

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Upgrade HVAC and BAS System
Hannibal Community Supervision Center
Department of Corrections
Hannibal, Missouri**

Bid Opening Date: 1:30 PM, Tuesday, December 20, 2022

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. REVISE Section 230900, Instrumentation and Controls, 1.4, System Performance
 - a. "The existing JCI control system has recently been replaced with a new Schneider building automation system. The scope of this project will include the addition of controls for the new chiller and chilled water system to the Schneider temperature control system, including chilled water valves at each air handler. Additionally, the existing VAV boxes with hot water reheat will need to be added to the control system as part of this project. Items that are not in the scope of this project include the hot water boiler system, the exhaust fans, and the air handlers other than the chilled water valves."

2. REVISE Section 232113, Hydronic Piping, 2.3, I
 - a. Grooved, Mechanical joint fittings are allowed
 - b. Source Limitations: Obtain grooved mechanical-joint fittings and couplings from single manufacturer.
 - c. Joint Fittings: ASTM A536, Grade 65-45-12 ductile iron; ASTM A47/A47M, Grade 32510 malleable iron; ASTM A53/A53M, Type F, E, or S, Grade B fabricated steel; or ASTM A106/A106M, Grade B steel fittings with grooves or shoulders constructed to accept grooved-end couplings; with nuts, bolts, locking pin, locking toggle, or lugs to secure grooved pipe and fittings.
 - d. Couplings: Ductile- or malleable-iron housing and gasket of central cavity pressure-responsive design; with nuts, bolts, locking pin, locking toggle, or lugs to secure grooved pipe and fittings.

3. REVISE Section 230900, Sequence of Operations
 - a. DELETE Paragraph 1.1 AHU control
 - b. DELETE Paragraph 1.7 Hot water system control

DRAWING CHANGES:

1. Sheet M-201, Mechanical Floorplan
 - a. REVISE keyed note 4 to: Existing exhaust fans operate 24/7 and will not be added to the existing building automation system.

2. Sheet M-401, Enlarged Plans – Mechanical
 - a. DELETE keyed note 7
 - a. DELETE keyed note 8

3. Sheet M-501, Enlarged Plans – Mechanical Details

- a. REVISE title "Equipment Pad Detail" to "Exterior Equipment Pad Detail"
- b. ADD Interior Equipment Pad Detail

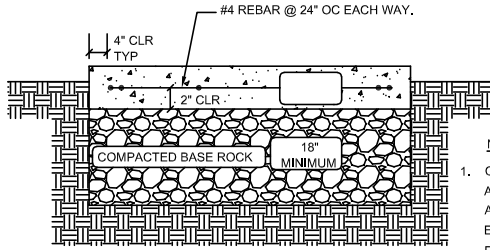
GENERAL COMMENTS:

1. The Pre-Bid Meeting was held Tuesday, November 29th, 2022 followed by a walk-through of the facility. The Pre-Bid Meeting sign-in sheet is attached.
2. Bidders needing additional site inspection should contact Richard Lane at 573-231-2576 to schedule a time.
3. Please contact Paul Girouard, Contract Specialist, at 573-751-4797 or paul.girouard@oa.mo.gov for questions about bidding procedures and MBE\WBE\SDVE goals and submittal requirements.
4. **All bids shall be submitted on the bid forms without additional terms and conditions, modifications, or stipulations. Each space on the bid forms shall be properly filled including a bid amount for the alternate. Failure to do so will result in rejection of the bid.**
5. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. All MBE, WBE, and MBE/WBE contractors, subcontractors, and suppliers must be certified by the State of Missouri, Office of Equal Opportunity. No other certifications from other Missouri certifying agencies will be accepted. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**
6. The deadline for technical questions was December 12th, 2022 at noon.
7. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
8. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
9. Current Planholders list available online at: <https://www.oafmdcplanroom.com/jobs/1573/planholders/c2010-01-replace-bas-hvac-system-supervision-center-bldg-community-supervision-center>
10. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd., Suite 7A, Columbia MO 65203, 573-446-7768 to order official plans and specifications.

ATTACHMENTS:

1. Exterior Pad Detail
2. Interior Pad Detail
3. Pre-Bid Sign In Sheet

END ADDENDUM NO. 1



COORDINATE FINAL SIZE OF PAD WITH EQUIPMENT TO BE PROVIDED. PAD SHALL EXTEND 4 INCHES CLEAR OF THE EQUIPMENT.

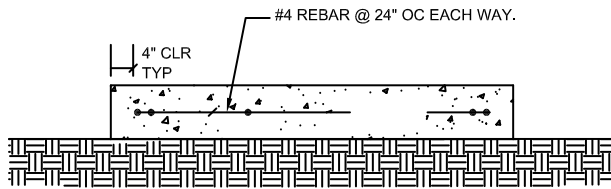
NOTES:

1. CONCRETE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI CODE AND AIR ENTRAINMENT, IT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. THE SAND AND GRAVEL ARE TO BE CLEAN AND HARD, THE AIR ENTRAPMENT SHALL BE 4 TO 7% BY VOLUME. THE MIX SHALL HAVE 5 BAGS OF PORTLAND CEMENT TYPE-1 PER CUBIC YARD OF CONCRETE.
2. PAD SHALL BE POURED MONOLITHICALLY, WITH NO COLD JOINTS.
3. NO FOOTING IS TO BE EXCAVATED WITHOUT HAVING REINFORCING AND CONCRETE READY TO PLACE WITHIN THAT WORKING DAY.
4. ALL REINFORCING BARS SHALL BE DEFORMED #4 BILLET STEEL CONFORMING TO ASTM A615, GRADE 60, BARS SHALL BE FREE OF ANY GREASE, RUST, OR SCALE AT THE TIME OF PLACEMENT. THE ALL STEEL AT INTERSECTIONS, SPACING SHALL NOT EXCEED 24" ON CENTERS.
5. TOP SURFACES OF CONCRETE SHALL HAVE A BROOM FINISH.
6. PAD 6" ABOVE GROUND.

EXTERIOR EQUIPMENT PAD DETAIL
NO SCALE

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COORDINATE FINAL SIZE OF PAD
WITH EQUIPMENT TO BE PROVIDED.
PAD SHALL EXTEND 4 INCHES CLEAR
OF THE EQUIPMENT.

PAD MAY BE DOWELED INTO EXISTING
ADJACENT PAD UTILIZING REBAR (#4)
AND EPOXY

NOTES:

CONCRETE SHALL BE IN ACCORDANCE WITH
THE LATEST EDITION OF THE ACI CODE

INTERIOR EQUIPMENT PAD DETAIL

NO SCALE

Pre-Bid Meeting Attendance Sheet
Replace BAS and HVAC System
Community Supervision Center
Hannibal, MO
Project No. C2010-01
11/29/22 1000

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Chris Lloyd Project Manager <i>CL</i>	OA FMDC	573-526-0160	Christopher.lloyd@oa.mo.gov
Michael Hoff <i>MH</i>	RTM Engineering	314-725-5589	Michael.hoff@rtmec.com
Carl Haley	OA FMDC	573-526-0473	Carl.haley@oatmo.gov
DUSTIN COOPER	OA FMDC	573-536-1692	dustin.cooper@oa.mo.gov
Richard Lane MS1 HCSC	DOC	573-531-2576	Richard.Lane@doc.mo.gov
Barry Wright MS1 Dustin Hankins	Doc Harold C. Butzer	573-406-8335 573-690-2645	Barry.Wright@doc.mo.gov Dustinh@kgbutzer.com

Pre-Bid Meeting Attendance Sheet
Replace BAS and HVAC System
Community Supervision Center
Hannibal, MO
Project No. C2010-01
11/29/22 1000

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Matt Mayhew	IFS Mech	573-999-7357	mattm@ifs.com
Clayton White	IFS	573-888-0352	
Jesse Kirkwood	Natyva CC	(816) 560-5251	jessk@natyva.com
RYAN REILZ	Reilz HVAC	1-573-221-6555	rreilz@reilzhvac.com
Jeremy Wilhelm	United Mechanical Services	573-298-9999 573-536-1656	jeremy.wilhelm@unitedmech.com