



# Ventura County Community College District

PURCHASING DEPARTMENT

DATE: July 27, 2018  
TO: All Bidders  
FROM: Jo Nell Miller, Purchasing Specialist  
SUBJECT: Addendum 2 – Bid 550 Moorpark College Gymnasium Renovation

*This addendum is hereby made part of the Contract Documents to the same extent as though it was originally included therein and takes precedence over the original documents. The outdated pages must be replaced with any updated and/or changed pages when submitting your bid. Acknowledge receipt of all addenda on the Bid Form.*

The bid opening remains on **Thursday, August 2, 2018**. Bids must be received no later than **3:00 p.m.** at 761 E Daily Drive, Suite 200, Camarillo, CA 93010. Properly mark the outside of the exterior envelope on your submitted bid with the Bid Number and Name according to the requirements stated in the bid packet directions.

If you choose not to participate in this particular bid, please sign the Bid Proposal stating “no bid” and email it to me at [jonellmiller@vcccd.edu](mailto:jonellmiller@vcccd.edu).

It is the responsibility of the Bidder to verify that their proposal has been received by the VCCCD Purchasing Department prior to the opening date. Verification of receipt can be made through the listed Purchasing Specialist.

The deadline for questions was Tuesday, July 24, 2018, at 5:00 p.m. No further questions will be accepted.

The changes, clarifications or additions and deletions are hereby made to the contract documents. All other contract requirements remain unchanged.

## GENERAL (Response to Bidder's Questions)

1. Question: Clarification for E421 mentions that “EMS Control Panel is located in IDF 1 Room 131 as shown on plan”. What is the purpose of this EMS control panel? Is it for the EMS gateway communication router for the building? Is it for ALL the EMS control systems for the building, which would include ALL AH units, Fan Coil units, Exhaust Fans, Boiler System, Chiller System, etc.?

Answer: 1. Gateway Communication Router. 2. Yes 3. Yes this location will serve as the gateway to the LAN.



# Ventura County Community College District

## PURCHASING DEPARTMENT

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2. Question: In the demolition stage; are the existing EMS controls to be salvaged and offered back to the college for use as back up controllers, for future use? If yes, which contractor shall be responsible for the removal of the existing EMS controllers?

Answer: All of the EMS controllers shall be offered back to the college for legacy replacement parts. The controls contractor shall demo the controllers. All the rest of the existing controls demo shall be performed per the General Contractor's requirements.

3. Question: Thermostats in the gym floor area, shown on M3.00, do not mention a thermostat guard; guards are not referred to in the specs either. Is the DDC contractor to provide thermostat guards; and if so what type?

Answer: Yes. Please see schedule on M7.0 which requires a protective cage for these thermostats. American Time Guard G763-W or equal.

4. Question: Is the chiller control panel enclosure to be located outside adjacent to the chiller or in the mechanical mezzanine adjacent to the CHW pumps?

Answer: Install chiller panel within the chiller enclosure. Panel enclosure must be rated for the installed location.

5. Question: Can the CHW Loop Temp sensors be located in the mechanical mezzanine or does the ME prefer them outside near the chiller.

Answer: Install sensors outside within chiller enclosure.

6. Question: Is the CHW Loop DPT, located near FC-7, to be terminated at FC-7 controller or should it be run back to Chiller Control Panel? If it is terminated at FC-7 it would have to be broadcast via the controller network as a virtual point. Is this acceptable?

Answer: It is acceptable to be broadcast as a virtual point.

7. Question: The control points list mention that the HHW & CHW pumps have VFDs, but only the CHW pumps on the mechanical schedule show the CHW pumps with VFDs. Are the Boiler pumps to have VFDs as well?

Answer: Boiler pumps listed in boiler schedule are primary constant volume pumps (no VFD). Secondary hydronic heating pumps (P-2 A&B) shall have ABB VFD per Pump Schedule shown on M1.1.



# Ventura County Community College District

## PURCHASING DEPARTMENT

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8. Question: On the Control Topography there are shown P1A & P1B, are these electrical panels that are to have a BACnet connection that are to be connected to the campus BAS network. They are not shown on the electrical plan sheet E424.

Answer: Revise pump labels on control topology to P1A & P1B for the chilled water pumps and P2A & P2B for the heating water pumps as shown on revised sheet M7.00. See attached revised sheets E423 & E424 for locations and revised labels of the pumps P1A, P1B, P2A, and P2B. Please also note these pumps are VFD driven and require connection per M700.

9. Question: The control points on sheets M7.00 & E424 are not all in accord with each other, especially for the Chiller and Boilers. Can these be clarified?

Answer: Use M7.0 for control points.

10. Question: Are the exterior lights to be controlled via BACnet, virtual points, or are they to be hardwired? The points list shows CM4 as a ZN controller and a patch cable to the lighting panel, but this controller does not accept a communication patch cable. How are they to be controlled?

Answer: The lights shall be controlled via 6 discrete outputs to a Powerlink panel located in the electrical room (Rm. 134). Provide all wiring, conduit, programming, graphics, etc. needed for control of these lighting circuits. Coordinate with electrical contractor.

11. Question: Can you clarify which points for the Chiller and Boilers are to be hardwired and which are to be BACnet? Maybe use the designation of AI & DI for hardwire and V for virtual.

Answer: Chiller BACnet virtual points to be displayed on the graphics page are: kilowatts, head pressure (all circuits), percentage of full load, chiller enable, chilled water temp reset and alarm. Boiler BACnet virtual points to be displayed on the graphics page are: Boiler(s) enable, status, hot water reset, and alarm. All other points listed on M7.00 shall be via AI, DI, AO, & DO inputs and outputs.

12. Question: The AHU-2 & AHU-3 sequence is not clear as to how the AHUs are to be switch as to which, in low air load, will be lead and which to be in lag. Are they to be switched weekly, monthly, etc.? I ask because AHU-2 has direct OSA connection (for economizer) and AHU-3 has tempered OSA through AHU-4. Will this even be an issue?

Answer: AH-3 will be the lead air handler in most cases because it receives tempered outside air from AH-1. The exception to this case is when there is a cooling call in the Gym and the outside air can be used for cooling.



# Ventura County Community College District

## PURCHASING DEPARTMENT

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13. Question: The specifications do not mention anything about clocks or cameras. There are clocks and cameras shown on Drawing Sheets E401 and E402. Please advise

Answer: The master clock is existing and is not being removed. Provide new clocks to match the campus standard which is American Time Dial Style 4, 15" round, surface mounted. Provide all required conduit and wiring. Locations are as noted on the plans

14. Question: With reference to Drawings Sheets A4.09/A4.11/A4.12 Keynote 10.24, A1.04 and A1.05. Please provide projector specification.

Answer: Epson PowerLite 2255U provided and installed by G.C.

15. Question: On sheet E301, the referenced F5 types in Mechanical Room 131 and IDF Room 131 measure 8' not 4' – Please confirm as the description lists it as 4'

Answer: They are Type F5, 4 foot each quantity two, butted together in each of the rooms as noted on the plans.

16. Question: Confirm if Types F5, F8, M and UC are to be "Dimmed"

Answer: F5, F8, M, and UC are not dimmed.

17. Question: On sheet E301, the four fixtures shown in Ramp #2 appear to show them as Type "M" and also has an arrow with Type "R4". On that sheet toward the top in Ramp #1, those fixtures are only called out as Type "M" but please clarify.

Answer: The fixtures in Ramps #1 and #2 are all Type M, the call-out for Type R is incorrect and can be ignored.



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PURCHASING DEPARTMENT

## DRAWINGS

### **Mechanical**

- M7.00
1. Revised labels of chilled water pumps and heating water pumps to be consistent with M1.01
  2. Airflow monitoring stations (AF-1) added to control schedule and now shown on AH-1 control diagram. Revised control points at AH-1 to add two air flow monitoring stations. Deleted air flow monitoring station at AH-4.
  3. Revised CM-4 in Control Schedule to control lights via hardwire connection and deleted reference to patch cable.

### **Electrical**

- E423 Location of chilled water pumps and heating water pumps indicated
- E424 Updated to include same revisions as sheet M7.00 above in this Addendum

## SPECIFICATIONS

- 10 5626
- Section 1.02 C. PROJECT REQUIREMENTS : Delete text in paragraph C and replace with the following "Rails are surface mounted on top of the concrete floor slab with a fire retardant treated ¾ inch 5-ply plywood decking and ramp infill to create a flush finished floor surface in the area of the mobile shelving units".
- Section 2.02 D. MOVABLE SYSTEM COMPONENTS : Modify text in next to last sentence in paragraph D to read as follows "The track is surface mounted on top of the concrete floor slab".
- Section 2.02 J. MOVABLE SYSTEM COMPONENTS : Add paragraph J to read as follows "Floor/Ramp Decking: Minimum ¾ inch, 5-ply underlayment grade plywood, fire retardant treated. Particle board sheathing materials are not permitted. Floor/Ramp Decking shall be provided and installed by Mobile Shelving sub-contractor. Finished flooring surface shall be provided and installed by G.C."

*End of Section*