1. **QUESTION**: Do valve bodies have to be replaced, or can we just upgrade the pneumatic head?  
**ANSWER**: Shall not be replaced, delete Item ‘F’, pg. 52 of the Specifications.

2. **QUESTION**: Could you provide an existing valve schedule?  
**ANSWER**: See valve schedule on Drawing Sheet M-4.

3. **QUESTION**: Can we reuse the existing T-stat locations?  
**ANSWER**: Yes.

4. **QUESTION**: Can we reuse existing wire if in good condition?  
**ANSWER**: Yes.

5. **QUESTION**: Do all boxes and reheat have DDC electrical controls?  
**ANSWER**: Yes.

6. **QUESTION**: Will an operator workstation need to be provided as part of the job?  
**ANSWER**: Yes, all included under item ‘P’ & ‘Q’, pg. 53 of the Specifications.

7. **QUESTION**: Are graphics required? If so, to what detail?  
**ANSWER**: Included unit item ‘M’, pg. 53, and subsection 3.06 on pg. 63 of the Specifications.

8. **QUESTION**: Is refurbishing of the air handler drain pan included in the contract?  
**ANSWER**: No.

9. **QUESTION**: Is installation of the boiler stack included in the contract?  
**ANSWER**: No.

10. **QUESTION**: Will we need an air compressor?  
**ANSWER**: No.

11. **QUESTION**: Is existing insulation in the mechanical room to be removed?  
**ANSWER**: No. Insulate exposed chilled and hot water piping and fittings in the mechanical room and fan room.

12. **QUESTION**: Is there a VAV box schedule?  
**ANSWER**: Yes, on Drawing Sheet M-4. Delete VAV and heating valve replacement.
13. **QUESTION**: Do VAV boxes 1-11 already have a DDC valve?  
**ANSWER**: Yes.

14. **QUESTION**: Sensor or 3-way valve at boiler?  
**ANSWER**: 3-way valve included with boiler installation (existing).

15. **QUESTION**: Wire thermostats?  
**ANSWER**: Yes, as required.

16. **QUESTION**: Are CO₂ sensors required?  
**ANSWER**: Add CO₂ sensor in the return air and provide control from the control system.

17. **QUESTION**: Are we responsible for changing the automatic transfer switch for the electrical gear?  
**ANSWER**: No.

18. **QUESTION**: The scope says air and water balance are to be provided. Can't find AH or VAV schedule or air distribution schedule, CFM requirements etc. We cannot provide a quote without.  
**AMENDED ANSWER**: Air and Water Balance: Provide AIR AND water balance of FOR THE equipment as shown on the equipment schedule and volume box schedule on drawing sheet M-4, including 61,400 cfm supply fan (SF-1) and 60,000 cfm return fan (RF-1).

19. **QUESTION**: There are many seismic details on the drawings, please provide clarification as to why they are there.  
**ANSWER**: The only attachment requirements are detail 4 (diagonal bracing only), detail 5 & detail 10.

20. **QUESTION**: Hanger and pipe painting is also listed, but no color details found on the drawings.  
**AMENDED ANSWER**: Delete painting requirements, except new work performed, AND INSULATION (COLOR TO MATCH EXISTING).

21. **QUESTION**: There is a requirement to connect to the existing Apogee System, which essentially makes Siemens the only qualified bidder.  
**ANSWER**: The controls contractor shall provide a system capable of integrating with the existing Siemens Apogee system. The interface shall be acceptable to the City.

22. **QUESTION**: Do the DDC controls on VAV boxes and reheat coils need to be upgraded?  
**ANSWER**: Yes. Provide upgrade of EMS controls on all VAV boxes and reheat coil valves.

23. **QUESTION**: The spec. says to mount the space sensors at 4 feet above finished floor to comply with ADA. On walls where we can't fish down the wall about a foot to 4 ft., will exposed wire mold be acceptable?  
**ANSWER**: Yes.

24. **QUESTION**: Will we have to install access doors under each VAV box and reheat coil in the ceiling or just mark their location with a red dot on the ceiling tile?  
**ANSWER**: No, just mark their location with a red dot on the ceiling tile.
25. **QUESTION:** Does the library have spare ceiling tiles if some get broken during the controls system retro-fit?
**ANSWER:** No.

26. **QUESTION:** Please confirm Trane Tracer as an acceptable product manufacturer per specification section 1.04 D on Page 58.
**ANSWER:** Acceptable manufacturers are per specification section 1.04 D on Page 58.

27. **QUESTION:** Per previous clarification on 6-12, and confirmed on the jobwalk on 6-17, all the VAV boxes are presumed to have DDC controllers, and all the reheat valves DDC valve control. Please confirm that the intent is to upgrade the VAV controllers, and eliminate requirements for replacing the valves.
**ANSWER:** Refer to questions-answers #1, #5, #12, and #22.

28. **QUESTION:** Please confirm the final desired location of Flow Meter FM-1 referred in the points matrix on page 55. Is this the same meter shown in the chilled water system detail on M-7 located on the discharge of Chiller one, or it is an additional meter?
**ANSWER:** Flow meter shall be installed as shown on the flow diagram on 1/M7.

29. **QUESTION:** Chilled Water system detail on drawing M-7 shows a new flow meter to be installed for future chiller, is this part of the scope?
**ANSWER:** Provide flow meter on chiller CH-1 only.

30. **QUESTION:** Does this work require a City permit?
**ANSWER:** Yes, per the Special Provisions.

31. **QUESTION:** Will labor from within San Joaquin County count towards the Local Employment Ordinance?
**ANSWER:** Refer to definition of “Resident of Stockton” in the Local Employment Ordinance.

32. **QUESTION:** Concerning asbestos on the bottom side of the roof deck, will the City remove all potential asbestos fibers that may have fallen from the roof deck on to: ceiling tiles, duct work, VAV boxes, hangers etc?
**ANSWER:** Cleanup of loose asbestos fireproofing debris in the attic area will include horizontal surfaces, such as any and all equipment that may be present in the project work areas.

33. **QUESTION:** What type of documentation would be provided to show that all asbestos fibers have been removed/contained?
**ANSWER:** At the conclusion of cleaning operations, a final visual inspection will be conducted by the hazardous materials consultant, HMS Inc., and subsequent clearance air sampling of the space will be conducted. The third-party laboratory report with air sampling results and clearance of the space will be shared with the contractor.

34. **QUESTION:** Please confirm VFD's.
**ANSWER:** The VFD manufacturer shall be provided as specified, all to provide equipment to match existing and one supplier for service.