

ESSEX COUNTY  
LITTLE WHITEFACE SKI PATROL BUILDING  
AES PROJECT NO. 3760

**DOCUMENT 00910**

**ADDENDA**

**ADDENDUM NUMBER 8**

**DATE:** June 21, 2012  
**PROJECT:** Little Whiteface Ski Patrol Building  
**AES PROJECT NO:** 3760  
**OWNER:** Essex County  
**ARCHITECT:** AES Northeast, PLLC  
**TO:** Prospective Bidders/Plan Holders

This Addendum forms a part of the Contract Documents and modifies the Documents dated May 4, 2012, Addendum No. 1 dated May 15, 2012, Addendum No. 2 dated May 16, 2012, Addendum No. 3 dated May 30, 2012, Addendum No. 4 dated June 5, 2012, Addendum No. 5 dated June 6, 2012, Addendum No. 6 dated June 7, 2012, Addendum No. 7 dated June 15, 2012 with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

**This Addendum consists of (3) Pages.**

**CHANGES TO THE PROJECT MANUAL**

ITEM NO. 1

**Narrative Summary: Revises Dedicated Cooling Unit (DCU-1) Controls**

SECTION – 15760 – TERMINAL HEATING AND COOLING UNITS

PART 2.3 Paragraph O

Remove: In its entirety

Insert: Paragraph O below.

- O. Control System, Bard MC4000-A Series Controller or equal:
1. Single stage cooling/heating control for (1) HVAC unit.
  2. Power supplied through telecommunication low voltage control board.
  3. Temperature Display: Degrees F or Degrees C.
  4. Digital Display: 4 character LCD.
  5. Electronic temperature control with digital display.
  6. Temperature sensor local within HVAC unit.
  7. Control strategy to limit excessive compressor cycling.
  8. On/Off Differential: 2 degrees F.
  9. Cooling Setpoint Range: 65-90 F.
  10. Deadband: 2 degrees F to 40 degrees F.
  11. Operating Temperature Range: 0 to 120 degrees F.

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12. Temperature Accuracy: +/- degree F from 60 to 85 degrees F, +/- 1% outside 60 to 85 degree F range.
13. Base alarm package with the following Form C dry contacts, Normally Closed (NC) relays:
  - a. Power loss alarm relay and LED indication.
  - b. High/Low pressure refrigerant lockout alarm relay and LED indication.
  - c. Smoke/fire alarm relay and LED indication.
  - d. Low temp alarm thermostat and relay and LED indication.
  - e. High temp alarm relay and LED indication.
14. Enclosure: 20 gauge steel, baked enamel paint, hinged cover, NEMA 1.

**CHANGES TO THE DRAWINGS**

ITEM NO. 2

**Narrative Summary: Clarifies Site electrical Excavation/Trenching and Ductbanks by GC.**

DRAWING C-101 – SITE PLAN; Note No. 5

Add: GC Shall provide trench and exterior vault excavation, concrete and reinforcement for ductbanks. Refer to details on drawing E-001.

ITEM NO. 3

**Narrative Summary: Clarifies Ground Ring Trench Removal by GC.**

DRAWING E-102 – ELECTRICAL GROUNDING PLAN; Note No. 4

Remove: ...”trench excavation by ORDA”.

Insert: ...”trench excavation by GC”.

**QUESTIONS**

Question No. 1            Drawing E-102 note 4 states that ORDA will provide the trench excavation for the perimeter ground ring. Will ORDA provide the trench excavation for the primary and secondary service as well??

**ANSWER                    Refer to Item No. 2 and 3 of this Addendum.**

Question No. 2            Section 15760 O calls for a Control System, Bard Telecom Climate Watch System, TCS24. The sales representative needs clarification on what the engineer wants the controller to do. They're telling me this controller is for a system with a backup unit, which is not the case. They need this information before they can price the controller.

**ANSWER                    Refer to Item No. 1 of this Addendum.**

Question No. 3            Section 15760, Page 7 – Clarify choice of controller?

**ANSWER                    Refer to Item No. 1 of this Addendum.**

Question No. 4            The cable and antenna boots on the main roof of A-102 and E-102 are spaced one above the other, yet on elevation A-201, they appear at the same elevation (side-by-side). Please clarify

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**ANSWER**                    **The cable and antenna boots should be spaced one above the other with enough space between them to accommodate the boot flange.**

Question No. 5            The State Police Panel is left of the corner reflector in the cupola plans of A-102, E-101, and E-102, but reversed on A-202. Please clarify.

**ANSWER**                    **Drawings A-102, E-101 and E-102 show the correct location for the antennas.**

Question No. 6            Both of the catwalk boards in the attic plan of A-102 appear to be located where the truss' cross braces meet the bottom chord (should be adjacent to a web on the side with no cross to allow for clearance). Please clarify.

**ANSWER**                    **The location of the catwalks is schematic and should be verified on-site after the truss web locations are known.**

Question No. 7            The location of the receptacle as indicated in the cupola plan on sheet E-101 may interfere with the access door opening.

**ANSWER**                    **This will be coordinated in the field.**

END DOCUMENT