

September 8, 2017
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
ADDENDUM NO. 2 / IFB NO. Y18-700-CC
ORANGE COUNTY CORRECTIONS HORIZONS ELEVATOR MODERNIZATION

BID OPENING DATE: September 19, 2017

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

A. The bid opening date remains September 19, 2017 at 2:00 P.M.

B. Questions and Answers:

1. **Question:** Are liquidated damages assessed both after the failure to meet the substantial completion date and the final completion date, or just after substantial completion?

Answer: Contractor will be assessed liquidated damages just after substantial completion.

2. **Question:** Would Orange County be interested in an alternate quote for an expedited schedule?

Answer: Contractor may provide a quote for an expedited schedule; however the bid will only be awarded based on a typical work schedule.

3. **Question:** How many hours of onsite training are anticipated for MCE personnel during each session? Do we understand that a training session will occur upon completion of each elevator?

Answer: A total of 1 hour of training will be required for each shift. There total of 3 shifts. This will be required as each elevator is completed.

4. **Question:** Must the Prime Contractor for this project be a licensed General Contractor.

Answer: The contractor is responsible for ensuring all required permits are obtained. The majority of work performed on a particular project shall be within the scope of the Contractor's License.

5. **Question:** How was the need for an 18 ton HVAC system determined? Based on my calculations, the 4 elevators will produce approximately 4 tons of heat load in the space. The rest of the space should require

approximately 3 to 3 ½ tons for a total of approximately 7 ½ tons. 18 tons seems extremely oversized for the HVAC.

Answer: As our basis of design, we based our heat loads on MCE controller which requires 27000BTU per car sensible. Per our heat load calculation, 12.1 tons of cooling is required (mainly sensible load). In order to achieve this, an 18ton VRF system is required with a corrected sensible cooling load of $25.9 \times 6 = 155.4 \text{ kBTU} = 12.95 \text{ tons}$

6. **Question:** We were unable to confirm that the main feed circuit breakers to the elevators (from the panel, not in the elevator machine room) were shunt trip as required for the sprinklers in the elevator machinery spaces. The shunt trip presence is not verified or mentioned on the drawings.

Answer: Shunt Trip is mentioned on sheet E102. See note #13 on E102. Provide circuit breakers with a shunt trip connect to sprinkler system heat detectors as required. Also on sheet E102 Detail 2 Reno level 8 Roof Plan Power shows the location of panel EQHRE for verification as requested in note 13.

7. **Question:** The existing fire alarm devices in the elevator machine room were not labeled to be able to verify the presence of the required primary recall, alternate recall and fire hat relay modules. Please confirm that those relays currently exist.

Answer: Unable to verify presence of relay modules. Per note #6 on sheet E102 "Provide fire alarm relays and all required equipment for connection to existing fire alarm system." Per note #12 on sheet E102 "Provide and install fire alarm connection to elevator controller as required."

8. **Question:** The requirement for emergency power and elevator pre-transfer signal wires is not defined on the drawings. The drawings reference that the ATS has the elevator pre-transfer capability, but it was not able to be verified on the walkthrough. Please verify that the ATS has existing elevator pre-transfer capability.

Answer: Per note 14 on sheet E102 the existing ATS has Pre and Post time delay.

C. ACKNOWLEDGEMENT OF ADDENDA

- a. The Bidder/Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid or proposal.
- b. All other terms and conditions of the IFB remain the same.
- c. Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm