

ADDENDUM NO. 2**TERMINAL AIR HANDLER UNIT (AHU) REPLACEMENT****MJ PROJECT NO. 19228.12**

The attention of all bidders submitting proposals for the above project is called to the following changes to the Contract Documents. The items set forth herein, whether of clarification, omission, addition, or substitution are to be included in and shall form a part of the proposal submitted.

Bidders shall acknowledge receipt of the Addendum by writing the words, "**Addendum No. 2**" and inserting a date of **May 9, 2025**, on page BP-2 of the Proposal Documents.

QUESTIONS

Q: What is the extent of water balance required?

A: The new hot water and chilled water coils at each AHU shall be balances to flow rate indicated on the schedules.

Q: What is recourse if the chilled water or hot water flow cannot be achieved?

A: This will be addressed on a unit-by-unit basis.

Q: Does the installation of automatic flow control valves need to be added to the CW and HW piping?

A: Provide pressure independent balance valves on each coil at the 'flow measuring and balance device' valve location shown on the coil piping details on drawing M400.

Q: I believe a per-construction air and water balance should be required so that any short coming of the existing systems can be identified?

A: Verify air and water balance at each unit prior to demolition. Submit result to the EOR for review.

Q: The building occupancy is needed for each AHU for the engineer of record to determine the required minim outdoor air?

A: Refer to airflow table included in Addendum 01.

Q: Should demand control ventilation be considered reduce energy consumption and conserve capacity during low internal load times?

A: Changes to the sequence of operation will need to be discussed with the owner. At a minimum, as part of this project include CO2 sensors in the return air path for each AHU and monitor each sensor at the building automation control system.

Q: Should bi-polar ionization be considered to aid in outdoor air reduction?

A: Not at this time.

Q: No outdoor air is shown in schedule, has the required outdoor air be considered in equipment selection?

A: Refer to the airflow table included in Addendum 01.

Q: What is the design chilled water and hot water temperature, and system delta temperatures?

**A: Chilled Water: EWT = 42 F, LWT 54 F.
Hot Water: EWT = 180, LWT = 150 F**

END OF ADDENDUM NO. 2