



240 Continental Drive, Suite 200
Newark, DE 19713
Tel: 302-738-7551
Fax: 302-454-5989

Addendum No. 3

UPS System Replacement
Building #13
James T. Vaughn Correctional Center

OMB/DFM/DOC Contract No: MC3804000076

Tt Project No. 200-26912-16008

Addendum No. 3
to
Drawings and Project Manual

December 18, 2017

To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:

Original DRAWINGS dated November 28, 2017,
PROJECT MANUAL dated November 28, 2017 and

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

This ADDENDUM consists of two (2) pages and the following:

3.1 CHANGES TO PROJECT MANUAL

- A. Spec Section 26 33 23.11; Central Battery Equipment for Emergency Lighting:
 - 1. Article 2.2; Interruptible (Slow Transfer) Central Battery Equipment.
 - a. **DELETE** article in its entirety.
 - 2. Article 2.3; Interruptible (Fast Transfer) Central Battery Equipment.
 - a. Paragraph F; Control and Indication; Subparagraph 3; Remote Signal Interface
 - 1. **DELETE** Item b; Communication Interface sub-items 1, 2 and 3 in their entirety.
 - 3. Article 2.4; Uninterruptible (UPS – Type) Central Battery Equipment
 - a. **DELETE** article in its entirety.
- B. Spec Section 26 33 53; Static Uninterruptible Power Supply.

1. Article 3.7; Performance Testing;

- a. Paragraph B; **CHANGE** the Testing and Monitoring Schedule to Twice in the 1st year. The first after Substantial Completion and the 2nd at the Eleven (11) month Walk-thru.

3.2 CHANGES TO DRAWINGS

A. Sheet M-102

1. **REPLACE** Sheet M-102 issued under Addendum No. 2 with Revised M-102 Sheet attached to this addendum, indicating more utilities that need to be removed and relocated.

3.3 REQUEST FOR INFORMATION (RFI's)/REQUEST FOR CLARIFICATIONS

A. Questions at the Pre-Bid Meeting:

Question 1: Can the UPS & By-Pass come in sections in order to fit through the door?

Response: Each of the UPS and By-Pass Sections are 23.6 inches wide, 39.8 inches deep and 78.7 inches high. They should pass through a door using the 23.6 inch side.

Question 2: Crane Work?

Response: As a result of the above, the use of a Crane becomes a "Method and Means" question. If a Contractor chooses to use a crane and the roof as the Entrance, then the roof needs to be protected with wood or something more substantial.

B. Email from H&A Electrical Co. dated Dec. 13, 2017

Question 1: Dwg 101-detail 5 refer to M- for sizes and location of openings. Where is M- and details and sizes, quantity.

Response: The Note on the detail doesn't actually apply. The Steel Framing is to support EF-1 and the Corresponding Roof Curb shown on Sheet M-101.

Question 2: It was discussed in the walk thru of 12/12/17 that the 11'-5.5" steel beam will not be able to be installed due to the walls of the facility. Need to have detail of the beam made in two sections with coupling jointer or whatever else might work.

Response: Yes, installing the beam in two sections is acceptable. Connect two pieces of steel beam in the field prior to raising to final elevation with a CJP (complete joint penetration) weld all around section.

Question 3: It was discussed in the Pre Bid about the sub contract listing of a "structural" listing- the general consensus of those attending did not want that listing-what is the basis of the listing now shown on the new bid forms?

Response: The Specs, under Special Inspections, requires a Structural Inspection by a 3rd Party. New Castle County will require acknowledgement of this Special Inspection in order for you to obtain a permit. Our collaborative interests are best protected if we have a qualified Steel Contractor perform this work.

Question 4: Dwg E 401 New Work Note 13 is pointing to a conduit line from UPS to battery cabinet, please advise.

Response: If you look closely, Note 13 is actually pointing to Exhaust Fan (EF-1), which the note is applicable to.

C. Email from Diamond Electric, Inc. dated Dec. 18, 2017:

Question 1: The testing for the UPS (4 times over a year period with a temporary generator) is something also likely to maybe double the price of the UPS, even if possible to achieve without major inconvenience to the prison operation.

Response: The testing period will be reduced to two time (2x) in the first year. Once after Substantial Completion and the second time at the eleven (11) month Walk-thru.

Question 2: Do we need to add a roofing subcontractor to the bid form- your design details seem to require it.

Response: The original roof was recoated in 2013 and is not under warranty. A Subcontractor listing is not required at this time but the Subcontractor that does the work must be a qualified Roofing Contractor.

D. Email from Modern Controls, Inc. dated Dec. 18, 2017:

Question 1: Please clarify that the BAS is to be an extension of the existing Johnson Controls FX by Modern Controls.

Response: There are three (3) parts to the Control Scope of Work.

1. The Control of the Hydrogen Sensor and Exhaust Fan Sequence can be installed by a qualified Control or Electrical Contractor.
2. Add Alternate No. 1; Remote Monitoring of UPS at the BAS Operator's Workstation shall be an extension of the Existing Johnson Control FX BAS System.
3. Add Alternate No. 2; Remote Monitoring of Space Temperature and Humidity at the BAS Operator's Workstation shall be an extension of the Existing Johnson Controls FX BAS System.

END OF ADDENDUM 03

Attachments:

Revised Sheet M-102

