ADDENDUM NO. 1

Date: February 14, 2020

To: All Holders of Bidding Documents

Project: Alarm Panel Relocation
McClure No.: 108316.000
UMC No.: CP191571

From: McClure Engineering

Please find attached one copy of Addendum No. 01 for the Alarm Panel Relocation, for each set of bidding documents.

This Addendum supersedes all conflicting portions of the drawings and specifications. Contractors shall include all omissions, additions and adjustments of all trades as may be necessary because of each change, substitution or omission. Such omission, addition or adjustment shall conform to recognized and accepted engineering practice.

The specifications are hereby supplemented and amended to include the following particulars:

Item No. 1 – Specification Section 1.A – BID FOR LUMP SUM CONTRACT
   A. Updated bid form attached to include alternate number 1.

Item No. 2 – Specification Section 1.H – ALTERNATES
   A. Updated bid form attached to include alternate number 1. The following language was added:

   Base Bid may be increased in accordance with following Additive Alternate proposal(s) as Owner may elect:

   1. Additive Alternate No. 1: Performance of all work for the medical gas alarms in the MCOS building.

Item No. 3 – Drawing No. E0.1
   A. Added medical gas alarm panel wiring diagram.

Item No. 4 – Drawing No. E1.1
   A. Added callout for work in tank storage 125.
   B. Reworked conduit underground conduit from main hospital to engineering building.
   C. Added general notes and keyed note 1.
   D. Added Alternate #1 callouts.

Item No. 5 – Drawing No. E1.2
   A. Added Alternate #1 callouts.

Item No. 6 – Drawing No. E1.3
Addendum No. 1

A. Added Alternate #1 callouts.

Item No. 7 – Drawing No. E1.4

A. Added Alternate #1 callouts.

Item No. 8 – Drawing No. E3.1

A. Added Level 1 MCOS Building New Work Plan for Tank Storage 125.
B. Added Alternate #1 callouts.
C. Updated quantity of conduits in keyed note 21.
D. Updated keyed note #1 to include pulling new alarm wiring from devices to the existing and new panels.

Item No. 9 – Drawing No. E3.2

A. Added Alternate #1 callouts.
B. Updated keyed note #1 to include pulling new alarm wiring from devices to the existing and new panels.

Item No. 10 – Drawing No. E3.3

A. Added Alternate #1 callouts.

Item No. 11 – Drawing No. ED1.1

A. Updated keyed note #1.
B. Added keyed note #8.

Item No. 11 – Drawing No. IC1.1

A. Updated ICRA barrier to include Tank Storage 125.

Attachments:
- Bid Form
- E0.1
- E1.1
- E1.2
- E1.3
- E1.4
- E3.1
- E3.2
- E3.3
- ED1.1
- IC1.1

END OF ADDENDUM 01
SECTION 1.A

BID FOR LUMP SUM CONTRACT

Date:____________________________

BID OF
(hereinafter called "Bidder") a corporation* organized and existing under laws of the State of______________________________
a partnership* consisting of__________________________________________________________,
an individual* trading as____________________________________________________________, an joint venture* consisting of________________________________________________________.

*Insert Corporation(s), partnership or individual, as applicable.

TO: Curators of the University of Missouri
    Room L100, General Services Building
    University of Missouri-Columbia
    Columbia, MO 65211

1. Bidder, in compliance with invitation for bids for construction work in accordance with Drawings and Specifications prepared by MCCLURE ENGINEERING, entitled "ALARMS PANEL RELOCATION", project number CP191571, dated JANUARY 30, 2020 having examined Contract Documents and site of proposed work, and being familiar with all conditions pertaining to construction of proposed project, including availability of materials and labor, hereby proposes to furnish all labor, materials and supplies to construct project in accordance with Contract Documents, within time set forth herein at prices stated below. Prices shall cover all expenses, including taxes not covered by the University of Missouri’s tax exemption status, incurred in performing work required under Contract documents, of which this Bid is a part.

Bidder acknowledges receipt of following addenda:

Addendum No. ___________________________ Dated ________________
Addendum No. ___________________________ Dated ________________
Addendum No. ___________________________ Dated ________________
Addendum No. ___________________________ Dated ________________

2. In following Bid(s), amount(s) shall be written in both words and figures. In case of discrepancy between words and figures, words shall govern.

3. BID PRICING
   a. Base Bid:
   The Bidder agrees to furnish all labor, materials, tools, and equipment required to relocate alarm panels from the existing operator’s room to the front desk of Women’s and Children’s hospital; all as indicated on the Drawings and described in these Specifications for sum of:

   ___________________________ DOLLARS ($__________________________).

   b. Additive Alternate Bids:

   Above Base Bid may be changed in accordance with following Alternate Bids as Owner may elect. Alternates are as described in Section 1.H of Project Manual. Alternates are written in a priority order, but Owner is not required to accept or reject in order listed. This is a one (1) contract project, therefore, Alternates shall be studied by each Bidder to determine effect on Bids of Contractor and each Subcontractor and/or Material supplier.
(1) **Additive Alternate No. 1: Medical Gas Alarm Work for the Health Pavilion Building**  
(Briefly describe work included in Alternate) All for sum of:  

DOLLARS ($     ).

4. **PROJECT COMPLETION**
   
a. Contract Period - Contract period begins on the day the Contractor receives unsigned Contract, Performance Bond, Payment Bond, and "Instructions for Execution of Contract, Bonds, and Insurance Certificates." Bidder agrees to complete project within NINETY-EIGHT (98) calendar days from receipt of aforementioned documents. Fifteen (15) calendar days have been allocated in construction schedule for receiving aforementioned documents from Bidder.

   b. Commencement - Contractor agrees to commence work on this project after the "Notice to Proceed" is issued by the Owner. "Notice to Proceed" will be issued within seven (7) calendar days after Owner receives properly prepared and executed Contract documents listed in paragraph 4.a. above.

   c. Refer to Special Scheduling Requirements in Special Conditions for specific scheduling of the following activities:
      1. Special work times
      2. Medical Gas System work
      3. Incidental Floor Work (work in other occupied spaces for utility tie-ins)
      4. Utility Shut-downs, Outages and Tie-ins
      5. Refuse / Trash Removal and Materials Delivery

5. **SUBCONTRACTOR LIST:**

Bidder hereby certifies that the following subcontractors will be used in performance of Work:

NOTE: Failure to list subcontractors for each category of work identified on this form or listing more than one subcontractor for any category of work without designating the portion of work performed by each shall be grounds for rejection of bid. List name, city, and state of designated subcontractor, for each category of work listed in Bid For Lump Sum Contract. If work within a category will be performed by more than one subcontractor, Bidder shall provide name, city, and state of each subcontractor and specify exact portion of work to be performed by each. If acceptance/non-acceptance of Alternates will affect designation of a subcontractor, Bidder shall provide information, for each affected category, with this bid form. If Bidder intends to perform any designated subcontract work by using Bidder's own employees, then Bidder shall list their own name, city, and state. The bidder may petition the Owner to change a listed subcontractor only within 48 hours of the bid opening. See Information For Bidders Section 16 List of Subcontractors for requirements.

<table>
<thead>
<tr>
<th>Work to be performed</th>
<th>Subcontractor Name, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Contractor</td>
<td></td>
</tr>
<tr>
<td>UL / FM Certified Fire Stopping Contractor</td>
<td></td>
</tr>
</tbody>
</table>
A Diversity Participation goal of **10% combined MBE, WBE, DBE and VET Owned Business; and a 3% SDVE** has been established for this contract.

### 6. SUPPLIER DIVERSITY PARTICIPATION GOALS

a. The Contractor shall have as a combined goal subcontracting with Minority Business Enterprise (MBE), Women Business Enterprise (WBE), Disadvantage Business Enterprise (DBE), and/or Veteran Owned Business of **TEN PERCENT (10%)**; and with Service Disabled Veteran Owned Business (SDVE) of **THREE PERCENT (3%)** of awarded contract price for work to be performed.

b. Requests for waiver of this goal shall be submitted on the attached Application For Waiver form. A determination by the Director of Facilities Planning & Development, UM, that a good faith effort has not been made by Contractor to achieve above stated goal may result in rejection of bid.

c. The Undersigned proposes to perform work with following Supplier Diversity participation level:

   **MBE, WBE, DBE, and/or VETERAN PERCENTAGE PARTICIPATION:** __________________________ percent (________%)

   **SDVE PERCENTAGE PARTICIPATION:** __________________________ percent (________%)  

d. A Supplier Diversity Compliance Evaluation form shall be submitted with this bid for each diverse subcontractor to be used on this project.

### 7. BIDDER'S ACKNOWLEDGMENTS

a. Bidder declares that he has had an opportunity to examine the site of the work and he has examined Contract Documents therefore; that he has carefully prepared his bid upon the basis thereof; that he has carefully examined and checked bid, materials, equipment and labor required thereunder, cost thereof, and his figures therefore. Bidder hereby states that amount, or amounts, set forth in bid is, or are, correct and that no mistake or error has occurred in bid or in Bidder's computations upon which this bid is based. Bidder agrees that he will make no claim for reformation, modifications, revisions or correction of bid after scheduled closing time for receipt of bids.

b. Bidder agrees that bid shall not be withdrawn for a period of **SIXTY (60) days** after scheduled closing time for receipt of bids.

c. Bidder understands that Owner reserves right to reject any or all bids and to waive any informalities in bidding.

d. Accompanying the bid is a bid bond, or a certified check, or an irrevocable letter of credit, or a cashier's check payable without condition to "The Curators of the University of Missouri" which is an amount at least equal to five percent (5%) of amount of largest possible total bid herein submitted, including consideration of Alternates.

e. Accompanying the bid is a Bidder's Statement of Qualifications. Failure of Bidder to submit the Bidder's Statement of Qualifications with the bid may cause the bid to be rejected. Owner does not maintain Bidder's Statements of Qualifications on file.

f. It is understood and agreed that bid security of two (2) lowest and responsive Bidders will be retained until Contract has been executed and an acceptable Performance Bond and Payment Bond has been furnished. It is understood and agreed that if the bid is accepted and the undersigned fails to
execute the Contract and furnish acceptable Performance/Payment Bond as required by Contract Documents, accompanying bid security will be realized upon or retained by Owner. Otherwise, the bid security will be returned to the undersigned.

8. BIDDER'S CERTIFICATE

Bidder hereby certifies:

a. His bid is genuine and is not made in interest of or on behalf of any undisclosed person, firm or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation.

b. He has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid.

c. He has not solicited or induced any person, firm or corporation to refrain from bidding.

d. He has not sought by collusion or otherwise to obtain for himself any advantage over any other Bidder or over Owner.

e. He will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin in connection with performance of work.

f. By virtue of policy of the Board of Curators, and by virtue of statutory authority, a preference will be given to materials, products, supplies, provisions and all other articles produced, manufactured, mined or grown within the State of Missouri. By virtue of policy of the Board of Curators, preference will also be given to all Missouri firms, corporations, or individuals, all as more fully set forth in "Information For Bidders."
9. **BIDDER'S SIGNATURE**

Note: All signatures shall be original; not copies, photocopies, stamped, etc.

<table>
<thead>
<tr>
<th>Authorized Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name</td>
<td>Title</td>
</tr>
<tr>
<td>Company Name</td>
<td></td>
</tr>
<tr>
<td>Mailing Address</td>
<td></td>
</tr>
<tr>
<td>City, State, Zip</td>
<td></td>
</tr>
<tr>
<td>Phone No.</td>
<td>Federal Employer ID No.</td>
</tr>
<tr>
<td>Fax No.</td>
<td>E-Mail Address</td>
</tr>
</tbody>
</table>

Circle one: Individual  Partnership  Corporation  Joint Venture

If a corporation, incorporated under the laws of the State of__________

Licensed to do business in the State of Missouri? ____yes _____no

(Each Bidder shall complete bid form by manually signing on the proper signature line above and supplying required information called for in connection with the signature. Information is necessary for proper preparation of the Contract, Performance Bond and Payment Bond. Each Bidder shall supply information called for in accompanying "Bidder's Statement of Qualifications.")

**END OF SECTION**
REFER TO SHEET E3.1 FOR AN ENLARGED PLAN OF THIS AREA

RAULAND RESPONDER V NURSE CALL HEAD END PANEL

ROUTE WIRING TO MEDICAL GAS ALARMS AND LINK TO CONTROL PANEL THROUGH ENGINEERING BUILDING IN NEW CONDUIT

APPROXIMATE LOCATION OF THREE (3) 2" UNDERGROUND CONDUITS FROM THE ELECTRICAL ROOM TO A PULL BOX ON THE EXTERIOR OF THE ENGINEERING BUILDING

APPROXIMATE LOCATION OF FOUR (4) 2" UNDERGROUND CONDUITS FROM THE ELECTRICAL ROOM TO A PULL BOX ON THE EXTERIOR OF THE ENGINEERING BUILDING

ALL WORK IN THIS AREA SHALL BE PART OF ALTERNATE #1.

FIRE AND SMOKE BARRIERS ARE SHOWN ON THIS PLAN FOR REFERENCE. REFER TO THE LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION.

1. 2 HOUR FIRE BARRIER
2. 1 HOUR FIRE BARRIER
3. SMOKE BARRIER

LEGEND:

IT IS THE INTENT OF THIS PROJECT TO UTILIZE EXISTING SPARE UNDERGROUND CONDUITS FROM THE HOSPITAL TO THE ENGINEERING BUILDING FOR ALL NEW WIRING. CONTRACTOR SHALL RUN NEW CONDUIT FROM PULL BOXES TO DEVICES.

KEYED NOTES:

1. REFER TO SHEET E1.1, E1.2, E1.3, AND E1.4 FOR PROPOSED CONDUIT ROUTING TO THE NEW AREA ALARM PANEL AND EXISTING ENGINEERING BUILDING MASTER ALARM PANEL.

GENERAL NOTES:

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DATE:
PROJECT #:
DRAWN BY:
CHECKED BY:

REVISIONS

NO
DATE
DESCRIPTION

CP191571 (HP19214) - PANEL RELOCATION
UNIVERSITY OF MISSOURI COLUMBIA WOMEN'S AND CHILDREN'S HOSPITAL
404 N. KEANE STREET
COLUMBIA, MO
1000 Clark Avenue
Saint Louis, Missouri 63102
T 314-645-6232

MEP Engineers:

2017 McClure Engineering
Professional Engineering Corporation
Missouri State Certificate of Authority #000087

AUSTIN P. STRIEKER
PE-2014032649
PRELIMINARY NOT FOR CONSTRUCTION

LEVEL 1 ELECTRICAL NEW WORK PLAN

SCALE: 1/16"=1'-0"
REFER TO SHEET E3.3 FOR AN ENLARGED PLAN OF THIS AREA.

ALL WORK IN THIS AREA SHALL BE PART OF ALTERNATE #1.

FIRE AND SMOKE BARRIERS ARE SHOWN ON THIS PLAN FOR REFERENCE. REFER TO THE LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION.

1. 2 HOUR FIRE BARRIER
2. 1 HOUR FIRE BARRIER
3. SMOKE BARRIER

LEGEND:
LEVEL 1 MECHANICAL ROOM 1056 NEW WORK PLAN

LEVEL 1 MECHANICAL 1184 NEW WORK PLAN

LEVEL 1 PARTIAL ELECTRICAL NEW WORK PLAN

LEVEL 1 ELEVATOR LOBBY NEW WORK PLAN

LEVEL 1 ELEC 1025 NEW WORK PLAN

LEVEL 1 MCOS BUILDING NEW WORK PLAN

LEVEL 1 ELEC 1036 NEW WORK PLAN

LEVEL 1 ELEC 1025 NEW WORK PLAN

LEVEL 1 ELEC 1035 NEW WORK PLAN

LEVEL 1 ELEC 1034 NEW WORK PLAN

LEVEL 1 ELEC 1033 NEW WORK PLAN

LEVEL 1 ELEC 1032 NEW WORK PLAN

LEVEL 1 ELEC 1031 NEW WORK PLAN

LEVEL 1 ELEC 1030 NEW WORK PLAN

LEVEL 1 ELEC 1029 NEW WORK PLAN

LEVEL 1 ELEC 1028 NEW WORK PLAN

LEVEL 1 ELEC 1027 NEW WORK PLAN

LEVEL 1 ELEC 1026 NEW WORK PLAN

LEVEL 1 ELEC 1025 NEW WORK PLAN

LEVEL 1 ELEC 1024 NEW WORK PLAN

LEVEL 1 ELEC 1023 NEW WORK PLAN

LEVEL 1 ELEC 1022 NEW WORK PLAN

LEVEL 1 ELEC 1021 NEW WORK PLAN

LEVEL 1 ELEC 1020 NEW WORK PLAN

LEVEL 1 ELEC 1019 NEW WORK PLAN

LEVEL 1 ELEC 1018 NEW WORK PLAN

LEVEL 1 ELEC 1017 NEW WORK PLAN

LEVEL 1 ELEC 1016 NEW WORK PLAN

LEVEL 1 ELEC 1015 NEW WORK PLAN

LEVEL 1 ELEC 1014 NEW WORK PLAN

LEVEL 1 ELEC 1013 NEW WORK PLAN

LEVEL 1 ELEC 1012 NEW WORK PLAN

LEVEL 1 ELEC 1011 NEW WORK PLAN

LEVEL 1 ELEC 1010 NEW WORK PLAN

LEVEL 1 ELEC 1009 NEW WORK PLAN

LEVEL 1 ELEC 1008 NEW WORK PLAN

LEVEL 1 ELEC 1007 NEW WORK PLAN

LEVEL 1 ELEC 1006 NEW WORK PLAN
1. Refer to Sheet E1.1, E1.2, E1.3, and E1.4 for proposed conduit routing to the new area alarm panel and existing engineering building master alarm panel.

2. Coordinate all final terminations and shut-downs with the engineering staff prior to construction activities.

3. Replace the existing panel with the new Beacon Medaes Total Alert Infinity panel. Cut and patch drywall as needed to accommodate the new panel. Paint to match adjacent wall.

4. No work required to the existing endoscopy medical gas area alarm panel.

5. New soffit and conduit for medical gas wiring to penthouse of Mcos building. Paint new soffit to match existing wall. Patch and paint all disturbed areas to match existing walls. Confirm final paint color and finish with owner prior to commencement of activities.

Keyed Notes:

1. Except for when transitioning from underground to above ground or at the end of a spool, wires shall not be spliced.

General Notes:

1. Provide new (2) 2/C #14, twisted shielded wiring, in 3/4" EMT (conduit out to the nearest accessible ceiling), from each of the following existing medical gas alarms to both the new panel (lobby L1101) and operator's room (1079) location.

- Sub-sterile 2273 - CO2 manifold
- Medical gas manifold 2126B - CO2 manifold
- Medical gas manifold 2126B - N2 manifold
- Mech. Room M2000 - Beacon Medaes Lifeline Medical Air Compressor
- MCOS Bldg. - Oxygen manifold
- MCOS Bldg. - N2 manifold
- MCOS Bldg. - CO2 manifold
- Existing MCOS building medical gas area alarm panel. Replace existing panel with new Beacon Medaes Total Alert Infinity panel. Cut and patch drywall as needed to accommodate new panel. Paint to match adjacent wall.

- Existing MCOS building generator annunciator panel. No work required.

- Existing endoscopy medical gas area alarm panel. No work required.

- Confirm final paint color and finish with owner prior to commencement of activities.

- Coordinate all final terminations and shut-downs with the engineering staff prior to construction activities.

- Except for when transitioning from underground to above ground or at the end of a spool, wires shall not be spliced.

- Provide new (2) 2/C #14, twisted shielded wiring, in 3/4" EMT (conduit out to the nearest accessible ceiling), from each of the following existing medical gas alarms to both the new panel (lobby L1101) and operator's room (1079) location.
Provide new 2/C#14, twisted shielded wiring, in 3/4" EMT (conduit out to the nearest accessible ceiling), from each of the following existing medical gas alarms to the new area alarm panel location. Except for when transitioning from underground to above ground or at the end of a spool, wires shall not be spliced. Coordinate all final terminations and shutdowns with the engineering staff prior to construction activities.

· MECH. ROOM M3000 - BEACON MEDAES MEDICAL VACUUM
· MCOS BLDG. - MEDICAL AIR COMPRESSOR
· MCOS BLDG. - MEDICAL VACUUM

Provide new 2/C#14, twisted shielded wiring, in 3/4" EMT (conduit out to the nearest accessible ceiling), from each of the following existing medical gas alarms to the existing engineering building master alarm panel location. Except for when transitioning from underground to above ground or at the end of a spool, wires shall not be spliced. Coordinate all final terminations and shutdowns with the engineering staff prior to construction activities.

· MCOS BLDG. - MEDICAL AIR COMPRESSOR
· MCOS BLDG. - MEDICAL VACUUM

New soffit and conduit for medical gas wiring to penthouse of MCOS building. Paint new soffit to match existing wall. Patch and paint all disturbed areas to match existing walls. Confirm final paint color and finish with owner prior to commencement of activities.

Keyed Notes:
1. Refer to sheet E1.1, E1.2, E1.3, and E1.4 for proposed conduit routing to the new area alarm panel and existing engineering building master alarm panel.

General Notes:
3.
4.
5.
6.
7.
8.