

Horry Georgetown Technical College
Project H59-N779-FW HGTC Bldg. 1000 Cooling Tower Resizing and Relocation
March 11, 2014

Addendum #1

General: Wherever the term “Resident Engineer” or similar occurs anywhere in the specifications, it shall be construed to mean the Owner’s Representative or Engineer.

Specification Section 23 65 00 – Cooling Tower: Add paragraph 1.2 E: Controls for cooling tower, pump, and related items, shall be contracted with Control Management Incorporated by this contractor.

Specifications: Remove Note: AIA A310 and substitute actual AIA 310 document.

Specifications: Section 23 05 30, paragraph 2.4 A: Delete Nailor 1110 and substitute “United Enertech” CD-120 with Belimo LMB24-SR proportional controller.

Specification Section 23 05 41 – Delete section in its entirety and substitute attached Section 23 05 41.

Drawing M101, Cooling Tower Schedule – Delete sentence which reads “Tower shall be mounted on Kinetics Model FLSS spring isolators with 4” deflection.”

Section 23 05 41 Seismic Restraints

Unless otherwise specified, **all mechanical, electrical, and plumbing equipment, pipe, and duct shall be restrained to resist seismic and wind forces except those items specifically exempted by code.** Restraint devices shall be designed and selected to meet the seismic requirements as defined in the IBC-2012 building code. Seismic restraint supplier shall provide submittals with calculations to determine restraint loads, resulting from seismic forces presented in ASCE 7-10. Submittals to include anchor calculations for all floor and roof mounted equipment (including wind load calculations where applicable), all suspended and wall mounted equipment 20 lbs. or greater (including air terminals), layout drawings indicating exact locations of restraints for piping and ductwork. The engineer doing the anchor calculations shall also design the housekeeping pads. Seismic calculations and lay out drawings shall be stamped by an engineer with a minimum 5 years' experience and licensed in the project's jurisdiction. The seismic supplier shall provide a certificate of professional liability insurance for the seismic engineer for an amount not less than \$1,000,000.00. The engineer stamping the drawings or his designated representative shall make periodic inspections to assist the installing contractor in complying with the submittals. All seismic cable restraints shall be UL listed or independently tested, certified and approved by an outside agency as a system of seismic restraints. All roof curbs shall be designed and certified by a professional engineer to resist the required seismic and wind loads. The curb supplier shall provide submittals by an engineer licensed in the project's jurisdiction.

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Pre-Bid Meeting March 10, 2014 @ 3:00 p.m.

Questions & Answers

Q. Will all controls be considered as part of this bid?

A. Yes. HGTC has a vendor preference which is Controls Management Inc.

Q. Are the carbon monoxide monitors under this contract?

A. Yes, there are six monitors and dampers required

Q. Is CMI a Local Company?

A. Yes, Myrtle Beach

Q. Should CMI price be included in bid proposal?

A. Yes

Q. Who bids the chemical Treatment?

A. Contact C.C. I. for required work

Steve Barbour, ph 843-921-7365, e-mail sbarbourcci@sc.com

Q. Is this a closed or open loop?

A. Open

Q. Who does the contractor coordinate the flushing system with?

A. HGTC will coordinate with C.C. I.

Q. Who supplies HGTC's water treatment chemicals?

A. C.C.I.

Q. Will the College be shut down during the turn over period from old to new equipment?

A. Not unless necessary. It would have to be over a weekend and for as minimal a time as possible.

Q. Is HGTC replacing or relocating the pump?

A. We are doing both. A new pump is required at new cooling tower location. Delete cooling tower pump existing in mechanical room.

Q. Is vendor replacing all the piping?

A. No. Existing pipe can be used and only the lengths needed to extend to new location will be required. It is specified that PVC pipe be used and can be connected into the current set up.

Q. How deep are the pipes to be buried?

A. 3 ft.

Bid Alternate 1

Reference Section 23 65 00 Cooling Tower - Evapco model LPT0529 is approved for bidding. It must be listed on Bid Form SE-330 as Alternate 1.