

*Michael R. Wigley, AIA, LEED®AP
Jason P. Loar, P.E.
W. Zachary Crouch, P.E.
Michael E. Wheedleton, AIA
Ring W. Lardner, P.E.*

**DELAWARE STATE POLICE
TROOP 9 HVAC RENOVATIONS
ODESSA, DELAWARE
DBF #0586B34.C06 OMB/DFM# MC4506000066
FEBRUARY 27, 2018**

ADDENDUM NO. 2

The following items shall become a part of the contract documents. Contractor must acknowledge receipt of this addendum on the Bid Form. Failure to do so may subject the Bidder to disqualification.

- Item No. 1 Refer to Specification Section 00 41 13 BID FORM
- Replace the Bid Forms pages 1 through 5 with the attached. Alternate No. 4 was added per below, and “HVAC Controls” was added to the subcontractor list.
- Item No. 2 Refer to Specification Section 01 23 00 ALTERNATES
- At Schedule of Alternates, add the following:
 - D. Alternate No. 4: Price to remove and install new lighting and associated electrical work on the Second Floor as indicated in the bidding documents.
- Item No. 3 Refer to Specification Section 11 33 00 RETRACTABLE STAIRS, Article 1.5 WARRANTY, Paragraph A:
- Replace the phrase “One year” with the phrase “Two year”.
- Item No. 4 Refer to Specification Section 23 81 29 VARIABLE REFRIGERANT FLOW HVAC SYSTEMS:
- Article 2.09, Paragraph A: Add the following subparagraph 4:
4. The existing Johnson Controls Building Management System resides at the Delaware State Police Headquarters. The new variable refrigerant control system shall communicate with this existing interface through BACNET IP. The control contractor shall coordinate with DSP IT personnel to obtain the required IP addresses and security passwords to make the connection to Troop 9 seamless. The control contractor shall also be responsible for coordinating all connections and protocols required to obtain the information from the VRF system and deliver it to the Construction Maintenance Manager’s Laptop/PC.

- Article 2.10, Paragraph Q: Add the following subparagraph 2:
 2. ERV Units shall be controlled by an individual DDC controller on the Johnson Controls Building Automation network. The controller shall control fans, fan speeds, by-pass damper and monitor return, supply, exhaust and fresh air temperatures.
- Article 3.3, Add the following Paragraph C:
 - C. VRF Equipment Warranty: Contractor shall provide preventative maintenance during the 2-year warranty period. Maintenance shall include the following:
 1. Filter changes/cleaning on all indoor VRF equipment and ERV units every other month.
 2. Spring and Fall cleaning of the outdoor condenser coils per the manufacturer's recommendations.
 3. Check high and low voltage wiring connections on indoor and outdoor units.
 4. Verify the controls are working correctly.
 5. Record ambient temperatures and refrigerant pressures at each outdoor unit.
 6. Visually inspect the ERV heat exchanger cores for any dirt/blockage. Clean if necessary.
 7. Record any complaints from the building occupants regarding the HVAC System.
 8. Perform any tests required by the manufacturer to maintain the system warranty and proper operation.
 9. Contractor shall keep a record of the service report in a binder on site for review by the Owner's representative, as well as e-mail a copy of the report to the Owner's representative."

Item No. 5 Refer to Mechanical Drawings:

- A. Drawing M-2:
 1. Relocate the AE-200A Controller to the Basement, Computer Room B-9. See attached sketch SKM1-1.
 2. See attached sketch SKM2-1 for diffuser and grille layout for Juvenile Detention 111.
- B. Drawing M-3: See attached sketch SKM3-1 showing the relocation of the return diffuser.
- C. Drawing M-4:
 1. See attached sketch SKM4-1 showing the ductwork change in the Attic associated with SKM3-1.
 2. Remove note at Louver A regarding 30x30 Damper Interlocked with exhaust fan. This is a demolition note.

- D. Drawing M-6 HVAC Schedules:
 - 1. HP-1-6: Remove Note #7.
 - 2. HP-1-13: Change Note #8 to Note #7.
 - 3. HP-1-24: Change Note #8 to Note #7.
 - 4. HP-1-25: Remove Note #7.
- E. Drawing M-7: See attached sketch SKM7-1 with revised Diffuser and Grille Schedule.
- F. Drawing M-9:
 - 1. See revised sketch SKM9-1 indicating concrete tile shingles on the existing Garage.
 - 2. See revised sketch SKM9-2 for revised concrete pad detail.

Item No 6 Refer to Electrical Drawings:

- A. Drawing E-0: See attached sketch SKE0-1 with revised Luminaire Schedule.
- B. Drawing ELD-2: See attached sketch SKELD2-1, indicating the removal of the existing recessed lights above the fireplace, associated wiring and switch.
- C. Drawing EL-2: See attached sketch SKEL2-1, indicating installation of new lighting fixtures, wiring and switch for the recessed lights above the fireplace in Public Area 118.
- D. Drawing EL-3, Revise Lighting Note #3 to read as follows:
 - 3. ALTERNATE BID #4: INSTALL 4 NEW LED LUMINAIRES. REFEED POWER FROM EXISTING LP-4 LIGHTING CIRCUIT WITH NEW #12 AWG, CIRCUIT BREAKER AND SWITCH.
- E. See attached Drawing EL-4: ATTIC LIGHTING PLAN NEW WORK – ALTERNATE BID #2. This Drawing shall be included in the Bid Documents, but was not in the hard copy of the Bid Drawings originally issued.

END OF ADDENDUM

ALLOWANCES

Allowances conform to the applicable project specification section.

ALLOWANCE NO. 1: Provide an allowance of \$15,000.00 for unforeseen conditions, to be included in the base bid price.

BID FORM

I/We acknowledge Addendums numbered _____ and the price(s) submitted include any cost/schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for thirty (30) days from the date of opening of bids (60 days for School Districts and Department of Education), and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within 111 calendar days of the Notice to Proceed.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By _____ Trading as _____
(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address: _____

Witness: _____
(SEAL)

By: _____
(Authorized Signature)

(Title)
Date: _____

ATTACHMENTS

- Sub-Contractor List
- Non-Collusion Statement
- Affidavit(s) of Employee Drug Testing Program
- Bid Security
- (Others as Required by Project Manuals)

BID FORM

SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor **must be listed for each category** where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the *Owner*, **it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work.** This form must be filled out completely with no additions or deletions. **Note that all subcontractors listed below must have a signed Affidavit of Employee Drug Testing Program included with this bid.**

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>	<u>Subcontractors tax payer ID # or Delaware Business license #</u>
1. Mechanical	_____	_____	_____
2. Electrical	_____	_____	_____
3. Insulation	_____	_____	_____
4. Acoustical Ceiling	_____	_____	_____
5. Drywall	_____	_____	_____
6. Painting	_____	_____	_____
7. HVAC Controls	_____	_____	_____

BID FORM

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date *(to the Office of Management and Budget, Division of Facilities Management)*.

All the terms and conditions of *(MC4506000066)* have been thoroughly examined and are understood.

NAME OF BIDDER: _____

**AUTHORIZED REPRESENTATIVE
(TYPED):** _____

**AUTHORIZED REPRESENTATIVE
(SIGNATURE):** _____

TITLE: _____

ADDRESS OF BIDDER: _____

E-MAIL: _____

PHONE NUMBER: _____

Sworn to and Subscribed before me this _____ day of _____ 20____.

My Commission expires _____. NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

DRAWINGS REDACTED