ADDENDUM #4

Date: March 22, 2024

Oliver Ellsworth Humidity Mitigation
730 Kennedy Rd, Windsor, CT 06095

1. On Drawing M501, RTU schedule, add note #9 - Provide BACnet Control option.

Response to RFIs

1. Question: Will the 5-DOA Units have Supply Fan and Exhaust Fan VFD's from the factory or will they need to be furnished and installed remotely that will be controlled by BMS. If needed please confirm 5HP 3PH 460 VAC?

   Answer: VFD's are factory mounted

2. Will RTU-1 have BACnet OBC's from the factory that will be integrated into the BMS system via BACnet or will it need a BMS controller?

   Answer: RTU shall be equipped with a BACnet controller. Maintain existing sequences plus include demand control ventilation & hot gas reheat control for dehumidification. The existing office RTU does not have a BACnet controller, but the zone control is BACnet.

3. Question: SOO doesn't mention the control of RTU-1 nor do I see RTU-1 details in the drawings for a list of equipment coming from the factory OBC and needed for BMS.

   Answer: Maintain existing sequences plus include demand control ventilation & hot gas reheat control for dehumidification.

4. Question: Please confirm that the CUH's are standalone and will not be on the BMS automation system. i.e. Thermostat opens valve, aqua-stat starts fan.

   Answer: CUH control shall be BMS, and be sure to include lockout such that CUH valves will shut while 2-pipe system is on chiller. BMS shall monitor fan status of CUH and modulate valves. Provide alarm on low space temperature (50F adj.)

5. Question: Please confirm that the AHU 2 and 4 will have the existing controllers and control equipment except for the new humidity sensor and exhaust damper.

   Answer: AHU-2 also requires control of the heat pipe bypass damper. CO2 demand control ventilation is also required for both units.

6. Question: Please confirm that there are no modifications to the existing FCU's.

   Answer: The only modification required are as follows: Contractor to remove damper actuator and safe-off wire. Lock damper in full return air position. Return actuator to owner. Modify sequence of operation to control without damper control.

7. Question: Please confirm that the two EWH are stand alone and not part of the DDC system.

   Answer: EWH shall be controlled by BMS, provide alarm for low temp of bathrooms (50F adj.).

8. Question: Please confirm that there is sufficient device license to accommodate the additional field controllers going into the Distech JACE.

   Answer: Additional licenses will most likely be required, contact Distech for pricing.