2024.19.0010)
6700 McLeansville Road
McLeansville, NC 27301

Mr. Bailey:

From our understanding, the below listed HVAC equipment will be installed at the existing roof structure of the above noted project site. The equipment will be located as shown on sheets M1.1 and M1.3 of the mechanical plans by Aeroraq Engineering Inc. (Aeroraq) dated January 04, 2023. The existing roof is composed of concrete roof deck.

Rooftop (Above Roof Deck) HVAC Equipment:

- RTU-1: 6109lbs (Replacement) / Existing Unit: 9500lbs
- RTU-2A: 5773lbs (Replacement) / Existing Unit: 5229lbs
- RTU-2B: 5773lbs (Replacement) / Existing Unit: 5229lbs
- RTU-3: 3348lbs (Replacement) / Existing Unit: 5000lbs
- RTU-4: 3248lbs (Replacement) / Existing Unit: 3697lbs
- RTU-5: 7245lbs (Replacement) / Existing Unit: 7200lbs
- RTU-8: 580lbs (Replacement) / Existing Unit: 505lbs
- RTU-9: 580lbs (Replacement) / Existing Unit: 505lbs
- RTU-10: 580lbs (Replacement) / Existing Unit: 505lbs
- RTU-11: 660lbs (Replacement) / Existing Unit: 306lbs
- RTU-12: 660lbs (Replacement) / Existing Unit: 505lbs
- RTU-13: 580lbs (New)

All of the RTUs, except RTU-13, will be replacement units. Based on the review of the weights of the replacement units in comparison to the existing units, the existing structure is adequate to support the replacement units. The replacement RTU weights are in accordance with the mechanical schedules on sheet M0.1. The existing unit weights were provided by the mechanical engineer of record. All unit weights should be confirmed by the mechanical engineer and/or general contractor prior to the commencement of construction activities.

RTU-13 is a new unit. The required opening for RTU-13 should be supported by L4x4x5/16 angle on all (4) sides. The (2) angles parallel to the unit long direction should extend a minimum of 6ft beyond the opening on either side. All the angles should be attached to the concrete slab with 3/8" diameter Simpson Titen HD concrete screw anchors at 12" o.c. The anchors should be embedded a minimum of 2 1/2" into the concrete slab.

Based on our analysis, the existing concrete roof framing is adequate to support the noted HVAC equipment, if installed in accordance with the above-stated conditions.

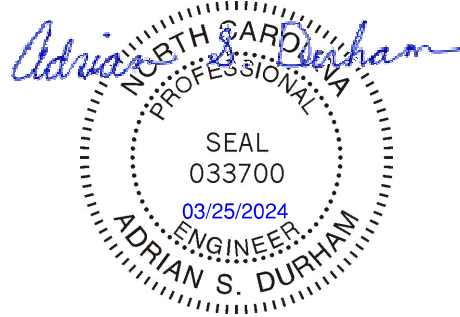
If there are any questions, feel free to give me a call directly.

Sincerely,

Structural Capacity, PC



Adrian S. Durham, PE, SE



BID BOND FORM Section 00 43 13

KNOW ALL MEN BY THESE PRESENTS, That we,

(Bidder's Name)

_____, of _____
(Street Address) (City, State, Zip)

Hereinafter called the Principal, and

(Surety's Name)

A corporation organized and existing under the Laws of the State of _____, and authorized to transact business in the State of _____, as Surety, hereinafter called Surety, are held and firmly bound unto the _____ (Owner).

Hereinafter called Obligee, in the Penal sum of five percent (5%) of the amount bid, good and lawful money of the United States of America, for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The Condition of this Obligation is such, that, WHEREAS the Principal has submitted a proposal to the Obligee on a contract for the construction

of _____
(Contract Name and Number)

NOW THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the Bidding or Contract Documents with good and sufficient surety for the faithful performance of such construction for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith

BID BOND FORM Section 00 43 13

contract with another party to perform the Work covered by said bid, then this obligation shall be null and void; otherwise to remain in full force and effect.

In witness whereof, we have hereunto set our signatures and seal this _____ day of _____, 20_____, all pursuant to due authorization.

Principal (Seal)

By
Surety

By
Attorney-in-Fact in accordance with the attached Power of Attorney

STATE OF _____)

ss:

COUNTY OF _____)

I, _____, a Notary Public in and for the State and County aforesaid, do hereby certify that _____, and _____, whose names are signed to the foregoing bond, this day personally appeared before me in my State and County aforesaid and acknowledged the same.

Given under my hand seal this _____ day of _____, 19_____.

Notary Public (Seal)

My Commission expires: