

## QUESTIONS & ANSWERS

### Question 1

With regards to the controls on Pumps 4, 5, 6, & 7, there are no details regarding what exactly is required from the BAS to take control of these units? Please clarify if there is to be control from our end. The spec mentions a lead lag sequence for each set but that is all the info that we were given at this point in time.

### Answer 1

The control sequence outlined in section 259001 indicates the requirements for these pumps. The pumps are started and stopped based on outside air temperature within the specifications.

### Question 2

Also, regarding FCU-01, 02, & 03, are these to be considered stand alone or are they to be taken over by the BAS? Spec is very limited. If stand alone, is section 25 required to carry line voltage stats or anything of that nature? Please confirm.

### Answer 2

These are standalone units and shall come with their own programmable stats.

### Question 3

Regarding the unit heaters in the mech room 128 as well as the forced flow heaters on the entrances, there is absolutely no detail regarding BAS control of these systems so please do clarify if section 25 will need to provide anything in this regards.

### Answer 3

There is no BAS scope for unit heaters. There is no unit heater or force flow heater scope within this contract.

### Question 4

Is the Humidifier (HUI-1) to be controlled by the packaged unit AH-1 or BAS? The only info that we have regarding anything on AH-1 is BACnet Integration and that is all. Please confirm.

### Answer 4

The Air Handling unit is not packaged controls. The BAS shall control each component of the unit, please refer to the control sequence in 259001 for the required controls and AHU specification in 237500 for further information. The humidifier has packaged controls, that BAS shall send a reset signal to control the return air relative humidity. Please refer to the updated control sequence that was issued in Addendum M-001.