TO CONTRACT DOCUMENTS ENTITLED:

CP192061 3315 Berrywood – Medical Center Renovation
at
3315 Berrywood Drive
Columbia, MO 65202

Advertisement Date: October 22, 2018

Prepared for: The Curators of the University of Missouri

Consultants:

ARCHITECT          CIVIL/STRUCTURAL ENGINEER          MEP ENGINEER
Simon Oswald Architecture   Crockett Engineering     SSC Engineering
2801 Woodard Drive, Suite 103  1000 West Nifong Blvd, Bldg 1  18207 Edison Avenue
Columbia, MO 65202           Columbia, MO 65203       Chesterfield, MO 63005
573-443-1407                573-447-0292               636-530-7770

Drawings and Specifications for the above referenced 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:

GENERAL:

1) Bids will be received until 1:30 p.m., C.T., November 21, 2019 at the General Services Building, Room L100 (Front Reception Desk) as outlined in the Advertisement For Bids.
2) Pre-Bid Meeting Attendance Record is attached for reference.
3) Bidder Question #1: Is Trane an acceptable manufacturer for Neutral Air Units?
   a) Response: Trane is an acceptable manufacturer for the Neutral Air Units noted in specification 230606.
4) Bidder Question #2: We have some contractors bidding this project. Can you please add Valent as an equal alternate for Neutral Air Units, Section 23 0606? Also, would you accept a Lennox mini-split system as an equal alternate for the IT room.
   a) Response: Valent is an acceptable manufacturer for the Neutral Air Units noted in specification 230606. Lennox is an acceptable manufacturer for the mini-split system.

PROJECT MANUAL:

1) Section 1.E Special Conditions:
   a) REVISE Paragraph 2a Special Scheduling Requirements to add the following: “Work in adjacent tenant suite shall occur during non-business hours to avoid disruption to tenants in the occupied spaces. The fire sprinkler main work in the existing garage can occur during business hours.”

DRAWINGS:

1) A201: FIRST FLOOR PLANS
   a) REVISE First Floor Demolition Plan to add keyed note 30 for ceiling tile removal and replacement in adjacent tenant spaces.
   b) REVISE keyed notes to add notes 30 and 31.
   c) Replace sheet in its entirety.
2) A202: SECOND FLOOR PLAN - DEMO
   a) REVISE Second Floor Demolition Plan to add keyed note 31 for drywall removal at exterior walls for electrical work.
   b) REVISE keyed notes to add notes 30 and 31.
   c) REVISE general note 6 to clarify batt insulation on existing ceiling tiles shall be removed.
   d) Replace sheet in its entirety.
3) **A203: SECOND FLOOR PLAN - RENO**
   a) **REVISE** Second Floor – New Work plan to add keyed note 14 at locations where drywall patching is required due to new power and data device installation.
   b) Replace sheet in its entirety.

4) **A204: REFLECTED CEILING PLANS**
   a) **REVISE** sheet to add Partition Types to coordinate with partition tags on floor plans.
   b) Replace sheet in its entirety.

5) **FP102: FIRE PROTECTION SECOND FLOOR PLAN - RENO**
   a) **REVISE** floor plan to add note to remove existing domestic sprinkler on second floor.
   e) Replace sheet in its entirety.

6) **PD101: PLUMBING FIRST FLOOR PLAN - DEMO**
   a) **REVISE** plan to reflect location of existing water heater and associated routing of domestic water piping and demolition work.
   e) Replace sheet in its entirety.

7) **P101: PLUMBING FIRST FLOOR PLAN - RENO**
   a) **REVISE** plan to reflect location of existing water heater and associated routing of domestic water piping and demolition work.
   b) **REVISE** plan to reflect routing of waste and vent piping associated with new sink.
   e) Replace sheet in its entirety.

8) **E002: ELECTRICAL ONE-LINE DIAGRAM**
   a) **REVISE** new feeder source for new panel P3 to be from existing panel P1 and not P2 as previously indicated.
   e) Replace sheet in its entirety.

9) **E102: ELECTRICAL SECOND FLOOR LIGHTING PLAN - RENO**
   a) **REVISE** lighting plan to add nine (9) dimmer switches to Exam Rooms and relocated one (1) dimmer switch to latch side of door.
   e) Replace sheet in its entirety.

10) **E202: ELECTRICAL SECOND FLOOR POWER AND DATA PLAN - RENO**
    a) **REVISE** power and data plan to revise location of twelve (12) receptacles in Exam Rooms.
    e) Replace sheet in its entirety.

**ATTACHMENTS:**
1) Pre-Bid Meeting Attendance Record. Five (5) 8 ½ x 11 sheets.
2) A201: Replace sheet in its entirety.
3) A202: Replace sheet in its entirety.
4) A203: Replace sheet in its entirety.
5) A204: Replace sheet in its entirety.
6) FP102: Replace sheet in its entirety.
7) PD101: Replace sheet in its entirety.
8) P101: Replace sheet in its entirety.
9) E002: Replace sheet in its entirety.
10) E102: Replace sheet in its entirety.

End of Addendum #01
<table>
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<th>Name, Company, Address, Email and Phone Number</th>
<th>General Contractor Yes/No</th>
<th>Sub-Contractor Yes/No</th>
<th>Material Supplier Yes/No</th>
<th>MBE Yes/No</th>
<th>SDVE Yes/No</th>
<th>WBE Yes/No</th>
<th>DBE Yes/No</th>
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<tr>
<td><strong>Gudy Hinspeter</strong>&lt;br&gt;Reinhardt Construction Co&lt;br&gt;627 N Rollins, Centralia, MO 65240&lt;br&gt;<a href="mailto:reinhardt.construction@centurytel.net">reinhardt.construction@centurytel.net</a></td>
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<td><strong>MARC SMITH</strong>&lt;br&gt;QUALITY DRYWALL CONSTRUCTION&lt;br&gt;165 E. Hoedown Dr.&lt;br&gt;Columbia, MO 65203&lt;br&gt;<a href="mailto:mare@qualitydrywall.net">mare@qualitydrywall.net</a></td>
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<tr>
<td><strong>Scotty Undercoffler</strong>&lt;br&gt;Malen, Interior Inc&lt;br&gt;710 Wicket Lane&lt;br&gt;<a href="mailto:Maleninteriors@Earthlink.net">Maleninteriors@Earthlink.net</a></td>
<td>No</td>
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<td><strong>Katie Pruitt</strong>&lt;br&gt;Five Oaks Associates&lt;br&gt;709 N. Allen, Centralia, MO 65240&lt;br&gt;<a href="mailto:admin@5oaksassociates.com">admin@5oaksassociates.com</a></td>
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<td>Brian Demison PLE 5900-C Math Tower Drive Columbia, Mo <a href="mailto:Bdemison@PLE-no.com">Bdemison@PLE-no.com</a> 573-442-1113</td>
<td>Yes</td>
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<td>Dan Linhardt GBH Builders J.C. P.O. Box 945 <a href="mailto:dan@gbhbuilders.com">dan@gbhbuilders.com</a> 573-893-3633</td>
<td>Yes</td>
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<td>Andy Greene Crckett Engineering 447-0194 <a href="mailto:agreene@crockettengineer.com">agreene@crockettengineer.com</a></td>
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<td>Curtis Ditmer Harold G. Butzer, Inc <a href="mailto:CurtisDee@gbButzer.com">CurtisDee@gbButzer.com</a> 573-636-4115</td>
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<td>Weston State MSI Constructors 417-881-0903 <a href="mailto:estimating@msiconstructors.com">estimating@msiconstructors.com</a></td>
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<td>Jesse Wiley Central States Const 573-356-1976 <a href="mailto:kjwiley@cstatesconst.com">kjwiley@cstatesconst.com</a></td>
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<td>Brad Stegeman SSA 573 443 1407</td>
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<td>Keith Temmen Hulet Heating 400 Big Bear Court KTEMENN@hulet heating.com 573-449-3196</td>
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**UNIVERSITY OF MISSOURI**  
**PREBID MEETING ATTENDANCE RECORD**

**PROJECT TITLE:** 3315 Berrywood – Medical Center Renovation  
**PROJECT NUMBER:** CP192016

**DATE:** 10-29-2019

<table>
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<tr>
<th>Name, Company, Address, Email and Phone Number</th>
<th>General Contractor Yes/No</th>
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</table>
| **Mark Crawford**  
Crawford Construction Inc.  
1306 Old Hwy 63 # F  
Columbia, MO  
CRAWFORDMC@MSN.COM  
(573) 875-1250 | Y                          | N                      | N                        | N          | N           | N          | N          |
| **Rikki Bentagnolli**  
GuesTec Mechanical  
1390 Boone Industrial Dr., Suite 260  
Columbia, MO 65202  
estimating@questec.us | N                          | Y                      | y                        | N          | N           | N          | N          |
| **V.T. Hogom PROST BUILDERS**  
3617 Agricultural Route CC, Jefferson City, MO 65109  
VXP@PROSTBUILDERS.COM, estimating@prostbuilders.com | Y                          | N                      |                           |            |             |            |            |
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<td>Aaron Carmichael SIRCAL Contracting 1331 Monroe St, Jefferson City, MO 65233 <a href="mailto:bids@sircalcontracting.com">bids@sircalcontracting.com</a> (573) 893-5977</td>
<td>Yes</td>
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<td>Don Feitz J. Louis Clum 1312 Cleary Shenks Rd. Columbia, MO 65202 573-443-2488</td>
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AT SECOND FLOOR: REMOVE ALL EXISTING CEILING TILES AND GRID. ALSO REMOVE BATT INSULATION ABOVE CEILING.

02 BUILT-IN CASEWORK REMOVE & DISPOSE OF
03 REMOVE AND DISPOSE OF AS INDICATED ON PLUMBING PLANS
04 DEMAND FOUNTAIN REMOVE & DISPOSE OF AS REQUIRED FOR DECOMMISSIONING
05 CAST IRON SPOUTS & METAL OR WOOD STYLES REMOVE & DISPOSE OF
06 HOUSING AND FRAME USING WINDOW - REMOVE AND DISPOSE OF
07 REMOVE A SLAGGER VICTOR SLIDING DOOR WW1400 B1 SWING IN & COMPARE
08 SASHES TO REMOVE
09 CONCRETE SLURRY searches Minority4Refurbishment
10 CARPET TILE & RUBBER BASE REMOVE & DISPOSE OF
11 GLASS PANELS & TUL ALUMINUM REMOVE & DISPOSE OF
12 REMOVAL OF THE TILING IN THE SPA wounded MATERIALS SOMETHING DIFFERENT
13 TILES REMOVE & DISPOSE OF - PROCEED TO REMOVE THE TILES AND RELATED MATERIALS
14 OFFICE CLOSETS REMOVE AS IDENTIFIED OR AS NEEDED
15 GYPSUM BOARD & METAL OR WOOD STUD REMOVE AND DISPOSE OF
16 WINDOW BLINDS REMOVE AND DISPOSE OF
17 CONDL. FLOORING AND HARD GRANITE REMOVAL AS NEEDED OR AS IDENTIFIED OR AS NEEDED
18 TRIMWORK, CEILINGS, AND RELATED THEREAFTER
19 EXISTING DOOR SYSTEM REMOVE & DISPOSE OF - REMOVE ALL DOORS AND RELATED MATERIALS
20 REMOVE EXISTING,非限制性 ADHESIVE TO INSTALL NEW DOORS
21 BIP BY IP, FLOORING REMOVAL AS IDENTIFIED OR AS NEEDED
22 FIRE EXTINGUISHERS REMOVE
23 LP AIR FILL VALVE - REMOVE
24 DECORATIVE SCIENCE - REMOVE & DISPOSE OF
25 WALL TREATMENT IN PLACE - REMOVE & DISPOSE OF
26 PIPING IN CHASE - REMOVE
27 SPECIFY FLOORING AS IDENTIFIED OR AS NEEDED
28 SPECIFY FLOORING AS IDENTIFIED OR AS NEEDED
29 CONCRETE CAPS & SLAB REMOVED AS REQUIRED FOR MECHANICAL SYSTEMS - REMOVE & DISPOSE OF
30 GYPSUM BOARD REMOVAL AS NEEDED
The Seal and Signature apply only to the Document to which they are Affixed, and Expressly Disclaim any Responsibility for all other Plans, Specifications, Estimates, Reports, or other Documents or Instruments relating to or intended to be used for any part or parts of the Architectural or Engineering Project.

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GENERAL NOTES:
1. REFER TO SHEET P001 FOR SYMBOLS, ABBREVIATIONS AND GENERAL CONSTRUCTION NOTES.

KEYED NOTES:
1. EXISTING PLUMBING FIXTURE TO REMAIN.
2. SIZE AND ROUTING OF WASTE PIPE FOR EXISTING FLOOR DRAIN IN MECHANICAL ROOM IS UNKNOWN.
3. WASTE PIPE DOWN IN WALL TO BELOW FLOOR. SIZE AND ROUTING OF WASTE PIPE IS UNKNOWN.
4. THIS SPACE WAS NOT SURVEYED BECAUSE IT WAS LOCKED AND NO ACCESS COULD BE OBTAINED.
5. SAW - CUT FLOOR FOR NEW WASTE PIPE FROM EWC - AND SAW - CUT FLOOR FOR NEW WASTE PIPE FROM EWC - AND CONNECT TO EXISTING WASTE AT EXISTING TOILET ROOMS.
6. COORDINATE WITH BUILDING OWNER AND TENANT FOR WORK TO BE DONE AFTER NORMAL WORKING HOURS.
7. REMOVE AND REPLACE FAUCET AND TRIM, EXISTING FIXTURE TO REMAIN.
8. PROVIDE NEW 3" VENT UP THROUGH FLOOR TO EXISTING TOILET ROOMS, SEE P102.

.coordinate with building owner and tenant for work to be done after normal working hours.

ADD 01 11/05/2019
CU CONDUCTORS

ELECTRICAL GENERAL NOTES:

FEEDER SCHEDULE

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<th>MARK</th>
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OVERCURRENT PROTECTION

- 20A. 20A.

1. ALL MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND HVAC WORK SHALL BE COORDINATED BY THE CONTRACTOR DOING THE WORK. ANY CORRECTIONS TO ANY OF THE ABOVE SHALL BE AT THE CONTRACTOR’S EXPENSE.

2. ALL DISCONNECTS REQUIRED SHALL BE PROVIDED BY THE EC, U.N.O. SEE MECHANICAL SCHEDULE PLAN FOR DISCONNECTS FURNISHED BY OTHERS. REFER TO MANUFACTURER’S DETAILS FOR MECHANICAL EQUIPMENT CONNECTIONS.

3. PROVIDE EQUIPMENT GROUNDING CONDUCTOR IN ALL FEEDERS, Sized IN ACCORDANCE WITH NEC ARTICLE 250.122, SEE SPECIFICATIONS.

4. REFER TO SHEET E000 FOR ADDITIONAL NOTES. ALL CONDUCTORS COPPER UNLESS NOTED OTHERWISE.

5. ALL EXTERIOR ELECTRICAL EQUIPMENT AND DISCONNECT SWITCHES SHALL BE IN RATED NEMA 3R OR 4X ENCLOSURES. FINAL CONDUIT CONNECTIONS TO MECHANICAL EQUIPMENT SHALL BE MADE WITH LFMC.

6. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE UTILITY COMPANY AND PROVIDE EQUIPMENT RATED ACCORDINGLY. SUBMIT FAULT CURRENT CALCULATIONS WITH SHOP DRAWING SUBMITTAL.

7. PROPER CLEARANCE MUST BE MAINTAINED ABOUT ELECTRICAL EQUIPMENT PER N.E.C. FIELD VERIFY EXACT MOUNTING SPACE AVAILABLE IN ELECTRICAL ROOM/AREA PRIOR TO INSTALLATION OF ELECTRICAL EQUIPMENT.

8. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH NEC ARTICLE 110.16 FOR LABELING OF PANELS FOR ARC FLASH HAZARD WARNING.
ELECTRICAL GENERAL NOTES:

1. PROVIDE (2) A/C OUTLETS IN IT ROOM TO SERVICE COMPUTER RACKS.
2. PROVIDE (1) DATA DROP AND (1) DEDICATED ANALOG PHONE LINE FOR COPIER/FAX
   REQUIREMENTS (FOR FIRE ALARM SYSTEM).
3. PROVIDE (3) STI FIRE STOP EX FLUSH TV BOX WITH DUPLEX RECEPTACLE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH STARTING WORK. NOTIFY ENGINEER IMMEDIATELY IF DISCREPANCIES EXIST.

FIELD OBSERVATIONS AND SHALL BE CONSIDERED APPROXIMATE ONLY. VERIFICATION FOR MECHANICAL & PLUMBING EQUIPMENT CONNECTION DETAILS. COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION. LOCATION SHALL BE COORDINATED TO AVOID STRUCTURAL ELEMENTS AND MATCH FURNITURE LOCATIONS.

ELECTRICAL SECONDARY NEEDS:

1. PROVIDE CAT6a CABLE TO IT ROOM.
2. PROVIDE (3) STI FIRE STOP EX FROM CORRIDOR TO IT ROOM.
3. PROVIDE 20A, 208V CIRCUIT FOR SPLIT A/C SYSTEM FOR NEW IT ROOM. INDOOR UNIT OUTDOOR UNIT AND WIRING PER MANUFACTURER'S RECOMMENDATIONS TO INDOOR
4. REFER TO ARCHITECTS TYPICAL ELEVATIONS ON SHEET A503 OF EXAM ROOMS FOR DUPLEX AND (1) DATA OUTLET WITH OWNER PROVIDED V6 MONITOR.

KEYED NOTES:

A. IDENTIFIED ON PLAN AS A KEYED NOTE. DOWNTOWN STATE STREET SUBSTATION TO BE COORDINATED BY THE CONTRACTOR DOING THE WORK. ANY CORRECTIONS SHALL BE AT THE CONTRACTOR’S EXPENSE.

B. 2019-2020 EXAM - B TRTMNT - SCALE: 1/8" = 1'-0"

C. ELECTRICAL SECOND FLOOR POWER AND DATA PLAN - RENO

Client Project CP192061
3315 Berrywood - Medical Center

ELECTRICAL, SECOND FLOOR POWER AND DATA PLAN - RENO

CRL CRICKET

E0202

COLUMBIA, MO 65202

Missouri Certificate of Authority Number: 000826

11/05/2019

573 1000 W NIFONG BLVD., BLDG.

CHESTERFIELD, MO 63005

MEP ENGINEER:

SSC Engineering, Inc.

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