



ADDENDUM NO. 6

HVAC & CONTROLS REPLACEMENT/ADDITION AT NINE (9) SITES: BARRANCA, BEN LOMOND, CYPRESS, GROVECENTER, MANZANITA, MERWIN, MESA, ROWLAND, AND WORKMAN ELEMENTARY SCHOOLS RFQ/RFP #22-23-105

January 19, 2023

This Addendum forms a part of the RFQ/P Documents and modifies the original RFQ/P Documents. Acknowledge receipt of this Addendum in space provided on the RFQ/P Proposal Form. Failure to acknowledge may subject Proposer to disqualification. Except as specifically modified by this Addendum, all other terms and conditions set forth in the RFQ/P Documents remain in full force and effect.

QUESTIONS AND CLARIFICATIONS:

RFI Responses:

RFI numbers 1 through 10 were received from Scopio AireMastersA/C. See attached RFIs and responses.

END OF ADDENDUM

PRE-BID CLARIFICATION FORM

PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	RFP Documents	DRAWING NUMBER:	N/A

REQUESTED CLARIFICATION:

RFP Package Questions:

- Are 11 x 17 pages allowed and if so, do they count as 2 pages?
- Are there any font restrictions - size, type, etc.?
- Does the District want us to include both an organization chart and a listing of all personnel available?

RESPONSE TO CLARIFICATION:

- 11"x17" pages are allowed and will count as one page.
- The font must be at least as readable as black Times New Roman 11 point. Submittals that are difficult to read may be rejected at the sole discretion of the District.
- No, an organization chart is sufficient.

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

PRE-BID CLARIFICATION FORM

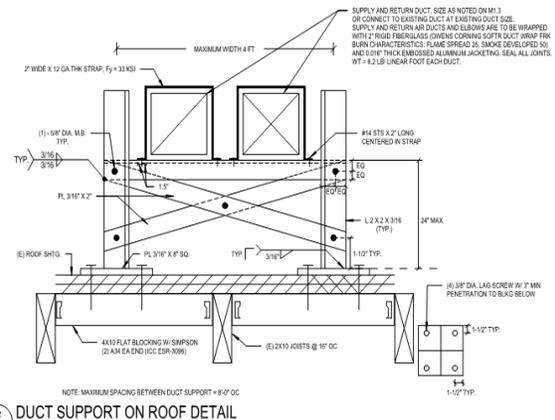
PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:		DRAWING NUMBER:	12/M7.1 at Ben Lomond

REQUESTED CLARIFICATION:

Detail 12/M7.1 Clarifications:

- This details shows Rooftop duct support for side-by-side SA/RA duct however there is no detail for single duct support. This is going to happen multiple times, please provide.
- The notations on this detail are unclear, is the rooftop duct to be lined both inside and outside? Please advise per site



RESPONSE TO CLARIFICATION:

DLR Structural Response:
 Detail 12/M7.1 can be used as a single duct support.

DLR Mechanical Response:
 As clearly noted and shown in the detail, the supply and return ducts will be wrapped to outside of the duct with Aluminum jacking on roof. No inside liner is mentioned in the detail. This is a duct support detail. Wherever, inside duct liner is required, no outside wrap is required.

Donna Zhao, DLR. 1/18/2023

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

PRE-BID CLARIFICATION FORM

PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	N/A	DRAWING NUMBER:	All Sites

REQUESTED CLARIFICATION:

"Attachment E Materials" does not include MPR equipment. Please confirm this equipment is going to be provided by the owner. Is there an attachment for the MPR equipment?

RESPONSE TO CLARIFICATION:

Yes, the MPR equipment will be provided by the owner. The District's will directly purchase the MPR equipment at a later date. There is not an attachment for the MPR equipment at this time, as it has not been ordered yet.

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

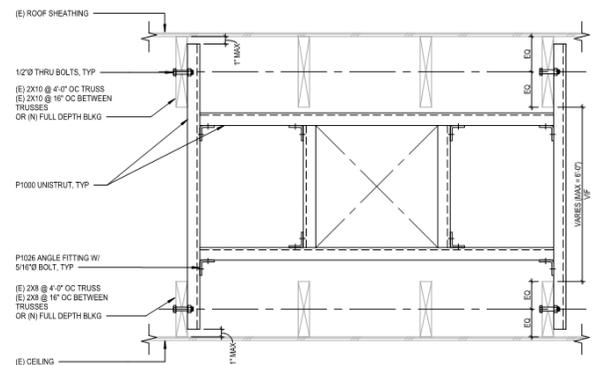
PRE-BID CLARIFICATION FORM

PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	Mechanical	DRAWING NUMBER:	10/M7.2 Ben Lomond

REQUESTED CLARIFICATION:

Detail 10/M7.2 is shown in the details but does not match site conditions, can you explain where this would apply at any site?



10 M7.2 DUCT SUPPORT IN CEILING SPACE NO SCALE

RESPONSE TO CLARIFICATION:

DLR Structural Response:

Detail 10/M7.1 is to be used to support the ducts running in between the space between the ceiling and roof at Ben Lomond, Cypress, Grovecenter, Rowland, and Workman. The photo below is the classroom ceiling space at Rowland ES.



DLR Mechanical Response:

It applies to the duct in the ceiling space of the classrooms. Refer to section details 1/M1.1C & 2/M1.1C.

Donna Zhao, DLR. 1/19/2023.

necessary; however, only one (1) request shall be contained

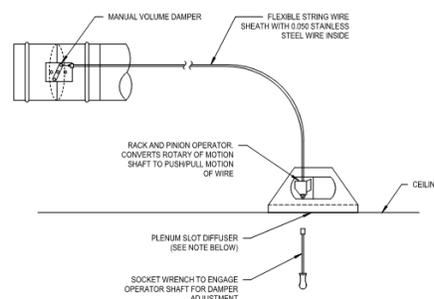
PRE-BID CLARIFICATION FORM

PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	Mechanical	DRAWING NUMBER:	5/M7.2

REQUESTED CLARIFICATION:

- Confirm if all hard-lid ceilings will require remote dampers?
- If required, will we have to provide an access door at each damper?
- Will this affect all sites?
- Will Pottorff type be acceptable?



- NOTES:**
1. DIFFUSER OR REGISTER LOCATED IN GYP BOARD CEILING.
 2. PROVIDE REGULATOR FOR ALL MANUAL VOLUME DAMPERS INSTALLED IN INACCESSIBLE CEILING OR HARD TO REACH PLACES.
 3. FOR CEILING TYPE AND CONSTRUCTION, SEE ARCHITECTURAL DRAWINGS.

5 BOWDEN TYPE CABLE CONTROL (YOUNG'S REGULATOR)
M7.2 NO SCALE

RESPONSE TO CLARIFICATION:

The RFI didn't call out the school name. The response is based on Ben Lomond as called in RFI #2&4, and the other schools with same condition.

1. Confirmed. All hard-lid ceilings require remote regulators for the dampers.
2. No additional access is required. There is an existing access door at the classrooms for above ceiling space.
3. This applies to all the sites under the same condition.
4. Please use Young's Regulator as designed.

Donna Zhao, DLR. 1/19/2023.

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

PRE-BID CLARIFICATION FORM

PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	Mechanical	DRAWING NUMBER:	M0.1

REQUESTED CLARIFICATION:

HVAC Acceptance Testing:

- Do all of these forms (see right) need to be provided for every unit at every site?

Please clarify if MATT 1 and TABB/NEBB certifications are acceptable to complete T-24 forms?

ACCEPTANCE TESTING
<p>MANDATORY ACCEPTANCE TESTING PER TITLE 24, PART 6 SHALL BE AS FOLLOWS: AN AABC AGENCY SHALL ACT AS THE ACCEPTANCE AGENT AND PERFORM WORK REQUIRED IN THE FOLLOWING ACCEPTANCE TESTS AS DESCRIBED IN CHAPTER 13 OF THE 2019 NONRESIDENTIAL COMPLIANCE MANUAL. THIS SHALL INCLUDE FILLING OUT, SIGNING, AND SUBMITTING APPLICABLE FORMS LISTED HEREIN.</p> <p>NRCA-MCH-02-A – OUTDOOR AIR ACCEPTANCE NRCA-MCH-03-A – CONSTANT VOLUME, SINGLE ZONE, UNITARY AIR CONDITIONER AND HEAT PUMP SYSTEMS NRCA-MCH-04-A – AIR DISTRIBUTION SYSTEMS ACCEPTANCE NRCA-MCH-05-A – AIR ECONOMIZER CONTROLS ACCEPTANCE NRCA-MCH-06-A – DEMAND CONTROL VENTILATION SYSTEMS ACCEPTANCE NRCA-MCH-07-A – SUPPLY FAN VFD ACCEPTANCE NRCA-MCH-08-A – VALVE LEAKAGE TEST NRCA-MCH-11-A – AUTOMATIC DEMAND SHED CONTROL ACCEPTANCE NRCA-MCH-12-A – FAULT DETECTION & DIAGNOSTICS (FDD) FOR PACKAGED DIRECT EXPANSION UNITS NRCA-MCH-13-A – AUTOMATIC FAULT DETECTION & DIAGNOSTICS (FDD) FOR AIR HANDLING UNITS & ZONE TERMINAL UNITS ACCEPTANCE NRCA-MCH-16-A – SUPPLY AIR TEMPERATURE RESET CONTROLS ACCEPTANCE NRCA-MCH-18-A – ENERGY MANAGEMENT CONTROL SYSTEM ACCEPTANCE</p>

RESPONSE TO CLARIFICATION:

They apply to all the units in all the schools. Refer to the forms for unit listing.

As indicated, only AABC certifications are acceptable.

Donna Zhao, DLR. 1/19/2023.

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

PRE-BID CLARIFICATION FORM

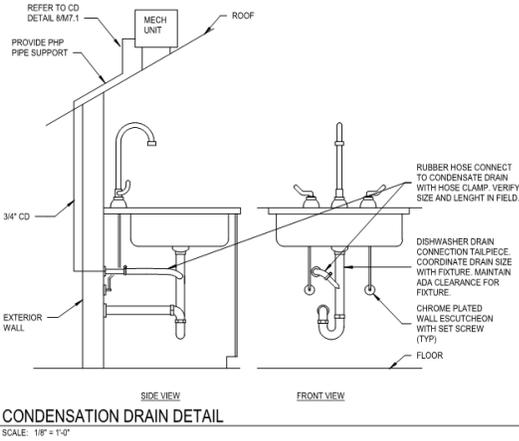
PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	Mechanical Plumbing	DRAWING NUMBER:	MP1.1/#1 Ben Lomond

REQUESTED CLARIFICATION:

HVAC Condensate at sites applicable:

- Does it need to be insulated?
- Does it need to have a sheet metal cover?
- Are we to core drill the concrete walls for the condensate?



RESPONSE TO CLARIFICATION:

DLR Mechanical Response:

1. Refer to specs 232113. No insulation is required except ADA wrap under sinks where required.
2. No sheet metal cover is required for Plumbing.
3. No concrete walls in the classroom buildings.

Donna Zhao, DLR, 1/19/2023

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

PRE-BID CLARIFICATION FORM

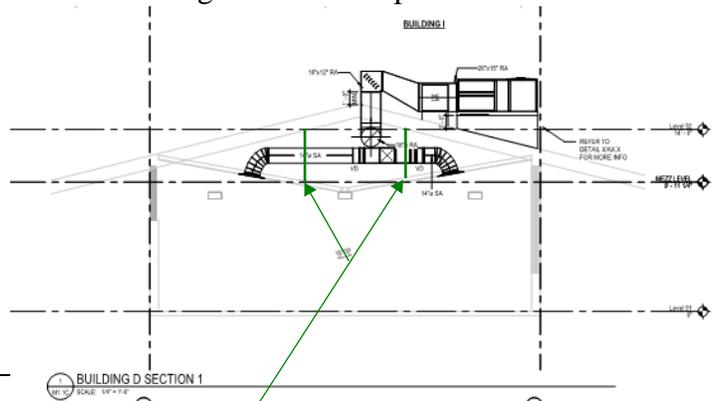
PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	Arch/Structural	DRAWING NUMBER:	1/M1.1C

REQUESTED CLARIFICATION:

On the jobwalk we were not able to see the condition/design of the attic space and the details lack information, are there catwalks up there?

Please provide above ceiling attic space As-Builts for reference at applicable sites.



RESPONSE TO CLARIFICATION:

DLR Structural Response:
Refer to RFI-04. This is where the detail is applicable for the duct support.

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

PRE-BID CLARIFICATION FORM

PROJECT NAME:	HVAC & Controls Replacement / Addition at Nine (9) Sites		
PROJECT NUMBER:	RFQ/RFP #22-23-105		
TO:	Robin Harbert	EMAIL:	rharbert@c-vusd.org

DATE:	01/17/23		
FROM:	Scorpio Enterprises dba AireMasters A/C	EMAIL:	tdean@airemasters-ac.com
DOCUMENT/DIVISION NUMBER:	Mechanical	DRAWING NUMBER:	Manzanita & Merwin

REQUESTED CLARIFICATION:

Both Manzanita and Merwin have a large amount of Rooftop Ductwork but no details are provided for the Rooftop Duct Supports. Their floorplans show ceiling diffusers connected to SA/RA risers from Rooftop Duct but no horizontal duct running in the attics.

Please clarify and provide applicable details.

RESPONSE TO CLARIFICATION:

DLR Structural Response:
See 3A/S1.4 for Manzanita and Merwin for roof duct support details.

Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.