

IFB 01112024LW Airways Middle School EMS Upgrade

Questions and Answers

- 1) Equipment lead times and project durations will require free and unabated access to a large number of classrooms (which cannot be utilized or occupied during work). Large portions of work will need to be executed throughout the school year, including no summer school as well. Will MSCS guarantee the rooms as required by the contractor to achieve project duration timeframe?
A: MSCS will make reasonable accommodations as long as not disruptive to students / teachers. Some more disruptive work will need to be done before/after school hours. Always coordinate with principal of the school. Please plan weekend and holiday work through MSCS Facilitron web page.
- 2) Do all control damper actuators need to be replaced?
A: Yes
- 3) Is the requirement for BACnet Controllers for each unit, or for BACnet Controllers AND BACnet Communicating Valve Actuators? While BACnet Valve Actuators are available, they tend to be much more expensive than traditional actuators.
A: Controllers shall be BACnet. Control actuator valve shall not communicate over BACnet. All control and end wiring must be replaced.
- 4) In mentioning BACnet Valve Actuators, are you referring to Belimo Energy Valves or Pressure-Independent Valves?
A: No BACnet Valve Actuator. Standard pressure independent valve and actuator shall be supplied by the manufactory by the BAS.
- 5) Are there any requirements to use BACnet IP or BACnet MS/TP, or are both allowed?
A: Automation level shall be BACnet IP. Field level can be both.
- 6) Is wireless networking allowed for BACnet IP? If so, would the wireless network have to be provided by the vendor, or can an existing network in the school be used?
A: The contractor must provide all components for the control system. No exciting wireless from MSCS shall be allowed. No communicate on the local IT network.