

## Request for Information No. 03

**From:** Kenyon & Partners, Inc.  
**To:** Interested Parties  
**Date:** May 1, 2009  
**RE:** SE Chiller Plant – Bid Process – RFI No. 03  
KPI #081106

The following are responses to the RFI's reviewed at this time.

### **Mechanical**

Comment 1: Drawing C-6: Has the relocation of two communication 6" PVC conduits with two underground vaults; is this in the scope of work that we are bidding on May 7, 2006? If this is in our scope for this project what exactly is the scope of work, conduits, vaults, interduct, tie-in to existing manholes? We would also need specifications on the underground vaults, and interduct's and sizes. There is also a note in the upper right of the drawing that states adjust existing buried electric & communications to avoid conflict with proposed drainage pipe, please advise scope of work for this note. None of the above is on the electrical drawings.

*Response: This work shall be completed by the utilities contractor.*

Comment 2: Drawing C-9: This drawing has six relocated underground electrical and communication conduits in detail D4, are these in our scope of work? They are not indicated on the electrical drawings.

*Response: This work shall be completed by the utilities contractor.*

Comment 3: Drawing E-2: Note#10 on this drawing indicates one 6" conduit running south and one 6" conduit running north for communications, it also states to communications manhole 115, please clarify. What sizes should the interduct be?

*Response: Remove the conduit to the south. Electrical Contractor will need to coordinate fiber interduct with fiber provider.*

Comment 4: Drawing E-3: Lightning Protection note 6 states to connect to the existing Sundome system, if the mechanical screen wall is attached to the Sundome we can not provide a UL Master Label without certifying the entire structure which could be quite expensive. Please advise as to how you would this handled.

*Response: Note # 6 on sheet E-3 will be changed to read "Provide UL Master Label lighting protection system per UL 96A, LPI-75 and NFPA-780. Tie between chiller plant and Sundome to be removed.*

Comment 5: Drawings E-4 & E-5: These drawings have the electrical contractor supplying the disconnect switches for the fan coil units, in accordance with the schedule on M-22 the division 15 contractor is supplying these switches, please advise.

*Response:* The disconnects will be furnished and installed by Div. 15 and wired by E.C..

Comment 6: Specification section 16060-3.03 Counter poise- specifications call for a copper counterpoise around the building, this is not shown on the lightning protection plan on drawing E-3. Is a counterpoise required for this project?

*Response:* Yes, there is a counterpoise ground around the building to tie all the services together.

Comment 7: On the bid form there are two prices, one for interior 5KV and below work and one for exterior 15KV work. I will break the two prices as 5KV interior work will include all conduits, 5KV wiring, and termination on the load side of the new transformer, fused side of the PMH-7 switches, and empty conduits from the future transformers and PMH-7 switches stubbed into the building, and all 5KV work in the VFD's and motors for the chillers. Exterior infrastructure will be all 5KV and 15KV work in the electrical yard. Please advise if this is correct.

*Response:* Your approach is correct. The plant work includes the secondary connections to the transformers, similar to standard utility requirements. The bid form has a line item which would be a complete price from a GC, so that is why you may be getting those types of calls. Feel free to quote them, but historically, in this type of project, the mechanical and electrical trades are awarded independent of the building. There will be a modified bid sheet issued next week clarifying these items.

Comment 8: In reference to mechanical notes on drawing M-7, do you intend for the Mechanical Contractor or Structural Contractor to provide the steel pipe support structure?

*Response:* The Mechanical Contractor will provide pipe hangers and the Structural Contractor will provide the pipe structural framing and connections to the structure.

**End of RFI No. 03**