

ADDENDUM NUMBER 3

Date: August 2, 2022

Project: Wells County Highway Garage Project
800 E 200 S
Bluffton, IN 46714

Owner: The Board of Commissioners of Wells County, Indiana
102 W. Market St.
Bluffton, IN 46714

CM: James S. Jackson Co., LLC
304 W. Market St., Suite 100
Bluffton, IN 46714

This Addendum No. 3 amends the original Drawings and Project Manual released for bids dated July 6th, 2022, for the project referenced above.

Receipt of this Addendum and any subsequent Addenda must be acknowledged on the Bid Proposal Form.

This Addendum contains twenty-one (21) items and includes attachment.

Item: Description:

Alternate #2

- 1-01 Provide the In-floor radiant floor heating system as Alternate #2.
- Refer to sheet M-601 "IN-FLOOR HEATING GAS-FIRED BOILER SHEDULE" for additional information. Notes provide vendor name and contact information. The
 - Mechanical contractor to coordinate with an in-floor heating system vendor.

General

- 1-02 Generator **only** on contract documents will be by owner at a future date.
- 1-03 Bid Package #3 – Concrete – Bid due date will now be **8/11/2022 by 4:00 pm EST.**

Bid Questions

- 1-04 *Question on the controls on this project. There is no Spec section for controls or am I missing something.*

Answer: The only controls specification is the sequences required on M-801 of the HVAC Plans. This is typical. The controls vendor or the mechanical contractor shall provide equipment required to accomplish the given sequences of operation, with the purchased equipment. Usually, the controls are provided by the actual equipment vendor.

- 1-05 *No primary conduits are shown. Do we need to include anything for the primary or will it be by the utility?*

Answer: Local electrical utility (Heartland REMC) is to provide all labor and materials to get the primary conductors (direct bury) from the road to the transformer. Contractor will need to provide and install the conduit sweeps (4" schedule 80 large radius) and enough conduit (2 runs; 4" schedule 80 PVC) to get 5-10' out from under the concrete transformer pad on primary side. Since the metering will be located inside of the transformer, Utility will make the connections inside of the transformer on the secondary side. EC will need to figure enough conductor length to reach 6-8' above the surface of the transformer pad to get to the meter. The EC will need to provide all of the conduits and wire for the secondary side.

- 1-06 *E5.03 Detail 2 & 3 says that the mechanical contractor is furnishing the starters.*

Answer: EC to furnish starters, HOA, etc. for Detail 2 & 3 on E-503. MC to provide thermostat.

- 1-07 *E6.01 Equipment Schedule indicates that starters are supplied by manufacturer for all the EF's and SF's. The equipment schedules on the mechanical drawings do not indicate that the mechanical is to furnish the starter for EF-1 thru EF-14 and SF-1 thru SF-3. Who is responsible for furnishing the starters?*

Answer: The equipment disconnects are to be furnished by Manufacturer. All starters, HOA switches, & auxiliary contacts for operation/interlock to be provided by electrical contractor as shown in wiring diagrams on E-503. Thermostats to be provide by Manufacturer/MC.

- 1-08 *There are 2 Armstrong model AMC-1AD1 shown on the mech and elec drawings, however no mention of what they are to do?*

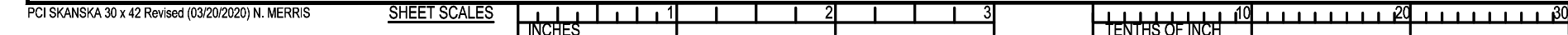
Answer: There are a total of 3 and these are the single zone gas monitoring controllers/alarm panels. Two for the vehicle bay area and one for the maintenance bay area. (Wiring for this system is limited to a maximum of 150' between sensors and panel!) They are the hub for all the CO and NO2 sensors in the respective spaces for alarm. These controllers are indicated on electrical drawings as a box with GM inside & keynote 3 that identifies this as a Gas Monitor Control Panel. In this same note, we reference a wiring diagram.

- 1-09 *There is a keynote 3 on Elec dwg E-104 to reference block diagram 9 on sheet E-503 but there is no diagram 9. There is a diagram 4 that shows the gas monitoring panel but not control.*
Answer: Use block diagram 4 on E-503 for this specific wiring diagram, instead of 9. These are what get wired back to the Gas Monitor Control Panel.
- 1-10 *The mechanical drawings show for exhaust fans 1 thru 4 and 7, to install a combo CO and NO2 sensor with the thermostat, and then another CO and NO2 sensor separate for each EF, however the electrical diagrams sheet E-503 only show one CO and NO2 set of contacts. Are we to provide 2 combo CO and NO2 sensors? Are these combo CO and NO2 sensors standalone controllers or are they to be part of the Armstrong gas monitoring panel?*
Answer: Yes, the individual combo sensors are a part of the Armstrong gas monitoring system, there are (2) combination NO2 and CO sensors for each exhaust fan for emergency ventilation operation (other than thermostat). They will be interlocked with exhaust fan operation and report alarm to the respective gas monitoring panel. There is a total of (8) combination sensors in the vehicle bay and (2) in the maintenance bay. The wiring diagram on sheet E-503 should have indicated the (2) relays associated with the interlock as being for combination CO/NO2 sensors, instead of separate. We can update this wiring diagram if required.
- 1-11 *I was looking at the fence on this project and the specifications do not indicate what size pipe we should use on this project. Can you please provide me with the specifications for the size and weight of the pipe to use?*
Answer: 3" dia. HF 40 end and pull post; 2.5" dia. HF 40 line post; 1.625" dia. Brace, typ.
- 1-12 *I did not see any specifications on the gate operator and the access control devices. Could you please provide those as well?*
Answer: On the sliding gate operator, we have designed around a max of 10 HP/208VAC/3 phase motor. Circuitry for motor is shown on drawing E-100 in note 9. This note needs to be modified to say 208VAC/3 phase instead of 120VAC.....as the wiring is captured for 3 phase. Contractor to provide for a card reader and intercom station for 2 different heights at sliding vehicle gate entrance (car & truck height). Note 8 (E-100) provides conduit size to be routed out to this area for data/voice. Cabling for access controls/security to be provided by owner's vendor.
- 1-13 *What contractor is responsible for providing the oil separator and sewage injection pump system?*
Answer: The oil separator falls under the spec section 221323 – Sanitary Waste Interceptors, which is the plumbing division.
- 1-14 *Who is providing and installing the in-floor heating system? no specifications or details on Mechanical plans. If mechanical contractor is to perform this work. Need to know the number of manifolds, sensors, accessories, pipe length and pipe routing/layout.*
Answer: See Alternate #2. The in-floor heating system is a package system provided by an in-floor heating vendor.

- 1-15 Who is providing the 2" rigid insulation that is located under the in-floor heating system?
Answer: This will be the responsibility of the in-floor heating vendor.
- 1-16 *Is the mechanical contractor responsible for providing the in-floor heating gas-fired boiler, shown on the plan sheet M-601, in-floor heating gas-fired boiler schedule. Note: there is no spec section on this.*
Answer: See Alternate #2. The in-floor heating system is a package system provided by an in-floor heating vendor.
- 1-17 *Is there any plumbing/mechanical work that is required in Salt Storage Building?*
Answer: No
- 1-18 *I only see mechanical work required for the Cold Storage Building.*
Answer: Mechanical and Electrical
- 1-19 *I have a question about the domestic hot water systems. I see two of the system have a domestic hot water return (DHR). Plan sheet P-401 Detail #10 &12. There appears to be a symbol for recirculation pump that is located right by the TMV-1 & 2. There is no tag for a recirculation pump, schedule or specification shown on plans. Please advise.*
Answer: The recirculation pump comes with the thermostatic mixing valve stations for TMV-1 and TMV-2.
- 1-20 *Can DR11 pipe be used for all the 4" sanitary force main?*
Answer: Yes






Drawings

- 1-21 *Could you clear up the Site plan on sheet C-201? It contradicts itself in a few places and contradicts sheet C-200 in a few others.*
Answer: Revised sheet C-201 attached.



1. EXISTING SITE CONDITIONS, PROPERTY BOUNDARIES, EASEMENTS AND SETBACKS SHOWN ON PLAN ARE REFERENCED FROM SURVEY INFORMATION COMPLETED BY STOODY ASSOCIATES, DATED 01/29/2022.
2. ALL CURB DIMENSION AND LOCATIONS SHOWN ON PLAN ARE MEASURED TO THE BACK OF CURB.
3. ALL UNITS ARE IN US FEET UNLESS OTHERWISE NOTED.
4. SEE C-100, EXISTING SITE PLAN FOR LOCATIONS AND DESCRIPTIONS OF ALL PROPERTY LINES, RIGHT-OF-WAY LINES, EASEMENTS, BENCHMARKS AND CONTROL POINTS.

1	CONCRETE WALK. SEE DTL. 1 ON SHT. C-600
2	ASPHALT PAVEMENT. SEE DTL. 2 ON SHT. C-600
3	PAINL STRIPE, WHITE. 4 INCHES WIDE
4	CONCRETE PAVEMENT. SEE DTL. 3 ON SHT. C-600
5	ADA RAMP. SEE DTL. 5 ON SHT. C-600
6	CHAIN LINK FENCE. SEE DTL. 8 ON SHT. C-600
7	CONCRETE WALK WITH CURB. SEE DTL. 12 ON SHT. C-600
8	NOT USED.
9	GRAVEL PAVING. SEE DTL. 15 ON SHT. C-600
10	PAD MOUNTED GENERATOR. SEE ELECTRICAL DRAWINGS FOR DETAILS
11	OIL AND WATER SEPARATOR. SEE DTL. 5 ON SHT. C-602
12	DUMPSTER
13	FUEL TANK WITH SPILL CONTAINMENT. SEE STRUCTURAL DRAWINGS FOR DETAILS
14	BOLLARD. SEE DTL. 16 SHT. C-600
15	PAD MOUNTED TRANSFORMER AND TRANSFER SWITCH. SEE ELECTRICAL DRAWINGS FOR DETAILS. ELECTRICAL SERVICE TO TRANSFORMER TO BE DETERMINED BY UTILITY PROVIDER
16	PAD MOUNTED AIR HANDLING UNIT. SEE MECHANICAL DRAWINGS FOR DETAILS
17	SLIDE GATE WITH ELECTRICAL GATE OPENER.
18	LIGHTED FLAG POLE. SEE ELECTRICAL DRAWINGS FOR DETAILS.

	ASPHALT PAVING
	PORTLAND CEMENT CONCRETE PAVING
	GRAVEL SURFACE
	SIGN
	HANDICAP PARKING



A SALAS O'BRIEN COMPANY

EVANSVILLE, INDIANA

812.425.4264

HIGHWAY GARAGE PROJECT

WELLS COUNTY

1600 W. WASHINGTON ST.

BLUFFTON, IN 46714

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CREATED BY: AJC

DESIGNED BY: MES

DATE: 04/15/22

PROJECT #: 2022-00822-00

ENLARGED SITE PLAN

0

SHEET NUMBER

ISSUED FOR CONSTRUCTION

ISSUE

0

07/06/22

