ADDENDUM NO. 3

To the Drawings and Project Manual dated 1 April 2019 for

MIDWESTERN STATE UNIVERSITY
RENOVATIONS TO
J.S. BRIDWELL HALL
3410 Taft Boulevard
Wichita Falls, Texas

Addendum Date: 30 May 2019

NOTICE TO PROPOSERS:

This Addendum will be considered a part of the Contract Documents for the above referenced project as though it had been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those in the original Contract Documents, this Addendum shall govern and take precedence.

Proposers are hereby notified that they shall make any necessary adjustments in their estimates on account of this Addendum. It will be construed that such Proposer’s Competitive Sealed Proposal is submitted with full knowledge of all modifications and supplementary data specified herein.

ITEM 1 - AD#3: To the Project Manual, Sections 00100, NOTICE TO CONTRACTORS; and 00200, INSTRUCTIONS FOR PROPOSERS.
DELETE: The Bid Date of Tuesday, June 4 at 2:00 p.m.
ADD: The Bid Date shall be Tuesday, June 11 at 2:00 p.m.
ADD: As clarification, the Owner prefers electronic submission by email as the delivery method of the Competitive Sealed Proposals.

ITEM 2 - AD#3: To the Project Manual, Section 012100, ALLOWANCES.
DELETE: On page 012100-3, under Part 3.3(A), Allowance No. 1, the indication of a 5% Contingency Allowance.
ADD: The Contingency Allowances for the Base Bid and Alternates shall be stipulated amounts and shall be as follows: Base Bid - $50,000; Alternate #1 - $5,000; Alternate #2 - $5,000; Alternate #3A - $5,000; Alternate #3B - $10,000; and Alternate #3C - $5,000.

ITEM 3 - AD#3: To the Drawings, Sheets “A101”, “First Floor Plan - New”; “A102”, “Second Floor Plan – New”; and “A103”, “Third Floor Plan – New”; and the Project Manual, Section 101000, VISUAL DISPLAY BOARDS.
ADD: An existing LCS Board is being relocated from another Building on Campus (GC to install) for use in “Classroom 107T”.
DELETE: The Tack Boards (TB) indicated on the Drawings. No Tackboards shall be provided in this Project.
ADD: As clarification, the LCS Marker Boards (LCS) shall be provided as follows (location, quantity, & size):
Base Bid: “Classroom 107W” (one Board – 16’-0" length), “Classroom 205” (three Boards – 8’-0" length; one Board – 10’-0" length), and “Classroom 209” (four Boards – 7’-0" length)

Alternate #2: “Classroom 204” (one Board – 12’-0" length; two Boards – 8’-0" length), and “Classroom 208” (one Board – 12’-0" length; two Boards – 8’-0" length)

Alternate #3A: “Science Lab 308A” (one Board – 16’-0" length and two Boards – 12’-0" length).

The final location of the Boards in each space shall be coordinated with the Architect and Owner prior to installation.

All Boards on the Second and Third Floors (Base Bid and Alternates) shall be Magnetic Glass Marker Boards, ¼” tempered, low-iron, extra clear, safety writing glass with polished edges; back-painted with specially formulated fade resistant, water resistant, and heat resistant paint. Provide one (1) dozen Rare Earth magnets with each Board.

**ITEM 4 - AD#3:** To the Drawings, Sheet “A401”, Interior Elevations “A401-01”; “A401-02”, and “A401-04”.

**ADD:** As clarification, the lavatories shown in the elevations are existing lavatories to be reused and either set in new countertops (“A401-01” and “A401-02”) or relocated (“A401-04”).

**ITEM 5 - AD#3:** To the Drawings, Sheets “AD101”, “AD102”, and “AD103”, “Demolition Plans”.

**ADD:** As clarification, the GC shall carefully coordinate all work involved in the Architectural Demolition work and the Mechanical/Electrical/Plumbing Demolition scope of work with the various trades/Sub-Contractors.

**ADD:** As clarification, at areas in which new carpet tiles are the scheduled floor finish (refer to Section 099900, Finish Schedule), the existing VCT shall remain in place and not be removed. The new carpet tiles will be installed over the existing VCT.

**ITEM 6 - AD#3:** To the Drawings and Addendum #2, Item #8.

**DELETE:** Mechanical (“M”) Sheets “M0.2”, “M1.1”, “M1.2”, “M1.3”, “M2.1”, “M2.2”, and “M2.3”.

**ADD:** Replacement Mechanical (“M”) Sheets “M0.2”, “M1.1”, “M1.2”, “M1.3”, “M2.1”, “M2.2”, and “M2.3” included as a part of this Addendum. Several issues and questions have been addressed on these Drawings.

**DELETE:** Electrical (“E”) Sheets “E0.1”, “E1.1”, “E1.2”, “E1.3”, “E2.1”, “E2.2”, and “E2.3”.

**ADD:** Replacement Electrical (“E”) Sheets “E0.1”, “E1.1”, “E1.2”, “E1.3”, “E2.1”, “E2.2”, and “E2.3” included as a part of this Addendum. Several issues and questions have been addressed on these Drawings.

**DELETE:** Plumbing (“P”) Sheets “P101a”, “P101b”, “P102a”, “P102b”, “P103a”, “P103b”, “P201”, “P202”, “P203”, and “P301”.

**ADD:** Replacement Plumbing (“P”) Sheets “P101a”, “P101b”, “P102a”, “P102b”, “P103a”, “P103b”, “P201”, “P202”, “P203”, and “P301” included as a part of this Addendum. Several issues and questions have been addressed on these Drawings.

**ITEM 7 - AD#3:** To the Drawings and Project Manual, Section 011000, SUMMARY, Part 1.7, and Addendum #2, Item #6.

**ADD:** Trash Dumpsters may be placed on the west side of the Building.

**ITEM 8 - AD#3:** To the Drawings and Project Manual, Section 221423, FACILITY NATURAL-GAS PIPING.

**DELETE:** This Section in its entirety. No new Gas Piping will be required for this Project.

**ITEM 9 - AD#3:** To the Drawings and Project Manual, Section 123480, WOOD LABORATORY CASWORK, Part 3.5(D)(2)(b).

**DELETE:** The indication of a “gas cock”. There will be no gas service to the Fume Hood or any Science Lab Equipment.

**ITEM 10 - AD#3:** To the Drawings and Project Manual, Sections 220719, PLUMBING PIPING INSULATION; and 221316, SANITARY WASTE AND VENT PIPING.

**ADD:** The Contractor shall have the option to provide Schedule 40 PVC piping for Sanitary Waste and Vent Piping in ceiling spaces/return air plenums in lieu of the specified Cast Iron piping. Exposed piping in the ceiling spaces/return air plenums shall be wrapped with flexible fire-resistant wrap equal to 3M “Fire Barrier Plenum Wrap 5A+”. Provide and install with accessories (tape, banding, etc.) as per the Manufacturer requirements. Piping that
is routed through concealed wall spaces in not required to have the fire-resistant wrap, however the wrap shall extend down into the wall as required to cover the portions of the piping that is in the return air plenum.

END OF ADDENDUM NO. 3
ELECTRICAL SYMBOLS AND ABBREVIATIONS

PLAN VIEW EXAMPLES

Example Tag 1:
- MSB: Main Switchboard Named "MSB".
- L1A-3: Low Voltage Panelboard Named "L1A".

Example Tag 2:
- ATS: Automatic Transfer Switch.
- AIC: Amps Interrupting Capacity.
- LTG: Lighting.
- LBS: Pounds.
- L: Length.
- KV: KiloVolts.
- KCMIL: 1000 Circular Mil.
- IN: Inches.
- IG: Isolated Ground.
- HP: Horsepower.
- FLA: Full Load Amps.
- FACP: Fire Alarm Control Panel.
- ENT: Electrical Non-Metallic Tubing.
- EA: Each.
- DISC: Disconnect.
- DEG: Degrees.
- C: Conduit.
- BLDG: Building.
- BKR: Circuit Breaker.

ABBREVIATIONS

- RE: Reference, Refer.
- MCA: Minimum Circuit Amps.
- NMT: Non-Metallic Tubing.
- N/A: Not Applicable.
- MIN: Minimum.
- MCB: Main Circuit Breaker.
- MAX: Maximum.
- MCB: Main Circuit Breaker.
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- MCB: Main Circuit Breaker.

ELECTRICAL GENERAL NOTES

- REFER TO ARCHITECTURAL INDUSTRY USUAL PRACTICE FOR THE EXACT LOCATION OF ALL CABINETS MOUNTED DEVICES.
- COORDINATE THE EXACT LOCATION OF ALL THERMOSTATS, DOOR CONTACTS, E/Y, AND COORDINATE ALL REQUIREMENTS FOR CONTROL AND COMMUNICATIONS EQUIPMENT PRIOR TO INSTALLATION.
- THE REQUIREMENTS OF THE MECHANICAL EQUIPMENT THAT IS ACTUALLY TO BE INSTALLED AND PROVIDE AND INSTALL ALL ELECTRICAL COMPONENTS AS REQUIRED.
- PROVIDE ACCESSORY SPACE FOR ACCESS TO ELECTRICAL BOXES AND DEVICES.

FIRE ALARM NOTES

- REFER TO SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR FIRE ALARM REQUIREMENTS. ALL PROTECTIVE THROUGH FIRE Walls AND ENCLOSURE REQUIREMENTS MUST BE COORDINATED WITH OWNER OR FIRE DEPARTMENT.

POWER SYMBOL LEGEND

- [Diagram showing power symbols and their corresponding descriptions]
NEW WORK WITHIN THE 8' 1/8" = 1' AND CONDUCTORS AS REQUIRED.

RELOCATE DISCONNECTS, CONDUIT UNITS SWAPPING LOCATIONS.

REPLACEMENT UNIT CONNECTION FOR PREPARE REFER TO FLOOR PLAN.

ELECTRICAL CONDUCTORS DISCONNECT AND REMOVE FROM SUB ASSOCIATED FLOOR RECEPTACLES PLANS FOR MORE INFORMATION.

ROOMS. REFER TO ELECTRICAL FLOOR PLANS. DEMOLITION PLANS SHOW APPROXIMATE LOCATIONS FINAL LAYOUT OF RECEPTACLES IS SHOWN ON THE ELECTRICAL MSU.

PROTECT ALL EXISTING EQUIPMENT TO REMAIN.

WHERE ANY COMPONENTS ARE REMOVED.

CEILINGS, FLOORS AND OTHER SURFACES TO MATCH EXISTING

CONTRACTOR SHALL PAINT, PATCH, TEXTURE AND REPAIR WALLS, REMOVED IN THEIR ENTIRETY.

BUILDING. CONTRACTOR SHALL PATCH OR REPAIR AND PAINT ANY INCLUDING BUT NOT LIMITED TO INTERCOM, PHONE, CLOCK AND ALL ABANDONED SURFACE LIGHTING IS TO BE INSTALLED. ANY LIGHTING NOT REMOVED SHALL EXISTING LIGHTING SHALL BE REMOVED IN THE AREAS WHERE NEW LIGHTING PLANS FOR AREAS OF WORK.

BE RE E-MAIL: office@harperperkins.com

VOICE: 940.767.1421
ELECTRICAL DEMOLITION NOTES:

1. All unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems shall be removed from the building. Contractor shall patch or repair and paint any damage left after removal of these systems.

2. Remove all abandoned conduits in walls to be demolished to above ceiling. Protect conduit in walls to be demolished to above ceiling. Protect all energized at their source panelboard, conduit at source coiled and labeled existing floor boxes discovered in field, and not to any demolition or construction.

3. Verify with MSU representative status of alternates prior to work in some areas depends upon accepted alternates.

4. Provide final receptacle layout as shown on electrical floor plans.

5. Final layout of receptacles is shown on the electrical floor plans. Provide final receptacle layout as shown on electrical floor plans.

6. Work in floor areas defined above with air conditioning systems of alternates.

7. Existing floor boxes discovered in walls and not to be removed shall be referred to architectural plans for future use.


9. Existing lighting shall be removed in the areas shown new lighting is to be installed. Any connected wiring shall be removed. Provide lighting plans for areas of work.

10. RadioLOGY partitions to be demolished. Remove in electrical to radio Roy partitions for new Roy. Refer to architectural plans and electrical plans for more information.

11. Unconnected and unutilized electrical conductors back to panelboard.

12. All abandoned conduits and boxes shall be repaired and painted.

13. Disconnect and remove all unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems.

14. Protect all existing equipment to remain.

15. Existing lighting shall be removed in the areas where new lighting is to be installed. Any connected wiring shall be removed. Provide lighting plans for areas of work.

16. All unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems shall be removed from the building. Contractor shall patch or repair and paint any damage left after removal of these systems.

17. Protect all existing equipment to remain.

18. Existing floor boxes discovered in walls and not to be removed shall be referred to architectural plans for future use.

19. Connections to electrical circuits during construction.

20. Existing receptacle to remain, unless connection. Existing receptacle to remain, unless

21. Building. Contractor shall patch or repair and paint any damage left after removal of these systems.

22. All unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems shall be removed from the building. Contractor shall patch or repair and paint any damage left after removal of these systems.

23. Protect all existing equipment to remain.

24. Disconnect and remove all unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems.

25. Protect all existing equipment to remain.

26. Existing floor boxes discovered in walls and not to be removed shall be referred to architectural plans for future use.

27. Connections to electrical circuits during construction.

28. Existing receptacle to remain, unless connection. Existing receptacle to remain, unless

29. Building. Contractor shall patch or repair and paint any damage left after removal of these systems.

30. Protect all existing equipment to remain.

31. Disconnect and remove all unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems.

32. Protect all existing equipment to remain.

33. Existing floor boxes discovered in walls and not to be removed shall be referred to architectural plans for future use.

34. Connections to electrical circuits during construction.

35. Existing receptacle to remain, unless connection. Existing receptacle to remain, unless

36. Building. Contractor shall patch or repair and paint any damage left after removal of these systems.

37. Protect all existing equipment to remain.

38. Disconnect and remove all unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems.

39. Protect all existing equipment to remain.

40. Existing floor boxes discovered in walls and not to be removed shall be referred to architectural plans for future use.

41. Connections to electrical circuits during construction.

42. Existing receptacle to remain, unless connection. Existing receptacle to remain, unless

43. Building. Contractor shall patch or repair and paint any damage left after removal of these systems.

44. Protect all existing equipment to remain.

45. Disconnect and remove all unused electrical equipment above ceiling including but not limited to intercom, phone, clock and other auxiliary systems.

46. Protect all existing equipment to remain.

47. Existing floor boxes discovered in walls and not to be removed shall be referred to architectural plans for future use.

48. Connections to electrical circuits during construction.

49. Existing receptacle to remain, unless connection. Existing receptacle to remain, unless
ELECTRICAL CONDUCTORS
DISCONNECT AND REMOVE UNIT BEING REMOVED.

BACK TO PANELBOARD.

DISCONNECT AND REMOVE REPLACEMENT UNIT.

BACK TO PANELBOARD.

THIRD FLOOR ELECTRICAL DEMOLITION
1/8" = 1'-0"
NEW WORK WITHIN THE
EXISTING TO REMAIN

EXISTING CPU TO REMAIN

REFERENCE TO ARCHITECTURAL PLANS FOR MORE INFORMATION.

VERIFY WITH MSU REPRESENTATIVE STATUS OF ALTERNATES PRIOR TO CONSTRUCTION, UNLESS OTHERWISE NOTED ON PLAN. TYPICAL.

"XR" INDICATES NEAREST EXISTING

COIL UNIT(S) FROM TERMINAL STRIP LOCATED ON CONDENSING UNIT ON POINT POWER CONNECTION. CONDENSING UNIT POWERS ASSOCIATED FAN

AHU/CU NOTE:

ALL EXISTING TO REMAIN, UNLESS NOTED OTHERWISE. "XR" INDICATES NEAREST EXISTING

INDICATE GROUPING OF DEVICES ON A SINGLE 1P20A CIRCUIT, THROUGH FIRE RATED WALLS SHALL BE SEALED TO PRESERVE THE NEUTRAL PER CIRCUIT AS REQUIRED BY NEC 200.4.

AWG INSULATED STRANDED BUILDING GROUND SYSTEM.

BONDING CONDUCTOR.

GROUNDING BUSBAR WITH #6 EMT

OFFICE

STORAGE

WORK ROOM & COPIER ROOM, MONITOR ROOM

SAFETY MANAGER 1MECH1

MANAGER 1STW3

PLAN ROOM & LEGACY FILE/PLAN ROOM

RECEPTION/STAIR

CLOSET 1RR2

ROOM

ROOM

CLASSROOM 107U

ISS

INSTRUCTOR 1MF-

FOR MORE INFORMATION.

HAS BEEN MOVED. SEE ARCHITECTURAL PLANS

RELOCATE ELECTRIC TOWEL DISPENSER AND

INCLUDED AS PART OF ALTERNATE #1.

REGISTRATION OF J.S. BRIDWELL HALL FOR

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TEXAS BPE REGISTRATION # F-207

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4724 OLD JACKSBORO HIGHWAY

HARPER PERKINS ARCHITECTS, INC.

MIDWESTERN STATE UNIVERSITY WICHITA FALLS, TEXAS

DRAWING NO. DATE

1     Addendum #1 05/17/19

REVISIONS

AIA "R" FORMS" · ARCHITECTS · PROGRAMMERS · PLANNERS
**POWER GENERAL NOTES**

1. **NEW WORK**
   1. REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION
   2. IT ROOM 2 COMM - ELECTRICAL
   3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL EQUIPMENT MANUFACTURERS THROUGH ALL AREAS OF THE INFRASTRUCTURE ALTERNATE REGARDING THE MULTIPLE ALTERNATES, INCLUDING SPECIAL IT INFRASTRUCTURE ALTERNATE
   4. OUTLET BOXES SHALL NOT BE INSTALLED BACK TO BACK IN WALLS.
   5. CONTRACTOR SHALL COORDINATE FIRE RATED WALL LOCATIONS
   6. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE ALL CONSTRUCTION WORK WITH ANY OTHER TRADES

2. **CIRCUIT NUMBERS SHOWN ARE ARBITRARY AND ONLY SERVE TO INDICATE LOCATION OF RECEPTACLE OR FURNISH PLUGGER, IN CIRCUIT POWER CONNECTION. NOT DESIGNED TO COMPLY WITH CODE REQUIREMENTS.

3. **AHU/CU**
   1. THIS SHEET.
   2. "XR" INDICATES NEAREST EXISTING
   3. PROVIDE NEW 2P20A CIRCUIT BREAKERS UNLESS NOTED OTHERWISE
   4. 120V RECEPTACLE CIRCUIT. PROVIDE NEW 1P20A CIRCUIT BREAKERS UNLESS NOTED OTHERWISE

4. **NOTES**
   1. PROVIDE AND INSTALL GROUNDING BUSBAR WITH A MINIMUM #6 AWG INSULATED STRANDED WIRE
   2. PROVIDE NEW WORK WITH WIRE SIZE SHOWN. "AHU/CU" SHOULD BE INCLUDED AS PART OF THE BUILDING GROUND SYSTEM.