

October 3, 2016

Letter No. 02

Project: DTFAWN-16-R-01814 – Major Mechanical Modernization, Palmdale ZLA

RE: Questions

1. Note 9 on sheet M203 states "vacuum piping to extend outside wall furring coordinate with arch", what is the pipe size and length of the pipe run? **Piping shall be 2" in size to match existing. Length of pipe is quite short. The current vacuum hose connections of piping on the columns needs to be extended through the new furring around the columns.**
2. Is the mechanical seismic engineer required to be licensed in the state of California? **Engineer shall be licensed in the state of California or have licensure reciprocity for the state of California.**
3. Specifications for chillers state chillers are a 2 pass system, after reviewing the manufacturer's drawings of the specified York Chillers. The manufac. specifications state a 3 pass system. 1 and 3 pass chiller systems have cts/ctr and the chr/chs on the same side of the chiller. Plans show cts/ctr and chs/chr on separate sides of the chillers. Please verify. **Basis of design chillers (York YMC2) are available as a 2 pass system. York also has waterboxes to be connected on both end of the tubes. Proceed with chillers as specified, as a 2-pass, and as shown on drawings.**
4. Please clarify the temporary equipment responsibilities (temp chiller, pumps, controls, etc.). Responsibilities are as follows (Providing, maintenance, repairs, cleaning, equipment set-up, equipment tear-down, etc). **Temporary equipment requirements on M005 outline all responsibilities with regards to the temporary tower system. The FAA is only responsible for the operation only of the towers once the facility has transitioned to temporary service. We are in hopes that the contractors are in contact with a full service rental company such as Aggreko (the basis of design) to help with the bid for the temporary system.**
5. For AHU-120 on sheet M203, the note next to the AHU states "typ. 4 places". Are there 4 AHU's in various locations that require piping or is the "typ" note stating the four (4) pipes shown connecting to AHU 120 only. Please advise. **Note 11 is a requirement for the all 4 pipes to/from AHU-120.**
6. Are Johnson Controls, controls and equipment be allowable products on the project? **The FAA Program Office selected Schneider Electric StruxureWare/Andover Continuum as the national standard for all FAA en-route facilities throughout the country. Therefore, the new Direct Digital Control System (DDCS) shall be StruxureWare Andover Continuum BACnet system by Schneider**

Electric, Inc as is required by the SECTION 23 09 00 - INSTRUMENTATION AND CONTROLS FOR HVAC

7. Is there a current water treatment contract (Inhibitors, corrosion protection and scale protection). If so who is the company responsible for the facility? **Contact information as follows: Jess Zablan of Chemco Products Company, Office: (866) 243-6261, Cell: (562) 602-2811.**