Questions and answers for solicitation B1900084 – COUNTY ROAD 15 TOWER UPGRADE

April 4, 2019

1. Question: If 18” tall manufactures curb is not available for the new HVAC Unit, would a standard 14” tall curb be acceptable, or should we quote a 24” tall manufactures curb?

   Answer: The curb must be tall enough to provide a minimum of approximately 12” clearance to the bottom of the HVAC unit or to any ductwork that may penetrate the side of the curb. The unit designed around has a duct through the side of the curb to allow for the side discharge required for this application. That is why it is listed as a taller than standard curb height.

2. Question: Would 3” (R-12) interior Duct Liner Insulation be acceptable for the exterior supply and return air ducts or must these ducts have external insulation with a layer of sheet metal per the Mechanical General Note #25?

   Answer: Exterior insulation with a secondary sheet metal skin is required for additional weather and vermin protection than a single layer duct system provides. A combination of liner and external insulation may be used if that helps with installation.

3. Question: Does the new supply air duct inside the building require any insulation? If so, what?

   Answer: The supply air ductwork inside the building does not require any insulation since it is all exposed within the space.

4. Question: Will we need to fill in any visible abandoned screw and anchor holes in the concrete wall left over once we have demo’ed everything?

   Answer: Yes, fill all abandoned anchor and screw holes.

5. Question: Does all ductwork get burglar bars installed?

   Answer: Yes. Any duct that penetrates an exterior wall will have burglar bars installed, new or existing.

6. Question: Does old generator control panel get removed.

   Answer: GC to remove existing generator control panel.

7. Question: Is the existing exterior duct to be reused or should we demo the existing exterior ducting and replace with all new duct?

   Answer: All ductwork shall be replaced.

8. Question: Does the existing tower structure have any high voltage cabling which may interfere with the use of a crane near the structure?
Answer: No, the only high voltage cabling on the site is for the utility power feed to the building. The limited extent of that cabling should not prevent crane use on the site.

9. Question: Can the metal cat walk above the unit location be removed and reinstalled to accommodate the use of a crane?

Answer: The catwalk can be removed as long as the GC can be certain that removing it will not cause any structural damage to the rest of the tower, and it must be replaced exactly as it was before removal.

10. Question: The plans show the new supply duct to enter the room. In the room there is an existing rack system hanging in the way where the supply duct is to be installed. Please confirm that we should provide pricing to complete duct work to accommodate the rack system.

Answer: Ductwork shall be installed to accommodate rack system.

11. Question: Sheet E-100: Detail 4: New Work Key Note 12 (Generator Shall be provided with integral load center as origin for accessory loads. See single line.) Detail 3 (One-Line) is showing Gen Panel to be mounted in interior. Please confirm intent.

Answer: Design intent is to have a load center within the generator to feed the generator block heater and battery charger and outlet within the generator enclosure. If contractor would prefer to run separate circuits out of the building for those items it would be allowed.

12. Question: Is there any time restriction for site to be without power during the re-work of One-line portion? Will radio equipment be operational during construction or can it be shut down for an extended time?

Answer: No, the building is not currently in use.

13. Question: Do we need to add a Duct Smoke Detector to the new return air duct?

Answer: Building is unoccupied and does not have a fire alarm system so no duct detectors will be required.