NOTICE ALL BIDDERS FOR THE:

University of Missouri

**Lafferre Hall – 3rd Floor – Lab & Cleanroom Shell Space Fitout**

Columbia, Missouri

This addendum is issued to verify that the above-named plans and specifications are modified, corrected, and/or supplemented, as noted herein, and is, from the above date, an integral part of the Contract Documents.

**CONSTRUCTION QUESTIONS / CLARIFICATIONS:**

1. “Specification Section 13 03 00 Cleanroom specifies a basis of design as well as three other suppliers / subcontractors; however, it appears UMC may have selected only one subcontractor as a sole source during the prebid. Please confirm if this is a sole source specification section. Please confirm whether clean room subcontractor will be by General Contractor or by Owner.”
   
   a. Response: This is NOT a sole source specification. Basis-of-design product is listed as a reference along with other approved equals, subject to compliance with requirements indicated in the Documents.
   
   b. Response: General Contractor to provide cleanroom as indicated in the Documents.

2. “Sheet A103 and G100.4 differ in quantities of fire extinguishers and cabinets. Please confirm which dictates.”
   
   a. Response: A103. Fire extinguishers are by Owner; fire extinguisher cabinets are by General Contractor

3. “Existing corridor walls require select demolition in order to receive new doors, windows, and storefronts. Some openings have long spans. What is the support intention of these spans within existing walls?”
   

4. “Note 2/A103 calls out removal of drywall at existing walls. It is unclear what goes in its place. Please confirm what equipment or finish goes in its place.”
   
   a. Response: Any “NEW WORK” as indicated in the Documents, including doors, windows, fixtures, equipment, etc. Refer to cutting and patching requirements indicated in the General Conditions and Specifications for finishes.

5. “Existing Corridor CC3220 shows existing polished concrete at Plan East side of temporary wall and new polished concrete at Plan West side of temporary wall. New polishing will be apparent when compared to existing. We recommend polishing entire Existing Corridor CC3220. Please confirm this should be included in base contract scope of work to assist “blending.”
   
   a. Response: Refer to Specification section 01 7300 EXECUTION for cutting and patching requirements. “Provide an even surface of uniform finish, color, texture, and appearance” throughout the corridor.

6. Cleanroom Questions:
   
   a. “The panels are to be static dissipative but the uprights/supports are to be steel, this seems to be contradicting. Is it mandatory that uprights/supports be a powder coated steel or will anodized aluminum be accepted?”
      
      i. Response: Yes, subject to complying with all other requirements.

   b. “Are Fiberglass Reinforced Plastic panels acceptable in lieu of the PVC?”
i. Response: If it can be demonstrated that they are equally chemical resistant, static dissipative, transparent, and of equal strength. Panels need to be transparent from floor to ceiling.

c. “Our support frames are a 2 piece electric component capable 3” system in either anodized aluminum, baked on enamel, or Kynar coated will any of these options be accepted in lieu of the powder coated 2” welded frame system?”
    i. Response: Yes, subject to complying with all other requirements.

d. “Are there any acceptable alternatives to stainless steel doors? We can provide but if the building system is a powder coated steel there are less expensive options to match.”
    i. Response: Bid per specifications. Substitutions may be considered per article 3.11 of the General Conditions.

e. “Our ceiling grid is a gasketed anodized aluminum grid, will this be accepted?”
    i. Response: Yes, subject to complying with all other requirements.

f. “How will the air changes be handled, a recirculating or single pass air flow design?”
    i. Response: Recirculating

g. “If it will be recirculating we have the ability to provide hollow panels with vents/grills installed in them so that the air can run directly in the wall system with having to surface mount anything and lose valuable floor space.”
    i. Response: Vents/grills are required

h. “What will the height of drop ceiling of the existing building be set at?”
    i. Response: Reference A153

    i. “Does the cleanroom mechanical need to be dedicated to just that room? I.e. do we need to provide a plenum cap or will we be expected to run our panels all the way to the deck?”
    i. Response: Panels stop at cleanroom ceiling and do not run to deck.

7. “Does the deionized water require insulation?”
   a. Engineer Response: No.

8. “Notes on the HVAC drawings indicate that the color of the PVC jacketing is to be selected by the architect to match paint color of the duct. What color will the PVC jacketing be on the heating hot water and chilled water?”
   a. Engineer Response: White

9. “Please confirm that the areas in which the duct is routed above ceiling will be considered conditioned space.”
   a. Engineer Response: Yes

SPECIFICATIONS:

1. SECTION 1.A BID FOR LUMP SUM CONTRACT: Revised and reissued herewith:
   a. Revised Additive Alternate No. 1 description

2. SECTION 1.H ALTERNATES: Revised and reissued herewith:
a. Revised Additive Alternate No. 1 description

3. SECTION 08 4113 ALUMINUM-FRAMED STOREFRONTS: Revised and reissued herewith:
   a. Revised paragraph 2.02.A to include YKK AP America, Inc.

4. SECTION 12 3553 METAL LABORATORY CASEWORK: Revised and reissued herewith:
   a. Revised paragraph 2.01.B to include ICI Scientific.

5. SECTION 26 3419 LABORATORY MECHANICAL SYSTEMS: Revised and reissued herewith:
   a. Facility Monitoring System (FMS) was added to the specification.

**DRAWINGS:**

1. SHEET A103 – THIRD FLOOR PLAN
   a. Revised plan note B to reference typical detail B2/A552.

2. SHEET Q001 – LABORATORY CASEWORK GENERAL INFORMATION: Revised and reissued herewith.
   a. Revised detail D1

   a. Revised detail A5 to include light fixtures

4. SHEET E301 THIRD FLOOR – POWER PLAN: Revised and reissued herewith.
   a. Shared equipment C3205: Removed some data outlets and revised some outlets to GFCI.
   b. Cleanroom Core Lab C3222: Removed some data outlets.
   c. Microscopy C3221: Removed some data outlets.
   d. Industry C3216: Remove some data outlets and made some outlets GFCI.
   e. Map C3211: Remove some data outlets and made some outlets GFCI.
   f. Energetic C3210: Remove some data outlets and made some outlets GFCI.

5. SHEET E302 THIRD FLOOR – RCP POWER PLAN: Revised and reissued herewith.
   a. Reduced number of data outlets. Refer to revised drawings.

END OF ADDENDUM 2