



## Department of Procurement Services

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160 South Hollywood Street · Room 126 · Memphis, TN 38112 · (901) 416-5376

### QUESTIONS AND ANSWERS

#### **IFB10242023JKG HVAC Bids 7 Locations**

##### **Overton HS**

1. Are VFD's Required on all pumps? **On 5HP and greater pumps.**
2. The Design Guide States "Provide gated fence enclosure around cooling tower of sufficient size to allow access and maintenance of the tower. Fenced area shall be concrete surface, properly sloped to drain, with the fence posts within the concrete area. Show fencing and pad details on drawings." Is it SCS's intention to have the fence posts relocated to within the concrete area? No. If so, can the posts be bolted to the concrete? **Yes, if moved.**
3. Are we to replace all radiant heaters throughout the building? **Yes.**
4. Do we need to insulate and jacket all hot water piping for radiant heaters where exposed to 6ft above finished floor? **Yes, where necessary.**
5. Are we to replace all hydronic specialties throughout the Hot Water and Chilled Water System (Expansion tank, Dirt Separator, etc...)? **Yes**
6. The design guide states, "Insulate all hot water piping with 2" thick fiberglass insulation." Is it SCS's intention to re-insulate all existing HW piping throughout the entire building even that piping which is not to be replaced under the scope of work? **No**
7. The design guide states "All chilled water piping shall have 2" thick fiberglass insulation all with a vapor-proof jacket. Specify canvas jacket lagged in place for painting on all exposed piping in occupied spaces and mechanical rooms." Is it SCS's intention to re-insulate all existing CW piping throughout the entire building even that piping which is not to be replaced under the scope of work? **Yes**
8. Is vapor wick insulation required? **Yes**
9. Will an asbestos report be provided for this project? **Yes, where available.**

10. The design guide states, “Any new projects or renovations must include new and upgraded DDC controls for any new or existing HVAC equipment for the entire site” Is it the intent to replace all controls in the entire school? **Yes**
11. Are we to install new control valves in the entire school? **Yes**
12. Are we to install new control dampers in the entire school? **Yes**
13. Are we to replace all service valves for mechanical room equipment? ( chillers, boilers, pumps ) **Yes**
14. Will a structural engineer need to provide stamped structural drawings or a letter for any equipment? **Yes**
15. Will commissioning be required for this project? **Yes**
16. Are we to install new vent-o-matic shutters in classrooms that no longer have them? **No**
17. Will completion dates be extended due to equipment lead times? **Yes, if necessary**
18. How much of the campus can we take down at a time? ( 1 wing at a time? 1 room at a time? entire chilled water system? entire hot water system?) Please explain in great detail how much of the school we can have at one time to try and complete the work by the completion date?  
**MSCS will work with contractor, when necessary, to provide access during non-school/occupancy hours**
19. Will the overtime pay for the building engineer working after hours have to be covered by the contractor? **Yes**
20. Is a new chemical feed system required for the HW system? **Yes**
21. Is a new chemical feed system required for the CW System? **Yes**
22. Is a new chemical feed system required for the Cooling Tower water? **Yes**
23. Are we to install temporary hook-ups for the boiler? **Yes**
24. Are we to install temporary hook-ups for the chiller? **Yes**
25. Are we to install new wall sleeves and grilles for the new unit vents? **Yes**

## General Questions

1. Will procurement list the DDC Controls Division 25 50 00 as an alternate to allow for fair and transparent bidding? Please find this request for procurement to revise the bid form to include DDC controls as an alternate price listed separately from the base bid. Historically MSCS has listed DDC controls as an alternate. An alternate for DDC controls allows for fair and transparent bidding between the MSCS preferred HVAC Manufacturers and prevents price lumping to a single vendor.  
**Yes**
2. Can existing DDC controls and controllers remain onsite that are found to be BACnet and within the expected life span and fully functional? **Yes**
3. Can the existing controls and controllers onsite that are Siemens ethernet remain onsite that are proven to be within their expected life span and fully functional? The designer guide states devices proven to be within the expected life and fully functional may be excluded from replacement. **No, all shall be BACNet compatible.**
4. Can Siemens TEC room controllers that are found to be functional remain in place? The existing controllers will be integrated with and compatible with the preferred BACnet system. **No.**