

**March 23, 2015**  
**BOARD OF COUNTY COMMISSIONERS**  
**ORANGE COUNTY, FLORIDA**  
**Addendum No. 3, IFB Y15-755-RM**

**CORRECTIONS – HORIZONS ELEVATOR MODERNIZATION**

**REVISED: Bid Opening Date:**  
**March 31, 2015 at 2:00 P.M.**

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 has changed from ~~March 24, 2015~~ to March 31, 2015 at 2:00 P.M.

B. Question, Responses, Additions, Deletions and Revision:

1. **Question:** Note 9, on sheet E-2.1, states that we are to install a new 2P15A breaker inside of Panel EL7A located on the 7<sup>th</sup> floor. During the site walk through yesterday we found a 120/208V panel located on the 8<sup>th</sup> floor. Please confirm that we can use this panel in lieu of the panel on the 7<sup>th</sup> floor for The AHU's located on the 8<sup>th</sup> floor. It has also been verified that this panel has space available for 1 or more 2P15A Breakers. This course would allow the county to avoid unnecessary floor penetrations, as well as conserve space in a panel that is almost completely full.

**Response:** The 8<sup>th</sup> floor panel is acceptable if it is an emergency power panel.

2. **Question:** Note 14, states that the elevators are fed through ATS #3 and that the setting has to be set to 30 seconds pre and post time delay. This is something that would be part of the ATS programming and not something that can be performed by an electrical contractor. This programming can usually be performed by OC Facilities and is password protected. If this is an incorrect assumption please provide the servicing contractor or at least the ATS manufacturer so that we can get pricing for the associated programming requested.

**Response:** This question needs to be coordinated with Orange County concerning who does the actual programming. Information on the ATS nametag for service is Russelectric, Inc. 800-654-3020 or Ram Tech Sales, Inc. 407-859-9385.

3. **Question:** Note 15, on sheet E-2.1, states that we are running a 3" empty conduit from the Fire Alarm control panel to the elevator controllers. Because

this conduit is directly related to the elevator controllers, please confirm that we can run this conduit in the elevator shaft and avoid many unnecessary penetrations in the floor.

**Response:** This is acceptable if approved by the elevator installer and Orange County.

4. **Question:** Note 16, on sheet E-2.1, states that the elevator monitoring system workstation requires 120V power. Please clarify where we are to be getting this power from and what amperage is required.

**Response:** For bid purposes, figure a 1 pole, 20 amp circuit breaker in panel EL1A with 100 feet of conduit and wire to the workstation location.

5. **Question:** Note 9, on sheet E2.1, states that we are to feed (4) AHU units with a 2P15A breaker. This breaker seems severely undersized. Please verify with the engineer that this is what he wants.

**Response:** Mechanical plans and equipment cut sheets indicate a MCA of only 0.54 amps for each unit.

6. **Question:** Note 18, on sheet E2.1, states that we are to verify that the existing 100A breakers are adjustable trip. I have confirmed that the breakers are not adjustable trip. Can you please request clarification from the engineer on why adjustable trip breakers are required when the amperage is being downsized at the fused disconnect. An adjustable trip breaker may not be available for that style panel. Also, the panel is old and all of its information has fallen off.

**Response:** Reuse the existing circuit breakers if, they meet the requirements of the new elevators being installed.

7. **Question:** Is the new elevator management and monitoring system (desktop computer) to be installed and located in the security room, a specific location in the room was not specified. As per the specifications, this EMS system is to be interfaced and connected to the County's Secured Network, and accessible through desired alternative remote computers (in the event a jail take over occurred elevators could be controlled remotely).

**Response:** Section 14220 2.12 (I), "Interface to Third Party Building Management Systems: System shall be interfaced and accessible on Server provided by County. Main server located at the Regional Computing Center 4300 S. John Young Parkway, Orlando Florida 32839. The elevator monitoring system shall be capable of interfacing and exchanging data with County's building management systems, in addition to Siemens, Landis & Staefa, Johnson Controls, SCADA, and others. Information shall be exchanged by Modbus protocol, open protocol, or other suitable methods as required.).

**8. Question:** With regards to the fire command room “computer” I saw no photos or notes of an existing computer system relating to elevators. Are we sure the Contractor is in the room designated as the fire command room? It appears B158 is designated as the fire command room. In short, unless OC wants more than 1 computer outside of the security office on the first floor, the spec section 14220 2.12 E1 is pretty clear.

**Response:** Monitoring Equipment: The monitoring equipment shall have these minimum characteristics: Monitoring Station Hardware: Provide 1 monitoring station and locate in Security Control Room.

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. **Receipt acknowledged by:**
- c. All other terms and conditions of the IFB remain the same.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name of Firm