



State of Utah

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Department of Administrative Services

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Division of Facilities Construction and Management

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Director

ADDENDUM NO. 1

Date: August 31, 2012
To: Commissioning Consultants
From: Rick James – Project Manager
Reference: SJ Quinney College of Law Building
University of Utah – Salt Lake City, Utah
DFCM Project No. 11292750
Subject: **Addendum No. 1**
Pages Total Addendum 2 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

1.1 **SCHEDULE CHANGES:** There are no Project Schedule changes.

1.2 **GENERAL ITEMS:** Questions/Answers/Clarifications

1.2.1 Will there be CO2 monitoring and mitigation control infrastructure? The need for this may arise in the courtroom area, and the classroom areas will in fact reach CO2 capacity at a design temperature day.

Answer: Yes. Demand controlled ventilation will be implemented as appropriate, which may include vacancy sensors and/or CO2 sensors.

- 1.2.2** There is no humidity control outlined in the program. Will there be any humidity requirements? If there is the decision to add CO2 monitoring and mitigation, we should explore adding humidity control to the system. Considering the advantage of using the IDEC cooling system and chilled water cooling as well, I believe we should be able to maintain finite temperature control.
Answer: No humidity control is required or planned at this time.
- 1.2.3** With the ground water table levels, is it possible that the water can be used for ground water source heat pumps?
Answer: Possible, but not probable, due to HTW requirement. May be considered further.
- 1.2.4** The project does not outline any possible renewable energy. Does the program seek to add renewable and/or green energy to achieve their sustainable goals and compliance to the 2030 carbon emission goals?
Answer: To be determined.
- 1.2.5** Measurement and verification is outlined in the program documents to seek to measure and verify energy goals. Will the commissioning agent be writing the M&V Plan and performing the verification and calibration to the energy model(s)?
Answer: Yes
- 1.2.6** The program states an Overall Reduced Lighting Power annual energy consumption of 25% including reduced lighting power densities, occupancy sensors, and day-lighting controls. Should these recommended goals in the program be addressed in the design reviews of the project?
Answer: Yes
- 1.2.7** The project does not specify if the opportunity is available for heat recovery. Is there an opportunity to explore heat recovery on this project?
Answer: Yes
- 1.2.8** The project does not specify if an opportunity exists for the use of raw water in the project. Is there an opportunity to explore this possibility?
Answer: Yes. Use of irrigation water for HVAC loads is being considered.
- 1.2.9** The program uses a baseline energy model that does NOT show occupancy between 1800 and 2400 (see table page 83), though the program shows that the building will be occupied until 2200 during the weekdays (see table page 76). Please clarify the occupancy of the facility to validate the energy model building energy performance (BEPs).
Answer: To be determined
- 1.2.10** Are the mechanical and electrical systems discussed in the Architecture Program document likely to be implemented in the building (ex. Chilled Beams)?
Answer: Yes