TO CONTRACT DOCUMENTS ENTITLED:

PROJECT MANUAL FOR:

University of Missouri Teaching Hospital
AHU S2-8 Replacement

PROJECT NUMBER: CP162661

ADVERTISEMENT DATE: May 2, 2019

PREPARED FOR: The Curators of the University of Missouri

CONSULTANT: The Clark Enersen Partners
2020 Baltimore Avenue
Suite 300
Kansas City, Missouri 64108
(816) 474-8237

Drawings and Specifications for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

SPECIFICATION CHANGES:

1. Advertisement For Bids
   a. Change the date listed for bids to be received to June 12, 2019. All other information related to the receipt and opening of bids remains the same.
   b. An additional walk-through of the site will be held at 9:00 a.m. C.T., June 4, 2019 in the Main Lobby, University of Missouri Hospital, Columbia, Missouri. All interested bidders are invited to attend this meeting.

2. Bid for Lump Sum Contract
   a. Acknowledgement of Receipt of Addenda
      i. Extra lines have been added to accommodate additional addenda.
   b. Allowance
      i. Bidder shall include in the base bid sum an allowance of $25,000 for Asbestos Abatement. This allowance amount shall not include contractor’s overhead and profit. The Contractor shall include overhead and profit on the allowance amount in his bid. Asbestos surveys will be provided for reference in future addendum.

3. Alternates
   a. Additive Alternate No. 1 for Phase 2 scope of work is removed from the project. Alternate section will be updated and reissued in future addendum.

DRAWING CHANGES:

1. Phase 1 Site Staging Plan for Crane Use- Air Handling Unit Installation
   a. Reference image of Sheet AS100 from West Wing Project CP150492 for mark-ups indicating
location of lay-down area and crane parking location as required for installation of new AHU S2-8. **Background sheet for reference only.**

2. Phase 1 Site Staging Plan for Lift Use - Curtainwall Removal and Reinstallation
   a. Reference image of Sheet AS100 from West Wing Project CP150492 for mark-ups indicating location of staging area and lift parking location for removal and reinstallation of curtainwall as required for installation of new AHU S2-8. **Background sheet for reference only.**

3. Sheet A1.11 – Second Floor Demolition Plan – Phase 1
   a. Add notes #D10 & #D11 to demolition plan.
   b. Add note #D10 to Demolition Key Notes Schedule: Remove and replace portion of curtain wall in hatched area as required for installation of new mechanical unit.
   c. Add note #D11 to Demolition Key Notes Schedule: Remove and replace metal stud and drywall framing behind spandrel glazing in hatched area as required for installation of new mechanical unit.

4. Sheet A1.12 – Second Floor Plan – Phase 1
   a. Add notes #8 & #9 to demolition plan.
   b. Add note #8 to Key Notes Schedule: Reinstall or replace portion of curtain wall framing and glazing to match existing as required where removed for installation of new mechanical unit.
   c. Add note #9 to Key Notes Schedule: Reinstall portion of gyp. bd. and metal stud framing to match existing as required where removed for installation of new mechanical unit.

5. Sheet A1.14 – Exterior Elevation, Section Details, & Door Schedule and Details
   a. Update elevation 2/A1.14 Louver Infill Elevation to indicate the removal and replacement of the portion of the existing curtain wall as required for installation of new mechanical unit.
   b. Updated detail 3/A1.14 Detail Section to indicate the removal and replacement of the portion of the existing curtain wall as required for installation of new mechanical unit.

**Attachments:** Bid Form (Bid for Lump Sum Contract), Phase 1 Site Staging Plan for Crane Use – Air Handling Unit Installation, Phase 1 Site Staging Plan for Lift Use – Curtain Wall Removal and Reinstallation, A1.11, A1.12, A1.14.

END OF ADDENDUM # 004
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 ____________________________________________________________________________
a joint venture* consisting of ____________________________________________________________________________

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

TO: Curators of the University of Missouri
    Campus Facilities, Planning, Design and Construction
    General Services Building
    Room L100
    University of Missouri
    Columbia, Missouri 65211

1. Bidder, in compliance with invitation for bids for construction work in accordance with Drawings and Specifications prepared by THE CLARK ENERSEN PARTNERS, entitled "UNIVERSITY OF MISSOURI TEACHING HOSPITAL – AHU S2-8 REPLACEMENT", project number CP162661, dated MAY 2, 2019 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, 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 ____________
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 procure and install new rooftop mechanical equipment, remove existing mechanical and electrical equipment and renovate and fire sprinkle all areas served by new air handling equipment on 1st, 2nd and 3rd floors; 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: Provide all Phase 2 scope of work per contract documents. All for sum of:

   __________________________________________ DOLLARS ($______________).

2. Additive Alternate No. 2: Provide additional 2nd floor Phase 1 demolition. All for sum of:

   __________________________________________ DOLLARS ($______________).

c. Unit Prices:

   (1) None

d. Allowance:

   Bidder shall include in the base bid sum an allowance of _____ $25,000 ____ for Asbestos Abatement. This allowance amount shall not include contractor's overhead and profit. The Contractor shall include overhead and profit on the allowance amount in his bid.

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 Phase 1 of the project within one hundred and ninety-seven (197) 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. Liquidated Damages – NOT USED

   d. Refer to Scheduling Requirements in Special Conditions for specific scheduling of the following activities:

      1. Special Work Times
      2. Incidental Floor Work
      3. Crane Work
      4. HVAC Testing, Adjusting and Balancing
      5. Utility Shut-downs, Outages and Tie-ins
      6. 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>Mechanical / HVAC Contractor</td>
<td>________________________________</td>
</tr>
<tr>
<td>Electrical Contractor</td>
<td>________________________________</td>
</tr>
<tr>
<td>Fire Sprinkler Contractor</td>
<td>________________________________</td>
</tr>
<tr>
<td>Fire Stopping Contractor</td>
<td>________________________________</td>
</tr>
</tbody>
</table>

6. **SUPPLIER DIVERSITY PARTICIPATION GOALS**

a. The Contractor shall have as a goal, subcontracting with Minority Business Enterprise (MBE) of ten (10%), with Service Disabled Veteran Owned Business (SDVE) of three percent (3%); and with Women Business Enterprise (WBE), Disadvantage Business Enterprise (DBE), and/or Veteran Owned Business of ten (10%) 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 PERCENTAGE PARTICIPATION: __________ percent (_______%)
   SDVE PERCENTAGE PARTICIPATION: __________ percent (_______%)
   WBE, DBE, and VETERAN 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 ninety (90) 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."
Phase 1 Site Staging Plan for Crane Use – Air Handling Unit Installation
Phase 1 Site Staging Plan for Lift Use – Curtainwall Removal and Reinstallation
**GENERAL DEMOLITION NOTES**

- **Communication:** Maintain open communication with all trades and owners prior to demolition.
- **Temporary Enclosures:** Provide temporary enclosures as required to protect work and personnel.
- **Asbestos Abatement:** If asbestos is discovered, perform abatement under separate contract.
- **Safety Plan:** Develop and implement a safety plan for asbestos removal.

**DEMOLITION KEY NOTES**

- **Asbestos Abatement:** Asbestos removal should be handled by a certified contractor.
- **Lead Paint:** Look for lead paint in the construction industry and follow OSHA regulations.

- **Clean-Up:** Dispose of debris daily and clean areas of work upon completion.
- **Contractor Responsibility:** The contractor is responsible for the installation of new MEP work and chase wall construction.

- **Special Notes:** Coordinate all demolition work between all trades.
- **New Work:** Prepare spaces for new work to proceed.

**Owner's Responsibility:**

- **First Right of Refusal:** The owner shall have first right of refusal of all materials.
- **Damage:** The owner shall be responsible for damage to existing materials.

**Contractor's Responsibility:**

- **Coordination:** Coordinate all demolition work with the architect and owner.
- **Material Removal:** Ensure all materials removed are properly documented.

**Additional Information:**

- **Electrical Sheets:** See also reflected ceiling plans, mechanical sheets, and electrical sheets for additional demolition information.
- **Building Security:** Access to the building shall be restricted to authorized personnel.

**Notes:**

- **Abandoned Piping, Conduit, Wiring:** Contractor to remove abandoned piping, conduit, wiring, and ductwork, and reroute existing piping.
- **Original Condition:** The contractor is responsible for damage to existing conditions.

**References:**

- **Electrical Finishers:** The electrical finishers are responsible for dust-free cleaning of exposed surfaces.
- **Lead Paint:** The contractor is advised that lead paint can be present on older painted surfaces and is responsible to comply with federal standards.

**Special Instructions:**

- **Temporary Enclosures:** Use temporary enclosures as required to protect work and personnel.
- **Disruption:** Disruption in the construction area shall be kept to a minimum.

**Architectural Notes:**

- **Dimensional Notes:** All dimensions are in feet and inches, exterior walls are enclosed.

**Contract Documents:**

- **UM Project:** CP162661
- **TCEP No.:** 625-133-16
- **University of Missouri:** Teaching Hospital AHU 12-8 Replacement

**Contact Information:**

- **Brown Peterson Architects:** Kansas City, Missouri
- **Preconstruction Services:** 2020 Baltimore Avenue, Suite 300
  - Phone: 816 474.8237
  - Fax: 816 474.8233

**Issue Date:**

- **05/17/2019 ADD #02**
- **05/29/2019 ADD #04**

**Plan:**

- **Phase 1**
- **Teaching Hospital AHU**
- **University of Missouri**

**Notations:**

- **A - 04**
- **A - 02**

**Plans:**

- **Interiors**
- **Architecture**
- **Landscape Architecture**

**Plan Status:**

- **Issue 1.11**
- **May 2, 2019**
1. The contractor shall verify all existing dimensions and conditions prior to commencement of the work. It shall be the contractor's responsibility to coordinate installation of new work within these existing conditions. Any deviations in existing conditions of dimensions indicated shall be coordinated with the architect and owner's representative in order to modify plans accordingly.

2. All dimensions are to face of gypsum board and face of existing walls.

3. New ceilings in existing building shall be installed at existing height, unless otherwise noted.

4. Contractor to remove abandoned piping, conduit, wiring, and ductwork, and reroute existing to remain piping, conduit, wiring, and ductwork as required to install new ductwork as close to structure as possible. Ref: Mech & Elec. Drawings

5. Temporary exit door. Match existing type & finish. Install prior to beginning construction.

6. Infill and patch wall to maintain 1-hour Fire Rating. Seal around all penetrations. Coordinate with mechanical.

7. Infill and patch shaft wall around duct penetration. Seal around all penetrations to maintain fire rating per code plan. Coordinate with mechanical.

8. Reinstall or replace portion of curtain wall framing and glazing to match existing as required where removed for installation of new mechanical unit.

9. Reinstall portion of gypsum board and metal stud framing to match existing as required where removed for installation of new mechanical unit.

Scale: 1/8" = 1'-0"
DOOR & FRAME TYPE GENERAL NOTES

1. ALL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS TO BE PROVIDED BY SUPPLIER W/ DOOR & FRAME TYPE.
2. VERIFY HOLLOW METAL FRAME FINISH WITH FINISH SCHEDULE.
3. REFER TO WALL TYPE THICKNESS FOR THROAT DEPTHS OF HOLLOW METAL DOOR AND WINDOW FRAMES INSTALLED IN PRECAST, CAST IN PLACE OR C.M.U. WALLS SHALL HAVE A STANDARD 6" INSUL. IN FRAME.
4. ALL INTERIOR HOLLOW METAL DOOR FRAMES SHALL BE GROUTED FULL. COORDINATE WITH ELECTRICAL TRADES, FINISH HARDWARE AND ELECTRONIC EQUIPMENT.
5. REFER TO WALL TYPE SIM. WHERE REMOVED FOR PENETRATIONS OF SEALANT, SEAL AT END DAM SET IN BED SEALS.
6. HO LOW METAL DOOR AND WINDOW FRAMES INSTALLED IN STEEL STUD WALLS W/ GYPSUM. HOLLOW METAL DOOR AND WINDOW FRAMES INSTALLED IN DIFFERENT MATERIALS TO BE CLEARLY INDICATED ON DRAWING.

DOOR SCHEDULE

<table>
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<tr>
<th>Door Number</th>
<th>Door Type</th>
<th>Height</th>
<th>Width</th>
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<tbody>
<tr>
<td>1</td>
<td>Metal</td>
<td>6' 8&quot;</td>
<td>3' 0&quot;</td>
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</tbody>
</table>

DOOR REMARKS

1. DOOR DETAIL @ METAL STUD
2. HOLLOW METAL FRAME TYPES
3. WOOD DOOR TYPES

DOOR HARDWARE SCHEDULE

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<tr>
<th>Door Number</th>
<th>Narrow Jamb</th>
<th>Head Jamb</th>
<th>Sill</th>
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<tbody>
<tr>
<td>1</td>
<td>8144SBK PSA</td>
<td>8144SBK PSA</td>
<td>8144SBK PSA</td>
</tr>
</tbody>
</table>

DOOR & FRAME TYPE SPECIFICATIONS

1. ALL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS TO BE PROVIDED BY SUPPLIER W/ DOOR & FRAME TYPE.
2. VERIFY HOLLOW METAL FRAME FINISH WITH FINISH SCHEDULE.
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