

ADDENDUM

Project: Science Building Research Wing Expansion

Project No. 03049

Owner: University of Southern Maine
Portland, Maine

Architect: Symmes Maini and McKee Associates
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Addendum: No. 2

Date: April 29, 2004

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated February 20, 2004 and Addendum No. 1 dated April 28, 2004. Portions of the Bidding and Contract Documents not altered by this addendum remain in full force.

Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

CHANGES TO SPECIFICATIONS

05810, Architectural Joint Systems

1. 1.02 A: Insert at the beginning of this paragraph, "This Section specifies architectural joint systems for building expansion joints. Furnish and install architectural joint system with cover as specified in this Section wherever the building expansion joint is exposed in wall, floor or finish ceiling, whether or not it is specifically shown on Drawings."
2. 1.02 B: Add to "Related Work," "Firestopping at concealed expansion joints is specified in Section 07840."
3. 3.03 J: Insert, at the beginning of this paragraph, "Install fire barrier behind the architectural joint system covers in all floor joints and interior wall joints, regardless of whether the fire barrier is shown on Drawings."

15180, HVAC Piping

1. Add new Article 2.06 follows:

2.06 FREEZE PROTECTION AND CLEANING CHEMICALS

- A. Freeze Protection: 40 percent propylene glycol by volume, meeting the following requirements:

1. Freezing point equal to -5°F and burst point equal to -21°F.
 2. Inhibits corrosion when tested in accordance with ASTM D1384
 3. Dyed yellow to facilitate leak detection.
 4. Alkalinity of the fluid must be at least 15 mL.
- B. Pipe Cleaning Chemical: Barclay "Liquid Flushout" or equal intended for use in closed loop systems, compatible with existing system treatment, and recommended by existing system water treatment provider.
2. 3.08: Add new paragraph F as follows:
 - F. Fill systems with water in solution with the propylene glycol fluid. Use distilled water with low levels (less than 25 ppm) of chloride and sulfate, and less than 50 ppm of hard water ions (Ca⁺⁺, Mg⁺⁺). If water meeting these specifications is unavailable, purchase pre-diluted solutions of industrially inhibited propylene glycol fluid from the fluid manufacturer.

CHANGES TO DRAWINGS

M1.1 Third & Fourth Floor Plans

1. The Unit Heaters marked UH/1 on the Third and Forth Floor Plans are new, to be provided by the Contractor. (Only the Unit Heaters marked UH/1 on the Fifth Floor Plan will be from USM storage.)

END OF ADDENDUM