

May 5, 2015
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Addendum No. 2, IFB Y15-770-RM

REGIONAL HISTORY CENTER-HVAC REPLACEMENT

Revised Bid Opening Date: May 14, 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 is changed from ~~May 7, 2015 at 2:00 P.M.~~ to May 14, 2015 at 2:00 P.M.

B. QUESTIONS/RESPONSES:

1. **Question:** During the pre-bid meeting it was stated that in order to preserve the integrity of the historical artifacts within the building the levels of humidity and temperatures are required to remain the same without any rise or drop of levels. This requires the use of temporary A/C units in order to meet this requirement. In order to best determine which areas need temporary cooling and the type of unit that best fits the application additional information is required. Can you provide the square footage of the areas where the levels of humidity and temperature need to remain the same? Can you provide floor plans highlighting these areas?

Response: *Refer to Specification Section 230500 – Common Work Results for HVAC for temperature and humidity requirements as well as days and times for these to be maintained for each area of the building. For several spaces, there are periods of time where the temperature and humidity can fluctuate; these are to be coordinated with the Orange County History Center Staff. See attached existing drawings for areas served by each Unit.*

2. **Question:** The existing Siemens Fireman's Override Panel/Smoke Purge and BMS system controls are currently part of the rooftop AHUs damper and fan control. Will the new AHUs be required to be reconnected to the Fireman's Override Panel?

Response: *Yes, the intent is to maintain the same sequence of operations and connectivity to the Fireman's Override Panel. The contractor is to*

verify and document sequence of operations prior to any replacement activity. New equipment shall match the documented sequence of controls even if it does not match as-built documents.

3. **Question:** Will there be a revision to the sequences that address the Smoke Purge control system?

Response: *No, the intent is to utilize the existing sequences including Smoke Purge.*

4. **Question:** What is the extent of testing that will be required for the interface control of the Fireman's Override system?

Response: *A functional performance test is required for equipment connected to the Fireman's Override system. The equipment should operate as it operates prior to replacement of equipment (documented) including during a fire alarm event and manual override at the Fireman's Smoke Control Station.*

5. **Question:** What documentation will be required for the testing of the Fireman's Override system?

Response: *Testing documentation shall include all new equipment test reports, inspection reports (Preparatory, Initial and Follow-up inspections), start-up reports, TAB report, TAB verification report, controls verification report and Controls Performance Verification Test (PVT) report (verifying existing sequence of operations).*

6. **Question:** Will there be a CX Commissioning Agent on the project and what level of commissioning will be required?

Response: *There is no requirement for a CX commissioning agent for the project; however there are testing requirements as defined in the specifications, Section 23 05 93 – Testing, Adjusting and Balancing for HVAC, paragraph 3.13 to verify the controls interface and existing sequence of controls.*

7. **Question:** On M-201 in AHU diagrams notes 2 thru 4 specify installed controllers to tie into existing controls system. Factory mounted controls may not be compatible with existing system and sequences depending on site conditions. Recommend re-using existing controls.

8. **Response:** *The design intent is to provide new sensors, actuators, unit controllers, etc. at each new AHU that are compatible with the existing Siemens DDC system. It is acceptable to install sensors, actuators and controllers in the field. (see attachments M1.10, M2.10, M2.20, M2.30, M2.40, M2.50, M2.60, M3.10, M3.20, M4.10, M4.20, M5.10, M5.20, M5.30)*

C. ACKNOWLEDGEMENT OF ADDENDA

1. 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.
2. All other terms and conditions of the IFB remain the same.
3. **Receipt acknowledged by:**

Authorized Signature

Date Signed

Title

Name of Firm