ADDENDUM NO. 2

ISSUE DATE: September 13, 2021

RE: FP&M PHYSICAL PLANT RELOCATION
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN

UW-Institution Project No. 0549-2117
UWSA Project No. A-21-001

BID DUE: MEP Bidders: 2:00 P.M., September 21, 2021
GPC Bidders: 2:00 P.M., October 5, 2021

FROM: Continuum Architects + Planners, SC
751 North Jefferson St., Suite 200
Milwaukee, WI 53202

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Contract Documents dated August 20, 2021 as noted below. Acknowledge receipt of this Addendum by inserting the number and issue date of this addendum in the blank space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of four (4) pages and the attached documents:

Drawings:
A001 – GENERAL INFORMATION SHEET
A1.100 – BUILDING 1 – NEW WORK PLAN - BASEMENT LEVEL
A1.200 – BUILDING 1 – NEW WORK PLAN - LEVEL 01
A1.300 – BUILDING 1 – EXTERIOR ELEVATIONS, SECTIONS AND DETAILS
A1.400 – BUILDING 1 – INTERIOR ELEVATIONS
A1.500 – BUILDING 1 – DOOR/ROOM FINISH SCHEDULE
A1.600 – BUILDING 1 – NEW WORK PLAN – LEVEL 02
A1.700 – BUILDING 2 – NEW WORK PLAN – LEVEL 01
A1.800 – BUILDING 2 – NEW WORK PLAN – LEVEL 02
A2.100 – BUILDING 2 – RCP – LEVEL 01/02
A2.200 – BUILDING 2 – INTERIOR ELEVATION
A2.300 – BUILDING 2 – DOOR/ROOM FINISH SCHEDULE
A2.400 – BUILDING 2 – CLEAN ROOM REFERENCE DRAWINGS
A2.500 – BUILDING 2 – NEW WORK PLAN – LEVEL 03
A2.600 – BUILDING 2 – INTERIOR ELEVATIONS
A2.700 – BUILDING 3 – DOOR/ROOM FINISH SCHEDULE
S1.100 – STRUCTURAL NOTES
S1.200 – NEW FRAMING PLAN
M1.100 – BUILDING 1 – MECHANICAL PLAN - BASEMENT
M1.101 – BUILDING 1 – MECHANICAL PLAN – LEVEL 01
M1.200 – BUILDING 1 – MECHANICAL PLAN – LEVEL 02
M1.300 – BUILDING 1 – MECHANICAL PLAN - ROOF
E1.100 – BUILDING 2 – POWER PLAN – LEVEL 01
E1.200 – BUILDING 2 – TECHNOLOGY PLAN – LEVEL 01
E2.100 – BUILDING 2 – PANEL SCHEDULES
E602 – ELECTRICAL SCHEDULES

CHANGES TO BIDDING REQUIREMENTS:

1. GPC INVITATION TO BID, Page A-2. Line 31;
Add the following:
2. MEP INVITATION TO BID, Page A-2. Line 44; 
Add the following:
- EPDM roof membrane (Specified membrane as described in the Section spec section 07 53 23).

CHANGES TO SPECIFICATIONS (DIVISIONS 2 THRU 33):

3. SECTION 03 30 00 – CAST-IN-PLACE CONCRETE. Page 03 30 00-07, line 48:
Replace with the following:
Clear, Waterborne, Membrane-Forming Curing and Sealing Compound: ASTM C 1315, Type 1, Class A.

4. SECTION 03 30 00 – CAST-IN-PLACE CONCRETE. Page 03 30 00-08, lines 16 & 17:
Replace with the following:
Repair Overlayment: Cement-based, polymer-modified, self-leveling product that can be applied in thicknesses from 1/4 inch and that can be filled in over a scarified surface to match adjacent floor elevations. Where patches are indicated on the architectural drawings, the area must be saw cut in a clean rectangular pattern that extends a minimum of 1” beyond the patch area. The depth of the patch cut must be a minimum of 1/2 inch deep with all loose material removed prior to setting new concrete patch.

5. SECTION 07 53 23 - ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING. Page 07 53 23-2; 
Add the following to Line 15:
The existing roof membrane remains under manufacturer’s warranty. Any alterations to the roof, including but not limited to curbs, penetrations, roof-mounted accessories, and tie-ins to existing membrane must be performed by a licensed Firestone Licensed Applicator and reported to Firestone. Additional information and reporting forms for roof alterations are available at www.firestonebpco.com.

6. SECTION 07 53 23 - ETHYLENE-PROPYLENE-DIENE-MONOMER ROOFING. Page 07 53 23-9; 
Delete:
Lines 10, 12, 13, 14, and 15.

7. SECTION 22 42 00 - COMMERCIAL PLUMBING FIXTURES. Page 22 42 00-04; 
Replace Lines 12 through 25 with the following:
SH-1 – One-piece acrylic barrier free molded shower unit with dome ceiling, non-slip floor finish, grab bars, fold-up seat and 2” drain. Set unit into floor construction to maintain ADA required ½” threshold. Pressure balanced shower valve with ceramic valving, check stops, adjustable temperature limit stop and volume control, Lever handle operated. With lever operated diverter valve, stationary shower head and hand-held adjustable head with 44” slide bar, 72” hose, in-line vacuum breaker and supply elbow. ADA compliable.
- Fixture:  Kohler Freewill K-12100/12101.
- Drain:  Kohler K-9132 2” drain with strainer.
- Valve:  Speakman SM-1427-SCS.
- Shower Head:  Speakman S-2270-AF. (2.2 gpm @ 80 psi)
- Shower Arm:  Speakman S-2500.
- Diverter:  Speakman S-1182.
- Supply Ell:  Speakman VS-115.
- Hose:  Speakman VS-142.

8. SECTION 23 33 00 – Air Duct Accessories. Page 23 33 00-05, line 24; 
Add:
For Building 3, Louver L-5 refer to Architectural Section 07 42 16.
CHANGES TO DRAWINGS:

9. Sheet A001 – GENERAL INFORMATION SHEET
   a. Add general deck heights of existing buildings for reference.

    a. Modified New Work Plan Key Note A3.

11. Sheet A1.201 – BUILDING 1 – NEW WORK PLAN – LEVEL 01
    a. Add existing exposed ceiling height. GC to field verify all existing dimensions.
    b. Modified New Work Plan Key Note A3.

    a. Modified note on patching of existing exterior façade condition.

    a. Add clarification on detail 8 for finish requirements for door infill.

    a. Add door head and jamb reference to Door Schedule.

15. Sheet A2.201 – BUILDING 2 – NEW WORK PLAN – LEVEL 01
    a. Remove FS-1 and GB-4 tag from enlarged bathroom plan. See adjusted plumbing specification for product data.

    a. Adjusted wall type, height, and fire rating for around new mechanical shaft.

17. Sheet A2.301 – BUILDING 2 – RCP – LEVEL 01/02
    a. Add existing exposed ceiling height. GC to field verify all existing dimensions.

18. Sheet A2.700 – BUILDING 2 – INTERIOR ELEVATIONS
    a. Adjusted wall height of mechanical enclosure.

19. Sheet A2.800 – BUILDING 2 – DOOR/ROOM FINISH SCHEDULE
    a. Add clarification to door 138C.1 in Door Schedule.
    b. Add door head and jamb reference to Door Schedule.

20. Sheet A2.900 – BUILDING 2 – CLEAN ROOM REFERENCE DRAWINGS
    a. Add clarification to existing clean room location.

    a. Add wall type tags to bathroom partitions
    b. Add toilet partition tag and elevations

22. Sheet A3.700 – BUILDING 3 – INTERIOR ELEVATIONS
    a. Add Woman’s and Men’s Restroom toilet partition elevations

23. Sheet A3.800 – BUILDING 3 – DOOR/ROOM FINISH SCHEDULE
    a. Add room names to Door Schedule.
    b. Add door head and jamb reference to Door Schedule.

24. S1.100 – STRUCTURAL NOTES
    a. Modified typical interior column footing details.

25. S1.200 – NEW FRAMING PLAN
    a. Modified note on removal of existing slab and installation of new column foundation.
   a. Relocated new pipes from Level 01 to east side of column as shown.

27. M1.201 – BUILDING 1 – MECHANICAL PLAN – LEVEL 01
   a. Relocated new pipes down to basement to east side of column as shown.

28. M2.202 - BUILDING 2 – MECHANICAL PLAN - LEVEL 02
   a. Added the location of the smoke and motorized dampers to the plan view.

29. M2.204 - BUILDING 2 - MECHANICAL PLAN – ROOF
   a. Revise location of MAU supply smoke damper.
   b. Add exhaust air motorized damper.
   c. Add Note 3 indicating exhaust air insulation.

30. M2.602 - BUILDING 2 – MECHANICAL DETAILS
    a. Add exhaust air motorized damper

31. E1.211 - Building 2 – POWER PLAN – LEVEL 01
    a. Revise location of smoke damper.
    b. Add motorized damper connection.

32. E1.221 - Building 2 – TECHNOLOGY PLAN – LEVEL 01
    a. Revise location of duct smoke detector.

33. E2.700 - BUILDING 2 – PANEL SCHEDULES
    a. Revise panel schedule 1/NLA as shown.

34. E602 - ELECTRICAL SCHEDULES
    a. Revise General equipment schedule as shown.

END OF ADDENDUM
1. THIS DRAWING IS FURTHER SUPPORTED BY INFORMATION CONTAINED IN THE SPECIFICATION MANUAL.

2. THE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AUDIO-VISUAL, AND SECURITY PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

3. CONTRACTORS SHALL JOINTLY PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACKING PLATES, WALL BLOCKING AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF CASEWORK, TOILET ACCESSORIES, PARTITIONS. MILLWORK, INFILL WITH CMU.

4. TOUCH UP PAINT WALLS WHERE DAMAGED BY REMOVAL AND REINSTALL OF NEW DOOR AND FRAME.

5. COLD FORMED BRACE AT CORNERS. BRACE TO EXTEND OUT 1' - 0" ON EITHER SIDE. TOP OF WALLS TO BE A CONTINUOUS ELEMENT.

NOTE: SOME PARTITION TYPES MAY NOT BE USED IN THIS PROJECT.
1. THIS PLAN SHALL BE USED TO ESTABLISH THE LOCATIONS OF THE MAJOR CEILING PENETRATIONS INCLUDING:
LIGHTING, HVAC, ACCESS PANEL, SPRINKLERS, SPEAKERS, ETC. SEE MEPFP DRAWINGS FOR MORE SPECIFIC
INFORMATION REGARDING EACH DISCIPLINE. IF CONFLICTS ARE DISCOVERED REGARDING LOCATION OF CEILING
PENETRATIONS, CONTACT ARCHITECT FOR FURTHER INFORMATION.

3. ALL DIMENSIONS TO CEILING FIXTURES ARE TO CENTER OF FIXTURE UNLESS NOTED OTHERWISE.

REFLECTED CEILING PLAN KEY
NOT ALL SYMBOLS MAY BE USED.

ROUND RECESSED DOWNLIGHT FIXTURE
EXIT SIGN
SEE ELECTRICAL DRAWINGS
SUPPLY MECH DIFFUSER
LINEAR PENDANT LIGHT
SEE MECHANICAL DRAWINGS
2X4 LIGHT FIXTURE
SEE MECHANICAL DRAWINGS
MECH  RETURN DIFFUSER
SEE ELECTRICAL DRAWINGS
MECH  EXHAUST
Milwaukee, WI 53202
CONSULTANTS:
SEE ROOM FINISH SCHEDULE AND
SPECIFICATIONS FOR MORE INFORMATION

REFLECTED CEILING PLAN KEY NOTES
NOTES TO CONTRACTOR
SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING
SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.
REFLECTED CEILING PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

1 CUT PATCH AND RETURN FLOOR ABOVE TO MATCH EXISTING WHERE DUMBWAITER SHAFT WAS DEMOLOLISHED.
2 CUT PATCH AND RETURN EXISTING CMU WALL/CHASE FOLLOWING NEW HVAC SCOPE OF WORK. COORDINATE WITH
DIVISION 23 ACCORDINGLY.
3 CUT PATCH AND RETURN EXISTING FLOOR ABOVE TO MATCH EXISTING WHERE OPENINGS FOR MECHANICAL SHAFTS
WHERE CREATED. FIRE CAULK AND SEAL AROUND NEW MECHANICAL SHAFTS.

© COPYRIGHT 2020, CONTINUUM ARCHITECTS + PLANNERS S.C.
CLEAN ROOM IS CURRENTLY INSTALLED AT UW SERVICE BUILDING ON LEVEL 1, ROOM 113A (1217 UNIVERSITY AVE, MADISON WI 53706). WHICH IS LOCATED A FEW BLOCKS NORTH OF 30 N MILLS. G.C. TO DISASSEMBLE AT CURRENT LOCATION AND REASSEMBLE AT NEW WORK LOCATION. COORDINATE WITH OWNER AND MEP DRAWINGS.
SEE PROJECT DIVISION 1, GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A001 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

2. THE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AUDIO-VISUAL, AND SECURITY PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE INFORMATION CONTAINED IN ALL THE DRAWINGS BEFORE THE INSTALLATION OF ALL WORK.

A3.700

- A3.710

4. FLOOR ELEVATIONS ARE TO THE TOP OF THE SUB-FLOOR MATERIAL UNLESS OTHERWISE NOTED.

C2 PATCH EXISTING FLOOR TO MATCH EXISTING WHERE PARTITION WAS REMOVED. INSTALL SEALER AT RAW CONCRETE.

C3 FILL RECESSED FLOOR AREA WITH CONCRETE FLUSH TO MATCH EXISTING. APPLY SEALER AT RAW CONCRETE.

C4 FE TO REMAIN WITH NEW VIBRATION ISOLATION CONCRETE PAD. SEE SECTION DETAIL.

5. CONTRACTORS SHALL JOINTLY PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACKING PLATES, WALL BLOCKING AND AREA NOT IS SCOPE OF WORK.

NEW STUD PARTITION, SEE PARTITION TYPES FOR DETAILS.

NEW MASONRY PARTITION, SEE PARTITION TYPES FOR DETAILS.

EXISTING MASONRY PARTITION, TO REMAIN.

TO MATCH EXISTING SEE ELEVATION FOR DETAILS.

SCALE VARIES

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**EQUIPMENT SCHEDULE - GENERAL**

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<td>CLEAN ROOM RECEPTACLES EHS 116A 120/1 - - 0.2 1/NLA 23 20 1 2 12 12 1/2 - - - - - - EC EC EC NU 5 - 3 - 1,4</td>
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<td>CLEAN ROOM EXHAUST FAN EHS 116A 120/1 0.5 9.8 1.7 1/NLA 27 20 1 2 12 12 1/2 - - - - - - EC EC EC NU 5 - 3 - 4</td>
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<td>DRYER CHARTER 35 120/1 - 12 2.1 SFP SFP N CB 20 1 2 12 12 1/2 - - - - - - - - - - - - 13,10 - 5</td>
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<td>9</td>
<td>MAGLOCK SFP 120/1 - - 0.5 SFP SFP N CB 20 1 2 12 12 1/2 - - - - - - - - - - - - 3 - 3</td>
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<td>10</td>
<td>PAINT BOOTH POWER EHS 150 120/1 - - 0.5 1/NLA 47 20 1 2 1 2 12 1/2 - - - - - - - - - - - - 3 - 3,4</td>
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<td>11</td>
<td>FLOOR LIFT EHS 290B 120/1 - - 0.5 SFP SFP N CB 20 1 2 12 12 1/2 - - - - - - EC EC EC NU 5 - 3 - 3</td>
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**CABLE SPECIFICATIONS NOTES:**

1. All cables shall be terminated, tested and coiled at each outlet box for future installation by others.
2. Cables shall be terminated, tested and coiled at each outlet box for future installation by others.
3. Verify electrical requirements including voltage, horsepower, starter type, and disconnecting means for motors and equipment prior to ordering circuit breakers, disconnect switches, and starters.
4. Supervised circuits shall be wired to junction boxes located on top of clean room.
5. The contractor shall be responsible for coordination with other trades to avoid conflicts and to verify all equipment connection requirements.
6. All work by the contractor shall comply with all local, state, and national codes.
7. Verify electrical requirements including voltage, horsepower, starter type, and disconnecting means for motors and equipment prior to ordering circuit breakers, disconnect switches, and starters.
8. The contractor shall be responsible for providing a complete electrical system per contract documents and ensuring the system is operational upon job completion.
9. The contractor shall be responsible for coordinating with other trades to avoid conflicts and to verify all equipment connection requirements.
10. All work by the contractor shall comply with all local, state, and national codes.
11. Verify electrical requirements including voltage, horsepower, starter type, and disconnecting means for motors and equipment prior to ordering circuit breakers, disconnect switches, and starters.
12. The contractor shall be responsible for providing a complete electrical system per contract documents and ensuring the system is operational upon job completion.
13. All work by the contractor shall comply with all local, state, and national codes.
GENERAL NOTES

- Replacement of existing mechanical systems requires coordination with the building owner.
- Existing systems may be altered to meet current codes.
- Certain equipment may be changed or removed during construction.
- Replacement equipment must meet the performance requirements of the original equipment.
- Any contemplated modifications to existing systems require the approval of the building owner.

NEW NOTES

- Offset central piping to avoid conflict with existing systems.
- Ensure coordination with existing electrical and mechanical systems.
- Replace equipment as necessary to meet current codes.

FIELD VERIFY MEASUREMENTS FOR NEW STRUCTURAL REINFORCEMENT (TYP.)
- Replace air filter, clean all mechanical equipment as required.
- All equipment must be tested as required.

EXISTING MECHANICAL SYSTEMS REMOVED IN THE DEMO PHASE FOR REUSE IN NEW INSTALLATION.
- Replace diffuser. Clean diffuser before offset.
- Offset existing piping to avoid conflict with other systems.
- All existing thermostats and diffusers are the responsibility of the contractor to remove.

NOTE: WITH THESE DRAWINGS SHALL BE REPORTED TO THE CONTRACTOR TO VERIFY EXISTING DUCT AND PIPING LOCATIONS.
- Offset existing piping to avoid conflict with other systems.
- Ensure coordination with existing electrical and mechanical systems.
- All equipment must be tested as required.
- Replace equipment as necessary to meet current codes.

REFERENCE SHEET:
- Addendum 2
- 2022-01-22
- 2021-12-21 Updated

PROJECT COORDINATOR:
- Contiguous Architects + Planners S.C.
- 30 N. Mills St.
- Madison, WI 53715
- T: 612.220.4440
- F: 612.220.4477

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LEVEL 01
NEW HSS6x6x5/16" COLUMNS, TYP
EXISTING PRECAST DOUBLE TEES WILL HAVE TO BE SAW CUT AFTER BEAMS ARE INSTALLED, TYP AT NEW BEAM LINE
NOTE: REMOVE EXISTING SLAB AS REQUIRED TO INSTALL NEW FOUNDATION. REPLACE SLAB WITH NEW SLAB MATCHING EXISTING TYP.

NOTE: WHERE FOOTINGS ARE ADDED UNDER EXISTING WALLS, THE WALLS SHALL REMAIN AND THE FOOTING SHALL BE HAND HOUG, TYP.

PRECAST WITH 2" TOPPING

EXISTING PRECAST BEAM, TYP
EXISTING PRECAST COLUMN, TYP

HSS6x6x5/16, TYP

8x28 LINTEL.
SEE NOTE 2

(2) L4x4x3/8 BACK TO BACK LINTEL