

**Addendum**

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**James T Vaughn Correctional Center  
Automotive Skills Facility**OMB/DFM/DOC Contract No.: MJ3804000088  
Tt Project No. 200-26912-16002

## Addendum No. 2

October 31, 2016

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To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:  
Original DRAWINGS and PROJECT MANUAL dated October 10, 2016

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of four pages, Four full size Drawings, 85 pages approved light fixture substitutions

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**The following information was discussed in the October 10, 2016 PRE-BID MEETING, and includes associated follow up information.**

### 1.0 General

#### 1.1 Critical Bid Period dates -

1.1.1 **NO CHANGE from Addendum 1** - Bid due Date – 2:00 pm, Thursday, November 03, 2016

1.2 The following is a list of Pole Barn Suppliers/Installers that provided preliminary pricing information for us during the design phase of the project. This list is for informational reference only, and in no way endorses the associated firms, nor has their Delaware licensing been verified. Also, be advised that the supply and installation of the Pole Barn system for this project is not limited to the firms in this list. Please make sure that if you elect to accept pricing from the sources in this list that they are responsible for the final Bid Set design and documents, which may be different than the preliminary design that they

1.2.1 Ready Buildings, Dover, DE, Stephan Beachy, - 302-257-3145, [stephan@Ready365.us](mailto:stephan@Ready365.us)

1.2.2 Diamond State Pole Buildings, Magnola, DE, 302-387-1710

1.2.3 Dream Buildings, Mill Hill, PA, David, 570-726-2059

1.2.4 Morton Buildings, Inc., Dennis Russum, 717-624-3331, [Dennis.Russum@mortonbuildings.com](mailto:Dennis.Russum@mortonbuildings.com)

1.2.5 County Builders, Inc. Dover, DE, 302.735.5530, [countrybuilders@yahoo.com](mailto:countrybuilders@yahoo.com)

### 2.0 SPECIFICATION CHANGES

2.1 **SECTION 133420 – Pole Barn Engineered Building System:**

- 2.1.1 **CHANGE** Paragraph 2.2.F9 –to the following statement: Thermal Envelope Requirements per 2015 International Energy Conservation Code (IECC) +(Table C402.1.3):  
Walls :  
Option one – R+13 + 7.5 C.I. (Continuous Insulation).  
Option two – U+0.064  
Roof:  
Option one – R-30 C.I.  
Option 2 – U= 0.64
- 2.1.2 **CHANGE** Paragraph 2.2.F10 –to the following statement: Slab Insulation: Provide minimum 2” thick x 24” wide rigid insulation rated for ground contact, around the entire edge perimeter of the floor slab. Seal all joints with sealant compatible with insulation.
- 2.1.3 Paragraph 2.2.F.11 Interior Components: **ADD** providing one 4’ x 4’ insulated access panel in the main ceiling (bottom side of the Panel).
- 2.2 Section 283111 – digital, addressable fire-alarm system
- 2.2.1 **CHANGE** Paragraph 2.1A – System Description, **DELETE** the following statement: Components shall be compatible with, and operate as an extension of, existing system.
- 2.2.2 **CHANGE** Paragraph 2.3 – Fire Alarm Control Unit, **ADD** the following statement: Basis of Design is Silent Knight Intelliknight, Model # 5700
- 2.2.3 **DELETE** Paragraph 2.1 A in it entirety.

### 3.0 DRAWING CHANGES

- 3.1 Drawings E-001, E-101, E-102, E-103, E-104, E-601 & E-602 – **REVISE** the following New Work Notes:
- New Work Note #2, **CHANGE** “75 KVA” to read “112.5 KVA”.
  - New Work Note #4, **DELETE** the following “and connect as an extension to current fire system in B Building”.
  - New Work Note #7, **ADD** “Horsepower rated” after Provide.
  - New Work Note # 10, **CHANGE** “3P” to read “2P” after 30A  
**CHANGE** “3R” to read “4” after NEMA X.  
**ADD** after Location of disconnect switch “shall be coordinated”
  - New Work Note #11, **ADD** “7.5 KVA” after Provide.  
**CHANGE** “30A, 2P, 3W, 240v fused disconnect” to read “60A, 2P, 3W, 240v fused disconnect”.  
**CHANGE** “25A fuses” to read “30A fuses”.
  - ADD** New Work Note #13 as follows: “Provide nine (9) Smoke Detectors in the attic, space per NFPA 72.
  - ADD** New Work Note #14 as follows: “Provide one (1) Smoke Detector above the Fire Alarm Control Panel (FACP) in Mezzanine Area per NFPA 72”.
- 3.2 Drawing E-100 – **DELETE** Original Drawing E-100 and **REPLACE** with Revised Drawing E-100 issued under this Addendum.
- 3.3 Drawing E-103 - **DELETE** Original Drawing E-103 and **REPLACE** with Revised Drawing E-103 issued under this Addendum..
- 3.4 Drawing E-601 - **DELETE** Original Drawing E-601 and **REPLACE** with Revised Drawing E-601 issued under this Addendum..
- 3.5 Drawing E-602 - **DELETE** Original Drawing E-602 and **REPLACE** with Revised Drawing E-602 issued under this Addendum.

#### 4.0 QUESTIONS / CLARIFICATIONS

1. Q. Will the DOC allow directional boring of the power and Data conduits rather than the installation of concrete encased ductbank?  
A. No. The DOC requires all power and Data in concrete encased ductbank.
2. Q. Why isn't the fuel oil tank shown on the drawings?  
A. The background has been updated. See updated sheet E-100 in this Addendum.  
B. The 1000 Diesel fuel tank is active and serves the Emergency Generator. The fuel line and the fuel tank vent line depths are unknown.
3. Q. Is the exterior equipment hatch on Building B shown on the drawings?  
A. The background has been updated. See new sheet E-100 in this Addendum.
4. Q. If clear space on the front basement wall is available can we enter there with the conduits?  
A. Bid per the plans. We will consider other options during construction.
5. Q. Can a 400 amp breaker be installed in the switchgear in lieu of the new breaker enclosure, if the blank space in the switch gear is rated for a 400 amp frame breaker?  
A. Bid per the construction documents to install a new separate Breaker Enclosure and Bus Tap.  
B. We will consider a new breaker mounted in the Switchgear if it is determined that the Switchgear will accept a 400 amp frame or larger breaker during construction.
6. Q. Can the new Breaker Enclosure be mounted on the steel column next to the existing disconnect on the column behind the switchgear?  
A. Yes. All NEC tap rules must be adhered too.
7. Q. The ductbank details aren't clear, is there (1) 4" Data with the (2) 4" electric conduits in section A1?  
A. Detail A1-A1 is the power ductbank with (2) active 4" conduits and (1) spare 4" conduit.  
B. The Ductbank detail has been updated to clarify the Power and DATA use.  
C. Provide 24 inches of cover over the concrete encasement.
8. Q. Can the steel sleeve be installed under the exterior fence footer rather than core drilling the footer and sleeving through the core?  
A. Yes  
B. The exterior fence footer is on average 48 inches below grade.  
C. The center fence footer is on average 30 inches below grade.  
D. The interior fence does not have a footer thus 5 feet of undisturbed earth is required in this location.
9. Q. Can we use the spare 4" Data conduit as seen in the basement junction box if it runs to the Data Manhole close to the exterior fence?  
A. The interconnection from the new building to the Building B fire alarm panel has been eliminated.  
B. An Exterior Horn/ Strobe has been added to the new building.
10. Q. What are the work hours?  
A. 7AM to 3PM, special exceptions may be granted on an as need basis.
11. Q. Can we use the delivery entrance to access the new building?  
A. Yes
12. Q. Do we need compaction testing for the trench backfill beyond the roadway?  
A. No. The contractor is responsible to repair excessive settlement for the entire warranty period.
13. Q. Do we need to color the concrete for the 2 different ductbank's?  
A. No. Color additive is not required.

14. Q. Can we cut and trench the entire roadway in one day?  
A. Yes but half of the road must remain open at all times via steel road plates. The entire roadway must be open to traffic every night and this can be via steel plates.
15. Q. Can we leave the trench open in the compound and continue the work the next day.  
A. No, only open as much trench as you can complete and backfill each day.
16. Q. Where is the Building B fire alarm panel located?  
A. The interconnection from the new building to the Building B fire alarm panel has been eliminated.
17. Q. Can the fire alarm wire run open on J hooks in the ceiling of the basement for the interconnection to the fire alarm panel?  
A. The interconnection from the new building to the Building B fire alarm panel has been eliminated.
18. Q. The original bid form has an alternate price for a 60' x 100' long building. The base bid is 80' x 100'. The addendum issued a new bid form which doesn't mention anything about an alternate price for the 60' x 100' building. Please Clarification  
A. The alternate for a 60'x100' building has been deleted.

## 5.0 SUBSTITUTION REQUESTS

- 5.1 Attached are (2) sets of approved lighting fixture substitutions (File name: Lighting Fixtures – Substitution no 1 and Lighting Fixtures – Substitution no 2)..

### ATTACHMENT LIST

REISSUED Drawings E-100, E-103, E-601 & E-602, Approved Lighting Fixture Substitutions (no 1 & no 2)

Cc: All plan holders, E. Kullhanek, D. Neeld, Eric Smeltzer, K. Wareham, S. Parlow

### **END OF ADDENDUM No. 2**

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**DRAWINGS REDACTED**