

ADDENDUM No. 2

December 16, 2010

ADDENDUM TO: Cooling Tower Replacement

BID NUMBER: 11-03

“NEW” BID DUE DATE: Tuesday, December 21, 2010 by 11:00 a.m.

TO BIDDER: This addendum is an integral part of the bid file under consideration by you as a bidder in connection with the subject matter identified above. For the purpose of clarification the following additions, changes, modifications and replacements noted below have been made to the bid and have been made to the bid file which bears the above title.

Bids submitted shall conform to these additions and modifications noted herein and including all issued addendums.

SEE ATTACHED CLARIFICATIONS, QUESTIONS & RESPONSES

Note: To qualify your bid, of which this addendum becomes a part, this form must be completed and returned to this office with the bid.

Date: _____

Authorized Signature of Company Rep.

Printed Name of Company Rep.

Company: _____

Address: _____

Telephone: _____

ADDENDUM TWO to
COOLING TOWER REPLACEMENT

Bid# 11-03

1. The following items were addressed in the Pre Bid meeting:

1. Controls will be under a separate contract.
2. There is a water line included in the scope to tap into the adjacent well.
3. TECO has been notified of the upcoming construction activity, but the contractor is responsible for coordination.
4. The smaller 200 ton tower must remain operable throughout construction.
5. Staging may occur in the grass parking lot directly to the north of the cooling tower.
6. Chemical treatment is not required.
7. Start up strainers before and after construction activity to be maintained.

2. The following items will apply to the bid documents:

1. Provide an alternate price deduct to provide cooling towers made with type 304 stainless steel in lieu of the specified 316 stainless steel.
2. Drawing E-1 add general note. "All new exposed electrical conduit shall be schedule 80 PVC. Replace all existing conduits and conduit supports on structures and cooling towers with new. All conduit straps and supports shall be stainless steel".
3. Specification section 15711 2.01 A. Add Baltimore Aircoil Company as an approved equal cooling tower manufacturer.

3. The Substantial and Final Completion Dates will be changed as follows:

Substantial completion date shall be revised to April 7

Substantial completion implies the new cooling towers will be installed and capable of providing a full capacity of cooling and the TSA can control the towers' operation. After April 9 shutdowns can occur after hours and on weekends with prior scheduling and approval by the Tampa Sports Authority (TSA). After April 9 at all times during normal business hours at least one 1000 ton tower and the existing tower (tower CT-3) shall be available for cooling unless previously schedule and approved by the TSA.

Final completion date shall be revised to May 1

If these conditions are not met the TSA shall take any and all necessary actions to ensure the cooling tower capacity as indicated above is provided.

4. **The following questions were submitted by bidders:**

1. Conflict: Per Specification sections listed below, how much piping needs to be painted and which Method ?

Sheet M-1: 16. ALL EXISTING EXPOSED CONDENSER WATER PIPING AND STEEL SUPPORTS SHALL BE CLEANED, PRIMED AND PAINTED WITH AN EPOXY COATING. MATCH EXISTING COLOR.

Change to read "All new exposed condenser water piping or existing piping where the paint is damaged due to construction and steel supports shall be cleaned, primed and painted with an epoxy coating. Match existing color"

Section 15060 - Pipes & pipe fittings, Part 2 - Products; 2.01 Steel pipes and pipe fittings, Paragraph A, starting 2nd sentence reads: Piping shall be cleaned and have two coats of Rustoleum . Match existing pipe color; after installation, touch up as required at any location that has painting removed as a result of installation.

Change to read "New piping shall be cleaned and painted with an epoxy coating. Match existing pipe color; after installation, touch up as required at any location that has painting removed as a result of installation."

2. Conflict: Per specification listed below, paint or Stainless?

Sheet M-1: 23. ALL PIPING SUPPORTS INCLUDING BRACKETS, BOLTS, NUTS, SCREWS, UNISTRUT, AND HANGERS ON THE COOLING TOWERS SHALL BE STAINLESS STEEL. REPLACE EXISTING GALVANIZED SUPPORTS ON COOLING TOWER STRUCTURE WITH STAINLESS STEEL.

Response: All piping supports should be stainless. If there are any exposed black steel or galvanized piping it should be painted. The intent to have everything stainless as much as possible.

3. Per Sheet E -1, Does the Lightning protection need to be certified?

Sheet E -1: , 8. PROVIDE NEW U.L. MASTER LABEL FOR COMPLETED INSTALLATION,

Response: No the Lightning protection system does not need to be certified. It must meet UL and NFPA requirements. The intent is to reinstall the system that is currently in place.

4. Could you please clarify the painting scope as 1 note indicates all existing exposed condenser piping to be painted with Epoxy coating and the other note indicates to paint any location that has painting removed as a result of installation.

Section 15060 - Pipes & pipe fittings, Part 2 - Products; 2.01 Steel pipes and pipe fittings, Paragraph A, starting 2nd sentence reads: Piping shall be cleaned and have two coats of Rustoleum . Match existing pipe color; after installation, touch up as required at any location that has painting removed as a result of installation.

Change to read "New piping shall be cleaned and painted with an epoxy coating. Match existing pipe color; after installation, touch up as required at any location that has painting removed as a result of installation"

5. Could you please clarify the TSA definition of Substantial Completion?.

Section 01311, Part 1 General, 1.01 Schedules reads: April 30, 2011 Substantial Completion?.

Response: Substantial completion implies the project is nearly complete with the towers installed and the TSA has full control and use of the towers. The remaining items after substantial completing should be items such as punchlist, training, closeout, touchup etc.

6. What Permits will the owner be securing?

Section 01010 Summary of work, 1.04 Jurisdiction: The CONTRACTOR shall secure any additional permits not obtained by the owner as required by the agency(s) having jurisdiction as they relate to the construction activities, shall comply with all rules and regulations of each and shall pay all costs in connection with the permits. The CONTRACTOR shall pay for such permits and inspection fees to ensure compliance with their requirements.

Response: None the contractor should obtain all required permits

7. Does the following apply to the actual cooling towers demolition?

Section 01010 Summary of work, 1.10 Salvage of Material and equipment: No items shall be salvaged and reused without permission from the OWNER or the OWNER'S REPRESENTATIVE. All removed material remains the property of the OWNER unless otherwise agreed upon.

Response: All items, including the cooling towers, with the exception of the VFD's should be removed by the contractor. The TSA will keep the VFD's.

8. Please clarify, One year or Five?

DIVISION 15 MECHANICAL 1.14 WARRANTIES: A. All equipment and installations shall be warranted for a period of one (5) year from substantial completion for equipment and 1 year for labor unless otherwise indicated in the drawings.

Response: The warranty period shall be 1 year. With 5 year parts warranty on the tower. See spec section 15711 1.05.

9. On M-1 The VFD's Are listed as Danfoss. Are ABB or equal allowed ?

Response: ABB is an acceptable Manufacturer.

10. Please clarify Wire size is a 2/0 for 200mps or a 3/0 per NEC. And wire should be installed in a 2" not 1-1/2" is this intent.

Response: 2/0 copper is adequate. New conduit shall be 2" for fans. Existing conduit can be reused if field conditions allow.

11. Is all strapping on the Mcc to be stainless steel or just on the replacement units only?

Response: Replace all existing exposed conduit with schedule 80 PVC and all existing straps and supports with stainless steel straps and supports.

12. To have a UL Master Label as indicated on Lightning Protection drawings Notes # 8. There should be a Surge Protection Device (SPD) installed in the Chiller Yard, this is not shown on the drawings, is the intent of the drawings as all work to be per NFPA 780 to included a SPD.

Response: The UL master label is not required. The intent is to reinstall the system that is currently installed and meet UL and NFPA installation requirements.

13. There are no specs for the strength of the concrete for the sidewalks and curbs which will need to be replaced; will 3000 psi concrete be sufficient?

Response: 3000 PSI is acceptable. Any damaged concrete or curbs shall be cut out and replaced with a similar section. Similar to the existing installation.

14. Can you give us an idea of the thickness of the asphalt and the base outside from the cooling towers gate?

Response: We do not know the existing thickness of the asphalt. Civil drawings of the existing installation are available from the TSA.

15. Can some of the trees which are adjacent to the cooling tower yard be trimmed to facilitate replacing the towers?

Response: TSA will trim back the trees to the fence before construction. Any additional trimming will be the responsibility of the contractor.

16. Do you have some more epoxy paint specs besides what is on the plans to match the existing color?

Response: No. We will review the painting spec with a specific supplier once the GC is determined.

17. Will we be able to temporarily close the drive to switch out the cooling towers?

Response: Yes, but this will need to be coordinated and scheduled ahead of time with the TSA and the general contractor.

5. **Bid opening date shall be revised to 11:00 AM December 21, 2010 at the Tampa Sports Authority Office.**

6. **Replace Bid Form with Revised Bid Form (next page)**

BID FORM

Project: RAYMOND JAMES STADIUM
COOLING TOWER REPLACEMENT
BID #11-03
TAMPA SPORTS AUTHORITY

The undersigned has attended the mandatory pre bid meeting, examined all Contract Documents, and the site for the above project and agrees to furnish and pay for all labor, materials, equipment, plant, appurtances, services, taxes unless declared exempt by the Contract Documents and utilities required to complete this project according to all the requirements of the Contract Documents, including all addenda, at and for the price(s) stated below regardless of any increase in wages or material prices.

The Contractor in submitting this bid guarantees the following priced for forty-five (45) days:

| | |
|--|------------------|
| BASE PROJECT BID: | |
| _____ Dollars | \$ _____ |
| Price in words | Price in Figures |
| Alternate # One, Provide type 304 stainless steel towers in lieu of specified type 316 DEDUCT FROM BASE BID | |
| _____ Dollars | \$ _____ |
| Price in words | Price in Figures |

END OF ADDENDUM TWO