

TO: Bidders

Date: August 20, 2012

PROJECT: **AHU REPLACEMENT AT SYLVANIE WILLIAMS ELEMENTARY
SCHOOL
RSD PROJECT # 2011-0876-0001
3127 Martin Luther King Jr. Blvd.
New Orleans, LA 70125**

ENGINEER: **IMS Engineers, P.A.
126 East Amite Street
Jackson, MS 39201**

OWNER: **New Orleans Recovery School District**

The following additions and revisions are to become a part of the Bid Documents of the above referenced project. Acknowledge receipt of the Addendum by inserting its number on the Bid Proposal. The General Contractors are responsible for bringing this Addendum to the attention of their Subcontractors and Material Suppliers.

Item 1: SPECIFICATION 238216 – AIR COILS

A. Include Markel as acceptable manufacturer.

Item 2: SPECIFICATION 230900 – INSTRUMENTATION AND CONTROLS FOR HVAC

A. Replace paragraph 1.2 (B) with the following:

The existing control system shall be expanded utilizing product that will not void the existing 5 year warranty and/or impact the integration back to the RSD network. The existing system is manufactured by Alerton.

Item 3: POWER VENTILATOR SCHEDULE

A. Replace existing sheet Power Ventilator Schedule, Sheet M0.2, with the attached Power Ventilator Schedule (boiler room roof mounted exhaust fan).

Item 4: SHEET M1.1

A. Revise per attached SK-1 (boiler room roof mounted exhaust fan).

Item 5: SHEET M1.4

A. Revise per attached SK-2 (boiler room roof mounted exhaust fan).

Item 6: SHT M2.1

A. Add General Note 8 as follows:

The scheduled air handlers should allow for proper condensate trap installation. If unit selected does not allow for proper condensate trap installation, the units may be raised, as practical, by either thicker neoprene pads, vibration isolation springs or lastly, counter-sinking of traps in concrete floor.

Item 7: SHT M2.2

A. Add General Note 8 as follows:

The scheduled air handlers should allow for proper condensate trap installation. If unit selected does not allow for proper condensate trap installation, the units may be raised, as practical, by either thicker neoprene pads, vibration isolation springs or lastly, counter-sinking of traps in concrete floor.

Item 8: SHT M2.3

A. Add General Note 8 as follows:

The scheduled air handlers should allow for proper condensate trap installation. If unit selected does not allow for proper condensate trap installation, the units may be raised, as practical, by either thicker neoprene pads, vibration isolation springs or lastly, counter-sinking of traps in concrete floor.

Item 9: REQUEST FOR INFORMATION

A. See attached.

Item 10: PRE-BID MEETING MINUTES & SIGN-IN SHEET

A. See attached.

END OF ADDENDUM NO. 1

POWER VENTILATOR SCHEDULE

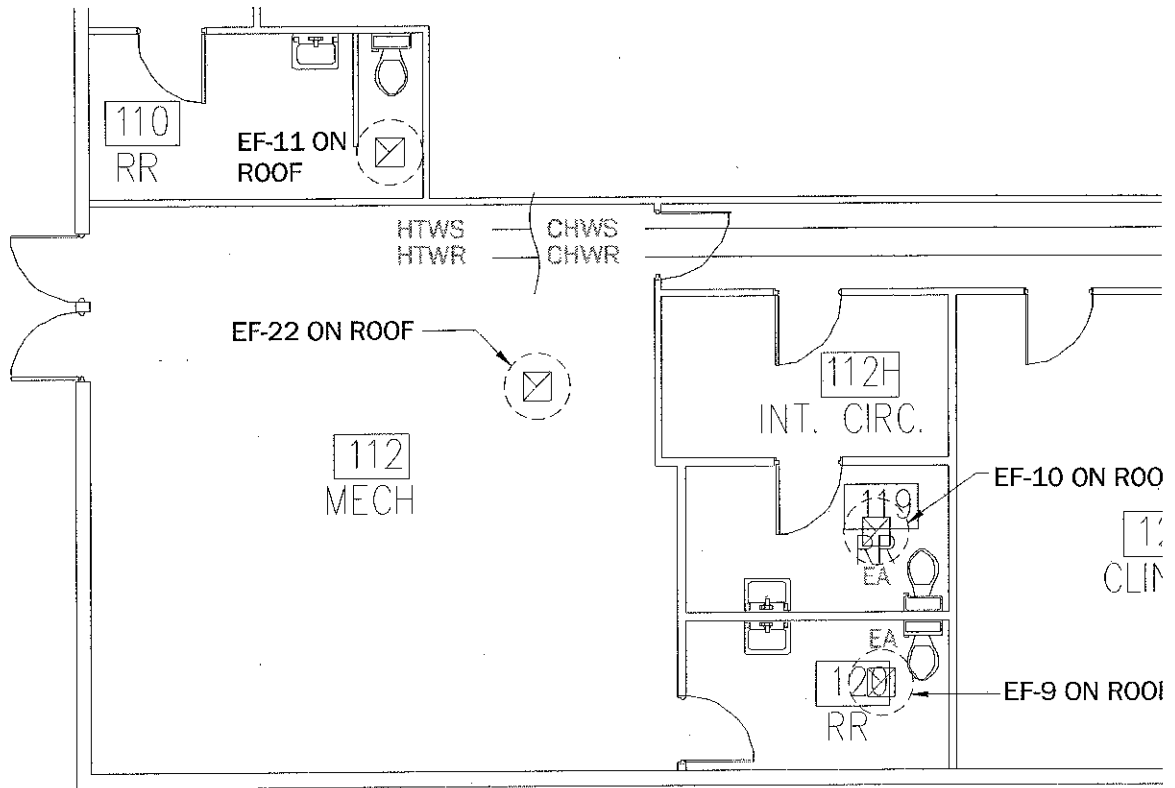
SERVES	CFM	ESP	HP	VOLT/PH	RPM	FRPM	SONES	MOUNTING	FAN TYPE	DRIVE	WT (LBS)	REMARKS
134 RR	50	0.20	1/6	115/1	1140	695	1.6	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
133 RR	50	0.20	1/6	115/1	1140	695	1.6	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
130 RR	50	0.20	1/6	115/1	1140	695	1.6	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
129 RR	50	0.20	1/6	115/1	1140	695	1.6	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
141 RR	100	0.20	1/6	115/1	1140	797	2.3	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
140 RR	100	0.20	1/6	115/1	1140	797	2.3	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
145B RR	50	0.20	1/6	115/1	1140	695	1.6	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
122 STOR	100	0.13	1/30	115/1	1050	651	0.7	ROOF	CENTRIF	DIRECT	23	1,2,3,4,5,6,7,8,9
120 RR	70	0.13	1/30	115/1	1550	933	0.9	ROOF	CENTRIF	DIRECT	33	1,2,3,4,5,6,7,8,9
119 RR	70	0.13	1/30	115/1	1550	933	0.9	ROOF	CENTRIF	DIRECT	33	1,2,3,4,5,6,7,8,9
110 RR	50	0.13	1/60	115/1	1550	966	1.1	ROOF	CENTRIF	DIRECT	32	1,2,3,4,5,6,7,8,9
108 STOR	150	0.13	1/30	115/1	1050	666	0.8	ROOF	CENTRIF	DIRECT	40	1,2,3,4,5,6,7,8,9
100D RR	50	0.13	1/60	115/1	1550	966	1.1	ROOF	CENTRIF	DIRECT	32	1,2,3,4,5,6,7,8,9
100B RR	50	0.13	1/60	115/1	1550	966	1.1	ROOF	CENTRIF	DIRECT	32	1,2,3,4,5,6,7,8,9
209A RR	50	0.20	1/6	115/1	1140	695	1.6	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
209B RR	50	0.20	1/6	115/1	1140	695	1.6	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
318 RR	50	0.13	1/60	115/1	1550	966	1.1	ROOF	CENTRIF	DIRECT	32	1,2,3,4,5,6,7,8,9
319 RR	50	0.13	1/60	115/1	1550	966	1.1	ROOF	CENTRIF	DIRECT	32	1,2,3,4,5,6,7,8,9
25 RR,215 RR,303A RR	650	0.20	1/8	115/1	860	733	4.2	ROOF	CENTRIF	DIRECT	71	1,2,3,4,5,6,7,8,9
24 RR,214 RR,302A RR	650	0.20	1/8	115/1	860	733	4.2	ROOF	CENTRIF	DIRECT	71	1,2,3,4,5,6,7,8,9
12B CUST,312B CUST	125	0.20	1/6	115/1	1140	877	2.9	ROOF	CENTRIF	DIRECT	68	1,2,3,4,5,6,7,8,9
BOILER ROOM	1,540	0.25	1/4	115/1	1540	704	6.9	ROOF	CENTRIF	DIRECT	58	1,2,3,4,5,6,7,8,9,10

GGLE, JUNCTION BOX MOUNTED AND WIRED
 OVERLOAD PROTECTION

12" HIGH ABOVE FINISHED ROOF
 AND BIRDSCREEN

22 FANS TOTAL

ROOF OPENING OR CONTRACTOR TO MODIFY AT NO COST TO OWNER
 DEDICATED SOURCE



HVAC PLAN

SCALE: $\frac{1}{8}''=1'$

 **EF-11**

 **EF-22**

 **EF-10**

 **EF-9**



HVAC PLAN

SCALE: $\frac{1}{8}''=1'$

- ③ INSTALL EXHAUST FAN ON EXISTING ROOF CURB PER PLANS. REPAIR OR EXISTING CURB IF DAMAGED AT NO COST TO OWNER (TYPICAL).

REQUEST FOR INFORMATION
AHU REPLACEMENT AT SYLVANIE WILLIAMS ELEMENTARY SCHOOL
08/20/2012

- Q1. Will a contractor bidding as a mechanical prime be allowed on this project?
R1. Paragraph 3.2 in Section 3 of the Louisiana Department of Education Instruction to Bidders states, "...the Bidder must hold a valid and current Louisiana contractor's license."
- Q2. Note 3 on M1.4 does mention repair 'or replace' Fan Curbs as necessary. Because roof work to 'replace' curbs would dramatically increase costs and we (before removal of fans) cannot truly determine the need to do this; and because repairs would also be difficult to determine, can a \$200 allowance for each curb be established? If no work is required (which we expect) this could be credited after this scope is determined upon removing fans and examining the condition of the curbs.
R2. No allowances will be stipulated on this project. The contractor will have to investigate as necessary and make a determination as to whether the curbs are salvageable. All care should be taken during demo to not damage the existing curbs.
- Q3. Air Handling Units call for Neoprene Pads Under Units. Present Units do not have Spring Isolators. Pads will not allow sufficient height for installation of Condensate Traps as indicated on 2/M4.1. No Concrete pads are shown on the drawings either. We would suggest the following. Either the inclusion of Spring Isolators for the purpose of raising the units, Counter Sinking Traps in the slabs as required, or providing Concrete Pads (which may be difficult due to space constraints). Please advise.
R3. Current units do have external spring isolators. The specified equipment condensate drain along with the pads should provide sufficient height for the trap. Correct, detail 2/M4.1 is a generic detail but is still applicable. The scheduled AHU-2,3,4&5 overall heights do not allow for much tolerance to raise the units. These units are only ones of concern; other units have additional height tolerances. I would allow, as practical, either taller pads or springs as needed. As a last resort, counter sinking the traps. Concrete pads would not be an option.



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DATE: August 20, 2012

RE: **Pre-Bid Meeting Minutes**

PROJECT: **AHU Replacement at Sylvania Williams Elementary School**
RSD Project # 2011-0876-0001
3127 Martin Luther King Jr. Blvd.
New Orleans, LA 70125

ENGINEER: **IMS Engineers**
126 East Amite Street
Jackson, MS 39201

OWNER: **New Orleans Recovery School District**

The meeting was held at 9:00 AM on August 8, 2012, at Sylvania Williams ES at 3127 Martin Luther King Jr. Blvd., New Orleans, LA.

Attendees	Organization
Thomas Arceneaux	RSD
Sombra Williams	RSD
Scott Drago	Jacobs/CSRS
David Drope	IMS Engineers
Chris Harris	IMS Engineers
Thomas Hughes	ARC Mechanical
Stephen Nelson	M. J. Metal
Ashley Savanno	Unlimited Construction

The minutes of the progress meeting are as follows:

1. RSD introduction and brief overview of project.
2. RSD discussed mechanical room's space limitations and occupancy of school.
3. IMS asked that each attendee introduce them self and their company affiliation.
4. IMS discussed scope of work and discussed work performed during previous project at Sylvania Williams. IMS explained that control valves and isolation valves installed during previous project shall be reused for purpose of this project.

5. IMS stated that new louvers are to be installed in all classroom doors.
6. Contractor asked what type of controls were installed during previous project. RSD answered that Alerton controls were installed and that no additional work should be done to controls.
7. Contractor asked if the exhaust fans that will be installed during the AHU project should be tied in to the existing BAS. IMS answered yes.
8. RSD discussed that moving equipment in and out of mechanical rooms will need to be scheduled and coordinated with school staff.
9. Contractor asked if temporary air is required and stated that the expected down time once an air handler is removed is approximately 5 days. IMS answered no temporary air is included in the scope of work.
10. Jacobs/CSRS stated that equipment must be removed from job site the same day as demolition.
11. Jacobs/CSRS stated that no equipment is allowed to be moved out of the building while students are moving in the hallways.
12. IMS stated that the center of the doorways may be removed to allow the removal of demoed equipment.
13. Contractor expressed concern with the control vendor utilized on the previous project and using a new control vendor for current project. RSD will speak with control vendor regarding the matter.
14. Contractor asked if weekend work will be allowed. RSD answered yes if coordinated with school representative.
15. Contractor asked if Kristen Lozada will be school representative. RSD answered yes and stated that if Ms. Lozada is not available that Jason will be the replacement school representative.
16. IMS discussed construction schedule and construction days. IMS stated there would be 180 construction days. Jacobs/CSRS stated that there are 160 construction days. IMS confirmed the number of construction days is 160. *5 MONTHS*
17. RSD stated that there may be some flexibility with the schedule and construction days if needed. Jacobs/CSRS stated that an extension would be issued only for a legitimate reason.
18. IMS stated bid opening is scheduled for August 28, 2012.
19. IMS discussed RFIs and cutoff date for RFIs' is August 17, 2012.
20. IMS stated liquidated damages for project are \$1,000 per calendar day.
21. IMS discussed site access to the facility and coordination with school representative.
22. IMS discussed site security.
23. IMS discussed construction activities and coordination with school representative.
24. IMS discussed school no tolerance of drug, alcohol, or tobacco use will on site as well as the requirement for no fraternizing with students of profanity while on site.
25. IMS discussed site safety.
26. RSD discussed 25% DBE participation requirement for project and stated that the DBE must be certified by LAUCP. RSD also stated that all sub-contractors to sub-contractors to sub-contractors that will be performing work over \$10,000 must adhere to same 25% DBE participation requirements. RSD stated that all efforts to obtain certified DBEs' shall be documented and that all efforts by sub-contractors and sub-contractors to sub-contractors shall over \$10,000 shall be tracked also. Contractor asked what shall qualify as sufficient means for tracking effort to obtain DBE participants. RSD stated the provisions for acceptable efforts are outlined on the LAUCP website.
27. Contractor asked if it will be acceptable if one sub-contractor meets the 25% DBE participation requirement. RSD answered yes.

28. Jacobs/CSRS stated that all toiletries inside of the building are off limits and the contractor will be responsible for providing portable toiletries. RSD stated that there is a restroom inside of the main mechanical room and that the restroom will be available to the contractor.
29. Jacobs/CSRS stated all staff associated with the contractor or sub-contractor will be required to have, at a minimum, a badge with their name, picture and company.
30. Jacobs/CSRS stated that shirts shall be worn at all times by all workers while on site.
31. Jacobs/CSRS stated that every Friday a schedule shall be emailed from the contractor to the school representative, Jacobs/CSRS and IMS stating the schedule for the following week.
32. RSD asked if a badge will be required for a one time visitor. Jacobs/CSRS answered yes.
33. IMS asked if it will be required for the contractors' and subcontractor's staff will be required to sign the school's sign in log. Jacobs/CSRS answered no.
34. Jacobs/CSRS stated that parking on site will be limited and the contractor shall make provisions for parking.
35. Contractor asked if onsite storage will be provided. Jacobs/CSRS stated that the contractor should coordinate with the school representative. RSD stated that all efforts will be made to work with contractor to provide onsite storage.
36. Jacobs/CSRS stated there is zero tolerance for drug, firearm and alcohol used on site. Jacobs/CSRS stated that this includes prescription drugs.
37. Meeting adjourned.
38. Site tour performed.
39. IMS stated that barometric relief dampers shall be installed over existing louver in both stairwells.
40. Contractor stated that the bypass will be lost when the 3rd floor AHUs' are removed. RSD stated that the control valves on the second floor shall be manually opened when the 3rd floor AHUs' are removed and that all work on the third floor shall be completed prior to moving to the second floor.
41. IMS stated that care should be taken to identify the coil connection orientation.
42. IMS stated that care should be taken during demo of existing ductwork so as that new ductwork can be connected to existing ductwork not demoed.
43. RSD asked if cafeteria louver will be replaced. IMS answered no.
44. Contractor asked if a detail has been provided for door lintel. IMS answered yes.
45. IMS stated that previously RSD requested an exhaust be installed in the mechanical room. IMS added exhaust fan to addendum #1.
46. Site tour adjourned.

END OF MINUTES