



**Notice of Information Item No.1**

**Date of Information Item No.1: March 17, 2023**

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**Arlington Public Schools  
Procurement Office**

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**Invitation to Bid 95FY23**

**Invitation to Bid Title:** Barcroft Elementary School HVAC Replacement Project

**Invitation to Bid Number:** 95FY23

**Invitation to Bid Issue Date:** February 28, 2023

**Pre-Bid Conference:** March 8, 2023, at 10:00 A.M

**Bid Closing Date/Time:** March 24, 2023, No Later Than 11:59 P.M. (Local Prevailing Time)

**Bid Opening Date/Time:** March 27, 2023, at 10:00 A.M. (Local Prevailing Time)

**Procurement Office Representative:** Brandon Christian, VCA  
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- A. **Responses to Bidder Questions:** The following information is provided to help Bidders submit a Bid in response to ITB 95FY23. Any updates to Drawings and Specifications for this Project will be available electronically as PDF file format by the Owner's Representative (Engineer), CMTA Engineering. To access updated Drawings and Specifications, please contact Owner's Representative (Engineer), Brice Watson via email at [bwatson@cmta.com](mailto:bwatson@cmta.com).

No.	Contract Document Reference	Bidder Questions	Response
1	APS	Is the bid opening public?	Yes; Bid Opening link will be posted on the APS Current Solicitation webpage to view the opening of the bids
2	230700	Section 230700 Pg. 4 & 5 Part 6 Ductwork Systems - 6.3 & 6.4 6.3 States "outside air supply downstream of OA unit and exhaust air ductwork upstream of OA unit - does not require insulation" "All other duct including louver plenums require installation per the above". Q: Is it your intent to not insulate the outside	This note is in regard to indoor mounted air handlers. In that case the ductwork between the unit and the intake/exhaust louvers would be insulated. Since this unit is roof mounted, the OA and REL/EA ductwork do not require insulation within the building.

		air and relief air (as labeled on the plans) to be insulated from the two (2) OA units?	
3	230700	Section 230700 Pg. 4 & 5 Part 6 Ductwork Systems - 6.3 & 6.4 6.3 States "outside air supply downstream of OA unit and exhaust air ductwork upstream of OA unit - does not require insulation" "All other duct including louver plenums require installation per the above". Q: What is your intent with the statement "All other duct including louver plenums require installation per the above"? Are we to insulate the relief air, all the exhaust air, or heat pump return air? Please clarify what duct systems require insulation and what type of insulation is required?	This is again in regards to "unconditioned" air between the DOAS unit and louver/intake hood in an interior installation. With the DOAS unit installed on the roof, this will not be required. the only ductwork that should be insulated on this project is the following - SA ductwork from the heat pumps - OA ductwork from the ERV-1 unit to the connections at the heat pumps that this unit serves
4	230700	Section 230700 Pg. 4 & 5 Part 6 Ductwork Systems - 6.3 & 6.4 6.4 External insulate for supply and outside air concealed/unconditioned space. 3" thick fiberglass duct wrap. Q: What is your intention with this section should the Heat Pump Supply, Heat Pump Return air ductwork be insulated in concealed locations only.	The heat pump supply ductwork should be insulated everywhere per part 6.3. Part 6.4 should be utilized in inaccessible spaces such as above hard ceilings with not access door or in chase.
5	230700	Section 230700 Pg. 4 & 5 Part 6 Ductwork Systems - 6.3 & 6.4 6.4 External insulate for supply and outside air concealed/unconditioned space. 3" thick fiberglass duct wrap. Q: Should the exposed Heat Pump Supply & Heat Pump Return air ductwork be insulated in exposed locations (heat pump closet, mechanical rooms)?	Heat pump supply air should be insulated in these spaces. Return air ductwork is not required to be insulated.
7	S501	S501 Joist Reinforcement Detail, two joist indicated, we design and size of the structural steel to me use.	The contractor shall engage a licensed structural engineer to survey and design the reinforcement. This is covered in the note in section 1/S001.
9	APS	Verify owner will be procuring lighting and RGDs.	Owner will be furnishing lights and RGDs separately with contractor to install for base bid fixtures and RGDs. Alternate 1 light fixtures to be purchased by the contractor.
10	232200	Hydronic piping 232200 5.2.2 only specifies copper, for 2.5" and above can we use schedule 40 steel pipe with weld or grooved fittings?	Addendum 2 updates heat pump mains to be HDPE piping with grooved fittings or heat welded. Steel piping will be entertained pending owner's approval, but will require insulation where the HDPE piping does not.
11	APS	Is the Alternate #2 domestic hot water system water cooled, is a pump required, pipe size?	No alternate pump is required. The hot water heater(s) will require a control valve to open/close flow, but flow will come from the main pumps.
14	APS	Please confirm at the equipment room everything will be replaced. Boilers , air handlers , water heaters , pumps, all equipment will be replaced on phase 2, 2024.	All chilled water pumps, heating water pumps, expansion tanks, air seperators, boilers + ancillary equipment, etc. will be removed and replaced with the new systems indicated. Some control panels may remain that serve systems

			not being removed, but central plant equipment will be removed and replaced as indicated on the documents. Any items discovered during demolition and construction that aren't clear at the time shall be coordinated with the engineer and owner prior to removal in phase 2.
16	APS	Lights throughout the building we're already replaced, please confirm ceiling tiles need to take off for HVAC replacement to protect all lights etc.	Existing LED lights are being removed and turned over to the owner. All interior lighting is new, unless otherwise noted.
17	APS	Please confirm on top of the roof are 3 units needs to be replaced on phase 1 , 2023.	These rooftop units will be replaced in phase 2
18	APS	Please confirm Cooler tower from roof pictures will be attached Phase 1 , 2023.	Existing chiller will remain in phase 1. this chiller will be replaced with new cooling tower in phase 2.
19	APS	Please confirm will be additional closets for equipment. Also, sprinklers need to be added lights etc. in rooms 206,204 phase 1, 2023.	New closets indicated on plans will be complete in phase 1 with lights and sprinklers. These spaces will house new heat pumps that will be installed in these spaces in phase 2.
21	APS	For both phases 1 and 2 carpet needs to be shampoo wash after jobs are completed.	If Alternate #3 for VCT in classrooms is accepted, then classroom carpet will go away and not need to be shampooed. Hallway carpet is presumably being installed in phase 2 after the heavy work is done, so it should not need to be shampooed. Those areas in phase 2 that are subject to heavy work (demo of ceilings and above ceiling work) will need to have carpets shampooed.
22	A002	Please confirm the whole building painting is needed.	As stated in the documents, the entire interior of the building is to be painted. See notes on A002.
23	APS	Please confirm elevator is not allowed to use.	Elevator use is not allowed by the contractor. We suggest removal of a window on 2nd floor for trash removal and stocking of material. Window would, of course, have to be re-installed after construction is complete.
24	APS	Please confirm will be adding a closet for a head pump on room 209, and a closet for storage on the same room 209.	Confirmed. 209M is enclosed for new heat pumps while 209S is meant for classroom storage.
26	A100 M400 E300	The Architectural plans A-100 and M-400 and E-300 Don't agree on the scope of work. Architectural plans say area not in scope when M-400 and E-300 show new work being done in this area. Please confirm this area is within the scope of this phase and work is being done under this project.	A-100 shows this room out of scope as there are no expected architectural changes in Mech 108. Electrical and Mechanical drawings show work in this area as there will be new equipment located within this room during phase 2.
27	E120	Clarification is needed for the HVAC. Is the Chiller being removed in Phase 1 or Phase 2? The electrical drawings show it being removed on E-120 but notes on the mechanical drawings say Phase 2. Please confirm.	The existing chiller is to be removed in phase 2. chiller is to remain in phase 1 and shall be operational until the second summer in order to keep the existng HVAC system online while building is occupied.
28	E200 E201 E210 E211	Drawings E200, E201, E210, and E211 show fixture types of HO, H1E, and H10. These fixtures are not on the fixture	Light fixtures are to be procured by the owner and installed by the contractor. Fixtures with an O suffix have an integral occupancy sensor and fixtures with an E suffix have integral batteries.

		schedule. Is there a model number for these fixtures.	Add Alt #1 fixtures to be purchased by contractor if accepted.
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Issued By:

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