

March 17, 2023

**ADDENDUM #01**

**TO CONTRACT DOCUMENTS FOR:** Project #RC000451  
Ozark Field Station

**ADVERTISEMENT DATE:** February 28, 2023

**PREPARED FOR:** The Curators of the University of Missouri

**CONSULTANT:** ODIMO  
701 East 63<sup>rd</sup> St. #210  
Kansas City, Missouri 64110  
(816) 708-1501

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The contract documents for the above noted project and the work covered thereby and herein modified.

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**GENERAL:**

- 1) See attached Pre-Bid Sign-in sheet.
- 2) See attached Bid Question Response dated 03/17/2023.

END OF ADDENDUM #01

BID QUESTION RESPONSE  
DATE: 03/17/2023

TO CONTRACT DOCUMENTS ENTITLED:

DRAWINGS FOR: **MS&T OZARK FIELD STATION**

PROJECT NUMBER: **RC000451**

ORIGINAL ISSUE DATE: 02/17/2023

PREPARED FOR: The Curators of the University of Missouri

CONSULTANT: ODIMO  
701 East 63<sup>rd</sup> St. #210  
816. 708. 1501

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:

BID QUESTIONS + NARRATIVE REPSONSE

GENERAL

1. PROJECT MANAGEMENT/COMMUNICATION REQUIREMENTS

- a. The Contractor shall be represented at the site by a full-time, competent superintendent.
  - b. The superintendent for the Contractor for the general building work shall exercise general supervision over all subcontractors of any tier engaged on the work with decision-making authority of the Contractor.
2. Also, of course we're wanting to know what SWPPP requirements will fall onto us as the GC.
- a. No permit will be required for storm water.

CIVIL

3. Let's add language to include some type of BMP features (filtered inlets, straw wattles, etc.) in the project for the addendum. We can update the civil drawings after the bid with that information, unless Archer-Elgin wants to update their drawing now.
  - RESPONSE: Due to the project taking place on leased property that disturbs less than 1 acre, a Land Disturbance Permit from Missouri DNR is not required. However, the contractor is still obligated to use Best Management Practices (BMP's) for erosion and sediment control during construction until the site is permanently stabilized. Drawing sheet C100 shows minimum recommended length and locations for silt fence (or silt sock at the contractor's discretion), as well as a few key locations for ditch checks as are shown in the details on CD100. Should the contractor's construction limits or stockpile areas be expanded, they are responsible for installing additional BMP's in these areas to protect from erosion and downstream stormwater pollution.
4. What is the thickness of the concrete pads for the stairs? I didn't see a cross-section detail for these.
  - RESPONSE: Recommend a minimum of a 7" thick concrete slab with #4 rebar @ 12" on center, each way.
5. Due to concerns about buoyancy during saturated soil conditions, should ballast or anchors be required for the sewer storage tank?
  - RESPONSE: Contractor shall construct a 12' wide x 14' long x 8" thick concrete slab below the storage tank. Contractor shall install straps and embed anchors into slab; refer to attached conceptual sketch. Actual slab size may vary based on final submitted poly tank

and manufacturer's recommendations; however, a minimum of 4.2 cubic yards of concrete is required for ballast.

## STRUCT (NONE)

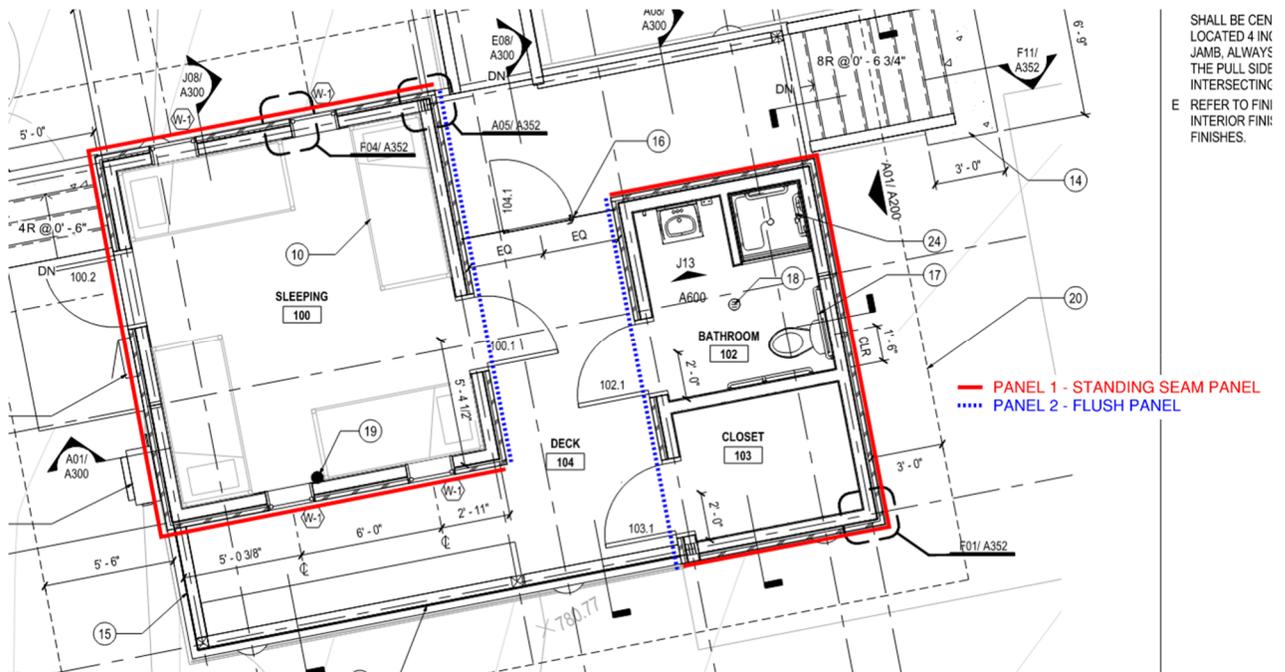
## MEP

6. Can you inquire about the 2 electric services on the existing light pole? If one possibly fed the shed that is being removed we could possibly replace it with the new, larger service. But if it needs to remain you may run into issues.
  - a. Is the existing transformer large enough.
  - b. Can a 3rd meter be added on the pole.
  - c. What is the path of the unknown service underground.
    - RESPONSE: Contractor to assume a new electrical service for the field station with a meter located on the building as shown on the construction documents. The information requested above is not typically available at the time of design and will need to be coordinated by EC once a service application is submitted and a utility engineer is assigned to the job. Unknown service location to be identified prior to excavation commencing.
7. The Mechanical drawings show L2 louver in the wall of the bathroom to provide make up air to the EF1. The bathroom has a hard lid, what is the elevation of that louver.
  - RESPONSE: The louver elevation is 7'6" AFF.
8. Next, there is a co2 controller shown to control F2 and louver L1, that ceiling is a surface mount T and G ceiling, is the wiring to be ran in conduit exposed as well as the power supply to the controller and co2 relay.
  - RESPONSE: T&G ceiling is to be furred down as shown in A11/A350 & G01/A350. All wiring and conduit should be concealed above ceiling.

## ARCH

9. Is there any more information about the construction of the boardwalk -- some elevations, maybe?
  - RESPONSE: No elevations. Extent is shown in plans. See section A11/A353.
10. For the screened-in porch
  - a. How does the screen interact with the railing?
    - RESPONSE: Screen attaches to face of railing by securing with a small trim piece as detailed. Fill nail holes and finish wood per specification. See details A05/A351 & A10/A351.
  - b. Does it sit behind the railing (nearer to the building) or in front of the railing (away from the building)?
    - RESPONSE: Front of railing, away from building. See details A05/A351 & A10/A351.
11. After looking at the plans and what the specs call out a Morin panel for the walls and the SSMR. Is the intent to try and match seams from the roof to the wall? Would the AOR be open to a 18" snaplock panel on the roof?
  - RESPONSE: The intent is to align seams on wall panel with roof panel, as shown on building elevations. See elevations A07/A200 & F07/A200.
  - RESPONSE: Substitution requests will be considered, but must be submitted per university standards, and as outlined in the bidding documents. Product data will be necessary in order for the AOR to review and confirm that substituted option is equal to specified item. Consideration will be given to finish, material, warranty, material thickness, panel width, profile, etc.
12. On the wall it calls for a plastic batten. Is the intent to treat the flush panel like rain screen? Can we clarify what product they are intending to use?
  - RESPONSE: Due to the site conditions, it is the intent to provide a rain screen condition behind the panel. The batten is specified in the documents. Reference sheet G003, see spec section 074113.5.
13. The hatching on the porch walls are different in places on the outside exterior wall. Do they plan on using a different panel on the porch?
  - RESPONSE: There are two types of panel being utilized for this project - Standing seam panels and flush panels. (Flush panel is just the (2) walls fancying the dog trot pass through

in the kiddie of the building. See sketch.)



14. Would they be open to a substitution request for a Berridge panel on the roof and wall?
- REPOSE: Substitution requests will be considered, but must be submitted per university standards, and as outlined in the bidding documents. Product data will be necessary in order for the AOR to review and confirm that substituted option is equal to specified item. Consideration will be given to finish, material, warranty, material thickness, panel width, profile, etc.

ATTACHMENTS:

1. See sketch for question 5 below.

END OF NARRATIVE

CALCULATION SHEET



310 East Sixth Street ♦ Rolla, Missouri 65401  
ph 573.364.6362 ♦ fax 573.364.4782

PROJECT OZARK FIELD STATION

DATE 3/17/23 20

COMPUTED BY SLS

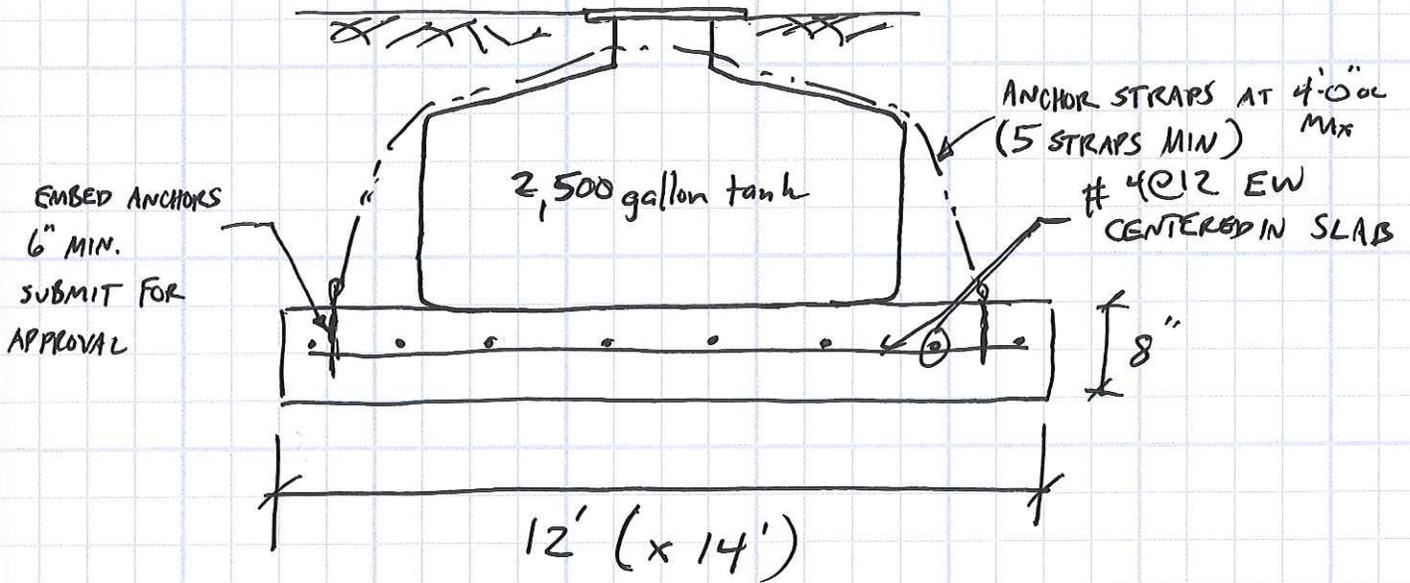
PROJECT NO. \_\_\_\_\_

CHECKED BY \_\_\_\_\_

DESCRIPTION HOLDING TANK SLAB

PAGE NO \_\_\_\_\_ OF \_\_\_\_\_

IN THIS SPACE



Assumed TANK DIMENSIONS APPROX. ~~8' W~~ 8' W x 13' L x 4.25' H

DO NOT WRITE

**Tuesday, March 14, 2023**  
**RC000451 - Ozark Field Station**

**UNIVERSITY OF MISSOURI**  
**PREBID MEETING ATTENDANCE RECORD**

*\*\*\* The information on these pages will be posted publicly on a University of Missouri website \*\*\**

Name, Company, Address, Email and Phone Number	General Contractor Yes/No	Sub-Contractor Yes/No	Material Supplier Yes/No	MBE Yes/No	SDVE Yes/No	WBE Yes/No	DBE Yes/No
Williams American Construction williamsamerican@gmail.com	yes	yes	no	no	no	no	no
Eli Decker O.I. NexGen Contracting d.l.Nexgencontracting@gmail.com	Yes	Yes	no	no	no	no	no
KEN WARNER Estimating @ Proost Builders, com	yes	No	No	No	No	No	No
KALE SPRY 573-291-7022 Jeff Harger S&T 573-341-4979							
Gus Snelson S&T 573-301-5217							
Ami Willett S&T 573-341-7618 willettam@mst.edu							
Kyle Te Arate Contracting BIOS @aratecontracting.com	Y	N	N	Y	N	N	Y

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LD Curran Bales Construction 573 214 0686 ld.curran.bales@gmail.com	Yes	No	No	No	No	No	No
Jason Petty Buildtec Const. 573 434 2482 jpetty@buildtec.com	Yes	Yes	No	No	No	No	No
BOB Hoffmeister ALEXANDER CONST 573-465-7830 bobhoff@gmail.com	YES	NO	NO	NO	NO	NO	NO
Traver Norris McNuw Electric Traver.N@McNuwElectric.com 423-933-7139	NO	YES	NO	NO	NO	NO	NO
Will Benhardt Cahills Construction 573 426 5305 bids@cahillskonstruction.com	Yes	NO	NO	NO	NO	Yes	NO