

ADDENDUM #3: August 13, 2013

Canyon Power Plant Re-Piping Project

WE ARE ISSUING IMPORTANT CHANGES TO THE REQUEST FOR BID INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

1. Per revised SCPPA RFP - Please confirm that the requirement for replacing gate valves with butterfly valves has been deleted. **[Off-skid piping: replace gate valves with butterfly valves, as shown on drawings, in 316L SS per revised Specification 230523, Manual Valve. On-skid piping: “replace in kind” all valves with similar size and design in 316L SS per revised Specification 230523, Manual Valve.]**
2. Addendum #2, Item 3.E. states that the 2” bronze valves shall be replaced and to “see specification sheet M101 – Work scope instructions for Chiller Skid, 3.2.1.” M101 references Specification 230523, Manual Valve Specification for replacement valves. The 2” bronze valves in question are 2” screwed ball type valves. Specification 230523, Manual Valve Specification does not include ball valves. Please clarify. **[PB has revised Specification 230523, Manual Valve; see section 2.06; to include data specifying 316 SS ball valves for threaded, socket weld, butt weld, flanged applications, all sizes. The threaded joint connection for the new valves is allowed to be verified by the hydro test of the system per ANSI B31.1.]**
3. There are several small (<2”) valved drain and pipe connections to the existing spools that are scoped to be replaced. They appear to use socket welded gate valves for isolation. Specification 230523, Manual Valve Specification covers flanged valves only. Are there specific “small” valve requirements? **[PB has revised Specification 230523, Manual Valve; see section 2.02; to include data specifying 316 SS gate valves for threaded and socket weld applications, ¼ inch to 2 inch.]**
4. Drawing CGD-M114 and CG-M114 shows existing pipe, 2”-AVA-RWS-0006 (discharge from irrigation pump) being demolished and replaced. Please confirm if this line is being demolished and replaced. **[Yes]**
5. Regarding Drawing M-001:
 - a. Scope of Work Note 1 refers to “Line List and Demolition Drawings MD-100.” This drawing and Line List were not included in Package – Please clarify. **[No line list is to be provided to Bidders. Workslope sufficiently defined by furnished drawings. Drawing will be revised if required for successful Bidder.]**
 - b. Scope of Work Notes 5 and 8 call out removal of existing and installation of new Flow Meter FE-1500 in Contractor’s Scope of Work - Please clarify. **[Bidders shall remove, clean and re-install existing Flow Meter FE-1500 Per Dwgs. CGD-114 & CG-114.]**
6. The existing Chiller Skid makeup/quick-fill water piping that will be replaced has Victaulic-type mechanical joints. Please clarify if the replacement piping will require any breakout/removal capacity. Can the mechanical joint be eliminated or if breakout/removal capacity is required, are mechanical joints acceptable or will breakout flanges be required? **[Replace on-skid piping components in kind; install new Victaulic-type mechanical joints compatible to 316L piping material. Successful contractor required to contact skid vendor (TAS Energy) to coordinate piping component changes meet specifications per M101 Workslope Instructions.]**

7. Please elaborate on the scope shown on drawing CG-M114, sht. 1, Rev 1 with respect to the “New Raw Water Transfer Pump Skid”. **[PB: Per M001 – Scope of Work, M001 – Electrical Notes, CGD M114, & CG M114, Bidders to replace pumps and their couplings (refer to CGD-M114), replace piping components in kind per CGD-M114. Reuse Motors, their associated electrical components [M001 – Electrical Notes and CGD-M114 – Note 2], existing instrumentation [CGD-M114 – Note 3], and reuse pump & motor baseplate [CGD-M114 – Note 3].]**

8. Refer to Notes #6, 7 & 8. **[PB: Question too vague. What specifically needs clarification in Notes #6,7 & 8.]**

9. Are we replacing the piping and valves within the skid limits? **[Yes]**

10. Note #6 says to refer to the isometric drawings? There are none in the bid package. **[No isometric drawings available for on-skid piping; isometric drawings have been furnished for off-skid piping 2 ½ inches and above. Contractor to replace in kind].**

11. The P&ID shows Tie Points connecting to the outer limits of the skid, however the lines within the skid are darkened which suggest we are providing this as well. **[Correct, on-skid piping requires replace in kind as marked for demolition and replacement.]**

12. The demolition drawing CGD-M114 sht. 1, Rev 0 shows us demolishing all the piping, including the pumps within the skid limits. Is this correct? **[Yes]**

13. Are the pumps to remain or are we buying new pumps? **[Please purchase new pumps per CG-M114, Pump Schedule.]**

14. With regard to addendum #2, line item #3A, can you please provide us with the name of which acceptance standard that you will require contractors to follow for the ultrasonic non-destructive examination (NDE)? e.g. (ASME Section VII), (API std. 650), etc... **[Contractors shall meet the requirements, or exceed, PB document 232000 – Piping and Fitting Specification. The specification requires the welder and weld procedure to meet ASME IX. The welds shall be visually inspected by a certified welding inspector qualified to ASME section V or AWS D1.1. NDT is not required.]**