

The following information changes the competitive process documents issued on April 4, 2025.

### QUESTIONS AND RESPONSES

- Q1 The pump schedule shown on drawing M-100 indicates that variable speed drives are to be provided with the pumps, however the Updated MCC drawing, E401, indicates that starters with hand-off-auto switches are to be provided for pump control and there are no variable speed drives shown on electrical drawing E300. Please confirm variable speed drives will be provided with the pump and provide the location of the variable speed drives.
- R1 Primary and secondary hydronic pumps (13 total) are to include variable speed drives as scheduled on drawing M-100. Starters are not required as part of the project scope. The Contractor will be required to coordinate the sub-trades to ensure all power and control connections, as well as, local disconnects are provided as indicated on the drawings.**  
**DELETE starter size, Hand/Off/Auto switch, pilot light, and reset button from Detail 1/E401. Remaining MCC and breaker requirements remain within the scope of work.**
- Q2 Please confirm that differential pressure sensors and bypass valves are actually required at all locations shown on drawings M-311 and M-312.
- R2 Differential pressure sensors and bypass valves are required as indicated on the plans and schematics.**
- Q3 Please clarify if the existing hot water zone mixing valves are to be replaced. There are no notes on the drawings related to the removal or replacement of these valves.
- R3 The two (2) existing domestic water heating systems do not include thermostatic mixing valves.**
- Q4 Please clarify Note #5 under General Requirements for All Sequences of Operation on drawing M-103. Is it the responsibility of the controls contractor to provide 3rd-party commissioning for all equipment and control systems?
- R4 This Project includes 3<sup>rd</sup> Party Commissioning (CFM-West). The successful Contractor will provide all required support to facilitate the 3<sup>rd</sup> Party Commissioning.**

- Q5 Please confirm the amount of training hours required. The specification for Training, Section 1.9.6 states that a total of 16 eight hour days are required. For a project of this type, typically there are 4 hours of training for a single group.
- R5 **DELETE 1.6.9.2 in its entirety and REPLACE with**  
**Provide training at the site at a location designated by the Owner. Allow for two (2) separate training sessions on two (2) separate days. Coordinate scheduling of each session with the Owner. Allow for 4.0hours for each session during normal business hours, excluding holidays. Each session will cover the items indicated in 1.6.9.1.**
- Q6 Do you require Union labour?
- R6 **No.**
- Q7 There is an allowance of 10 control points required, as indicated on drawing M-103. Please clarify the type of point to be allowed for (i.e. temperature, pressure, etc.) and the length of wiring and conduit to be allowed for.
- R7 **Please remove this allowance from the base bid Scope of Work.**
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**End of Addendum #1**