

**Questions and Answers (Q&A) ADDENDUM NO. 3**

**BID C16-24 (ESPLOST 2) SHUMAN ELEMENTARY SCHOOL HVAC REPLACEMENT PROJECT**

	<b>Question:</b>	<b>Response:</b>
<b>1.</b>	<b>Mock:</b> "What size piping will be used at the new cooling towers?"	The existing main is 5". Piping at tower shall also be 5".
<b>2.</b>	<b>Mock:</b> "If the alternate to replace CHW pipe is taken, will underground pipe need to be replaced?"	Alternates #2 and #3 have been deleted.
<b>3.</b>	<b>Mock:</b> "Some mechanical drawings show multiple duct lines to a single supply diffuser or return grill. What are the multiple lines representing?"	The air device has a plenum box at the connection and it actually has multiple ducts routed to it rather than one larger duct.
<b>4.</b>	<b>Mock:</b> "Alternate #2 to replace the WSHP loop and condenser water piping... insulate pipes as specified. No insulation specs were found in 230700 for WSHP loop & condenser water piping. Please advise."	Alternates #2 is deleted. Condenser water piping is specified to be foamglas in section 230700 paragraph 3.3 WSHP loop water pipe is not insulated.
<b>5.</b>	<b>Mock:</b> "Specifications 230700-3.3-D regarding Foamglas insulation – mitered sections of Foamglas to be held in place with wire? Can it be held in place with 1" filament tape?"	Yes
<b>6.</b>	<b>Mock:</b> "Specifications 230700-3.5-A calls to "insulate the following 1, 2, 3, 4... all supply air ductwork... all return air ductwork... etc." a. The return air duct is already lined. Is insulation required? b. Is the existing duct to be insulated?	a. Where existing return duct is lined, external insulation would not be required. Any new return duct should be externally insulated as specified.  b. Existing ducts should already be insulated.
<b>7.</b>	<b>Y-Delta:</b> "Will provisions be made for summer school so that summer school will not impact this project?"	Yes, provisions will be made so summer school has no impact on this project
<b>8.</b>	<b>Y-Delta:</b> "Please issue an addendum adding a mini-split to the IT room as discussed in the pre-bid meeting."	A mini-split is Included in the revised drawings provided in addendum #3.
<b>9.</b>	<b>Y-Delta:</b> "Is any known asbestos in the mechanical system?"	There is no known asbestos in the mechanical system.

10.	<b>Y-Delta:</b> “The extent of the work can be done while school is in session is possibly to replace the water source heat pumps. Please clarify what should be done prior to replacing these units to clean the existing piping. If the loop piping is not replaced and is the loop piping is to be cleaned, this should be done before equipment and control valves are installed (rather than at the end of the project as this can damage the new valves and equipment).”	The loop piping alternate is deleted so all loop piping will remain. All existing strainers should be cleaned prior to installing any new units. The existing piping system will not require any additional cleaning prior to installation of new WSHP units. The system will need to be cleaned after installation as specified in section 232500.
11.	<b>Y-Delta:</b> “Will the contractor be responsible for plan review&/or inspection fees?”	Chatham Engineering will submit to City of Savannah for plan review. Contractor is not responsible for permit/inspection fees. A building permit is required.
12.	<b>Y-Delta:</b> “I did not see a note addressing ceiling replacement / repair where required. This would especially be required if loop piping is replaced.”	Any ceiling damaged during construction should be replaced by contractor to match existing.

**END OF ADDENDUM NO. 3 Q&A**