

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Replace Automatic Transfer Switch and Service Generator
Northeast Correctional Center
Bowling Green, Missouri
PROJECT NO. C2002-01**

Bid Opening Date is unchanged: 1:30 PM, Thursday, April 28th, 2022

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

SPECIFICATION CHANGES:

1. Section 261300 – MEDIUM VOLTAGE SWITCHGEAR
 - a. Revise first sentence in paragraph 2.7.B to read, “The basis of design is S&C PMH-9 with AT control, Catalog Number 56252R2-C5C6C7C9C10K9Y2Y4Y6Y8-SXXX.”
 - b. Revise paragraph 2.7.B.1.c to read, “Enclosure: Nema 3R”
 - c. Revise paragraph 2.7.B.2.f to read, “18-inch non-compartmented carbon steel base spacer”.

DRAWING CHANGES:

None.

GENERAL COMMENTS:

1. The Pre-Bid Meeting was held April 11, 2022 followed by a walk-through of the site. The Pre-Bid Meeting sign-in sheet is attached.
2. Bidders needing an additional site inspection should contact Jesse Rollins (OA/FMDC) at (573) 533-5053 or jesse.rollins@oa.mo.gov 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. The deadline for technical questions is Thursday, April 21st, 2022.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Current Planholders list available online at:
<https://oa.mo.gov/facilities/bid-opportunities/bid-listing-electronic-plans>
8. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.

QUESTIONS AND CLARIFICATIONS:

1. *Is the VFD for the in-line fan required to be tied into and be controlled by the BAS system?*
The in-line fan will not be connected to or controlled by the BAS system. The fan will operate whenever the generator is running. The generator controls will control the operation of the fan through the VFD. The contractor will balance the system during commissioning.

ATTACHMENTS:

1. Pre-Bid Meeting Minutes
2. Pre-Bid Meeting Sign-In Sheet

April 21, 2022

END ADDENDUM NO. 1

Meeting Minutes

Project: **Replace Automatic Transfer Switch and Service Generator**
Northeast Correctional Center – Bowling Green, MO

Distribution: Meeting Attendees (see attached),
File

Project No: **OA/FMDC – C2002-01**
BRiC – 2256-05

Subject: Pre-Bid Meeting

Meeting Date: **April 11, 2022, 10:00AM CDT**

Issue Date: **With Addendum #1 Issue**

By: Matthew Crook

The following non-verbatim minutes express our understanding of the items discussed. Please respond in writing within five days of receipt if any changes are required.

1. Participants signed the attendance record.
2. Introductions were made.
3. Jesse Rollins (OA/FMDC) discussed requirements of Specification Sections 01 and 02 of the Project Manual.
4. Matt Crook (BRiC) discussed Section 011000 SUMMARY OF WORK from the Project Manual, as follows:
 - a. Major components of the Work are listed in this specification.
 - b. Each major component of the Work is identified by Base Bid or Bid Alternate number. The duration of each phase is also listed.
 - c. Phase 1 will include only inspection and maintenance procedures to the NECC generator that can be performed without taking the NECC generator out of service for extended periods of time. Associated work in Phase 1 is for Bid Alternates #4 and #5 only.
 - d. After initial inspection and maintenance procedures to the NECC generator have been performed, no other work will be performed until Phase 2 begins.
 - e. Phase 2 will begin after all equipment (i.e. automatic source transfer switch, generator switchgear, generator controls, fuel day tank) are on hand.
 - f. Phase 2 duration is 8 hours. There will be no power to NECC during that time. After this phase begins, the Contractor shall continue work until Phase 1 is completed. This is the only part of the construction project that may require the contractor to work overtime.
 - g. Phase 3 begins immediately after Phase 2 is completed. The ATS will be locked in the utility-source mode until the generator is ready to be put back into service.
 - h. The Contractor will develop a construction schedule to illustrate procurement and construction periods.
5. Matt Crook (BRiC) discussed Section 261300, 2.6 INTERFACE WITH EXISTING DDC (BAS) SYSTEM from the Project Manual, as follows:
 - a. The specification section lists informational points related to the operation of the NECC generator that shall be programmed into the existing BAS system.

- b. The existing BAS system will provide monitoring only for the informational points.
 - c. The contractor shall include all costs associated with interconnection with, and programming of the BAS controls. Contractor shall employ C&C Group to provide all programming. Contact information is listed in the specification.
6. Matt Crook (BRiC) discussed the overall scope of the project including automatic source transfer switch replacement, replacement of the generator switchgear and controls, air intake louver and ductwork with in-line fan, insulation of existing generator exhaust pipes and silencers, replacement of the existing fuel day tank, modifications to the existing fuel piping system, labeling the existing fuel piping system, replacement of a defective analog fuel gauge, and generator maintenance.
7. The existing automatic source transfer switch is S&C, source transfer model PMH-9 with Micro-AT Control System. All products shall be similar in size, footprint, configuration, and functions. A “basis of design” catalog number for replacement ATS is listed in Section 2.7 of Specification 261300. The contractor is responsible for any modifications required to the existing concrete pad or medium voltage conductors.
8. A temporary generator to support the NECC campus is not required for this project. Contractor shall provide portable generator for construction activities during the Phase 2 outage, if required.
9. Background checks are required for each employee performing work on site.
10. Contractor shall keep all information regarding project activities and outages confidential.
11. Contractor will provide a 24-hour contacts list to OA/FMDC.
12. Working hours will be 7:30AM – 4:00 Monday through Friday.
13. Contractor is advised to make sure all bid forms are submitted and properly signed.
14. Scope qualifications or exclusions on Bid Form are not acceptable and will be grounds for disqualification.
15. A tour of the project site was conducted. In addition to general discussion regarding the Project Scope, the following items were specifically inspected and discussed:
 - a. The existing concrete pad for the source automatic transfer switch is at grade level. Contractor shall provide an 18-inch base extension to the switch enclosure assembly.
 - b. The analog fuel level gauge for exterior tank #2 was inspected. Contractors recorded the model number for the gauge.
 - c. A rear panel of the existing generator switchgear termination section was removed to allow contractors to confirm available lengths of medium voltage cables.
16. BRiC will list the “basis of design” switchgear and controls manufacturers and vendor contact information in Addendum #1.

Sincerely,

BRiC Partnership, LLC



Matthew Crook, BRiC Partnership, LLC

Attachments:

- Meeting Attendance Record

ATTENDANCE RECORD



Project Name: **Replace Automatic Transfer Switch and Service Generator
Northeast Correctional Center – Bowling Green, MO**

Project No.: **OA/FMDC – C2002-01
BRiC – 2256-05**

Meeting Description: Prebid Meeting

Date: 04/11/2022

Time: 10:00 AM CDT

Place: NECC Training Facility

Attendees

	Name / Company	E-mail Address
1.	Matt Crook / BRiC Partnership	mcrook @bricpartnership.com
2.	Greg Wykes DOC	greg.wykes@doc.mo.gov
3.	Shannon Thompson OA/FMDC	Shannon.Thompson@OA.mo.gov
4.	Greg Miller Lumix Electric	gmiller@lumixelectrical.com
5.	Scott Hmer Meyer Electric (General Contractor)	scott@meyerelectric.net
6.	Donald Perkins NECC	Donald.Perkins@Doc.mo.gov
7.	Rick Francis NECC	Ricky.francis@Doc.mo.gov
8.	Jesse Rollins OA FMDC	jesse.rollins@oa.mo.gov
9.	Frank Cunningham OAFMDC	frank.cunningham@oa.mo.gov
10.	Ken Stevens OAFMDC	Ken.Stevens@OA.MO.gov
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