

# MEMORANDUM



To: All Interested Bidders

Date: **March 23, 2017**

Subject: **IFB17-0688OV**

**Manatee County Central Jail Security Equipment  
Upgrades - 14470 Harlee Road, Palmetto, FL 34221  
Addendum No. 1**

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**Bidders are hereby notified to acknowledge this Addendum No. 1 on page 1 of the Bid Form and made a part of the above named bidding and contract documents. Bid submitted without Acknowledgement of the Addendum will be considered incomplete.**

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding document, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

**The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has been extended to March 29, 2017 at 5:00 PM.**

**Note:** The Bid Opening date has been **REVISED** as follows:  
**Revised Bid Opening: April 11, 2017 at 3:30 PM**

**(WAS: March 31, 2017 at 3:30 PM)**

**Addendum 1 includes the following:**

- 1. Technology Details - Plan Sheet T5.0.03, Grounding Detail 1 via pdf. (1 total page attached)**
- 2. Twelve (12) Relay Photos taken at the Central Jail Annex on March 3, 2017. (11 pdf photos attached)**

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**3. Responses to questions submitted during the Information Conference which was held on March 3, 2017 and questions received via email through March 14, 2017 at 5:00 PM.**

**Q1. Please provide the Engineer's Estimate for this project.**

**R1. The Engineer's Estimate for this project is \$1.5 million.**

Financial Management Department  
Procurement Division  
1112 Manatee Avenue West, Suite 803  
Phone number: (941) 749-3014

- Q2. During the pre-bid, it was discussed that existing equipment removed would be turned over to the county and the county would provide a dumpster for waste material. Please confirm that this is correct.
- R2. **All existing devices and equipment that is removed shall be turned over to the county for disposition. Contractor is responsible for removal of general waste such as discarded packaging, demo debris, etc. The county shall not provide a dumpster for waste materials.**
- Q3. Taxes are only mentioned in the Change Order documents which were made a part of the original bid solicitation. It was stated at the pre-bid that bidders are to include and are responsible for paying sales tax on installed materials. Please confirm this is correct.
- R3. **Bidders, please reference Article A.24 Taxes, on page A-10 and A-11 of the Invitation for Bid.**
- Q4. Specification Section 27 00 00, General Technology Requirements, Section 3.22 Testing and Acceptance, paragraph (G), refers to cable integrity. Defective cable to be replaced at contractor's expense. Does this apply to existing cable? This was discussed during the pre-bid and it was stated that this statement does not apply to existing wire and cable. Please confirm this is correct.
- R4. **This is correct. Any defective cable should be brought to the attention of the Owner. Owner shall then determine whether the cable will be repaired / replaced and by whom. Should the Owner determine to have the contractor repair / replace the defective cable, appropriate Change Order procedures will be followed.**
- Q5. Please verify that the expected project duration is 330 calendar days as stated at the pre-bid meeting.
- R5. **Yes, this project is based on a 330 calendar day completion time as stated on the bid form.**
- Q6. It was discussed at the pre-bid that to be a prime bidder, a Certified or Registered Florida Electrical Contractor's License is required. Please confirm if this is the case.
- R6. **Revised Qualifications**  
**The prime contractor shall be a Certified or Registered Florida Electrical Contractor OR a Certified Alarm System Contractor I OR a Certified Specialty Contractor OR a Certified Alarm System Contractor II pursuant to Florida Statute 489 and who has continuously held the certification or registration for a period of at least five (5) consecutive years immediately prior to the day the bid is submitted, may be qualified to bid on this Work.**

**Contractor shall have a minimum of five (5) years' experience and performed at least six (6) similar projects exceeding \$500,000.00. A similar project would be defined as a project where the PLC and intercom systems were replaced and the Scope of Work exceed \$500,000.00. Projects that required video surveillance systems to be replaced are acceptable, as long as the intercom Scope of Work exceeded \$500,000.00.**


- Q7. It was discussed at the pre-bid that the Grounding Cable throughout the building does not have to be routed in conduit. Please confirm this is the case.
- R7. **All insulated conductors, power and grounding for this effort shall be concealed to the greatest extent possible. The concealed conductors shall be securely supported to the structure in accordance with the NEC. Where the conductor route must be exposed, the conductor (s) shall be installed in Electrical Metallic Tubing (EMT). All exposed conduit routes shall be approved prior to installation. The Electrical Rooms may allow exposed conductor routes, provided that they do not interfere with equipment or allow damage to the conductor. Ground conductor may be run with signal and controls cable if only a single conduit is available. Contractor shall provide code compliant fire stop at all rated fire and smoke walls.**
- Q8. Please confirm that the new system, both PLC's and Touch Screen stations, will be connected to the Owner's network. This includes a Cat 6 cable to each Touch Screen and PLC location with exception of in the Annex, whereby the contractor is to furnish and install a Cat 6 cable, in an existing conduit, removing old cable from the direct supervision counter in the dayroom to the center Pod Control (total of 4 locations).
- R8. **Touch Screens will not be utilized with the new equipment. All HMI's will have standard monitors to be mouse driven. The Owner will install cable as required to all required locations with the exception of the 4 Annex pods as described. The Owner will assign VLANS based on the contractor's recommendations. The contractor should also request static IP addresses in a detailed list by system.**
- Q9. Please confirm that the scope of work includes the replacement of all 24 VDC Lock Power Supplies as well as existing door relay boards.
- R9. **Yes, all power supplies shall be replaced with new relay boards including all door relay boards.**
- Q10. It was discussed at the pre-bid that the existing cabinets may be re-used by the successful contractor and new equipment installed within. Please confirm this is the case.

- R10. Yes, the cabinets may be reused at the contractor's discretion. Rack extenders may be required at a few select locations to accommodate the depth of the intercom equipment. These are ok so long as they do not impede on the 3' of clearance required in front of certain electrical equipment.**
- Q11. Provide location of the Main Earth Ground for connection of the new grounding system.
- R11. The Main Earth Ground is located in the main Electrical Room and may be tapped from "SES1 - Section 1" Grounding buss or enhance existing building steel grounding lugs in the ceiling space to terminate the new conductor.**
- Q12. Are the ceiling locations in the Annex accessible for the routing of the new grounding cable? During the pre-bid walk-through, this did not appear to be the case. If there are areas where ceilings are not accessible, what methods will be required for the routing of grounding cable?
- R12. Annex Building "A", hard ceiling locations do have some hatches to gain access and may prove challenging, however new hatches may be added with approval. Surface mounted conduit may be routed exposed, with approval. An alternate route to the exterior of the building between the Electrical Room and control room, in conduit, may also be added with approval.**
- In Annex Building "B", the conduit for grounding may be routed between the local Electrical Room, through the room above and into the drop ceiling, then down to the control booth at first floor level, then also routed in existing under-slab conduits between the Control Room and control board consoles in the four dormitories.
- Q13. Please provide a list of the attendees at the Mandatory Information Conference which was held on March 3, 2017.
- R13. See attached pdf.**

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

Bids will be received at the Manatee County Procurement Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 **April 11, 2017 at 3:30 PM.**

Sincerely yours,

 for  
Melissa M. Wendel, CPPO, Purchasing Official  
Manatee County Procurement Division  
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