G-5301 WFGD Spec Outstanding Issues

Item	Issue	Section	Remarks
1	NPPD to provide contact info for Karla Tremel and Bob Nitsch	Section B, paragraph E	
2	NPPD to confirm number of days to accept retainage payment after final invoicing	Section C, paragraph C	
3	NPPD to insert pre-bid paragraph from the A-2 page	Section C, paragraph F	
4	NPPD to provide expected award date	Section C, paragraph I	
5	Need to determine substantial and final completion dates	Section C, paragraph T, X	
6	Determine appropriate LD values for late documentation and completion dates. Values currently in document are typical values.	Section C, paragraph X	
7	Determine LD values for performance guarantees.	Section C, paragraph X.5	
8	NPPD to advise how many hardcopies of final as-built drawings	Section C, paragraphs W.3.b and W.7.b	
9	NPPD to advise the personnel who should be notified of shipments	Section F, paragraph NN.2	
10	NPPD to advise the personnel who should be notified of deliveries	Section F, paragraph NN.5	
11	Any of the FGD buildings to have office space, or control stations / electrical rooms? This impacts HVAC and fire protection requirements.	Section G	
12	Need to determine schedule	Section G, Section 013216	
13	NPPD to confirm number of hard copies desired for draft version and final version of training manual	Section G, Section 017900	
14	NPPD to determine # of training manuals required	Section G, Section 017900	
15	NPPD to provide existing fire protection system information - fire pump curves, location of fire pumps, fire pump discharge piping layout, existing underground fire loop layout, existing main fire alarm control panel location, manufacturer, spare terminal space, etc. S&L will also review previously received drawings and data.	Section G, Section 210000 Attachment 5	
16	NPPD to confirm what type of fire hose station is preferred - Class II or Class III	Section G, Section 210000	
17	Booster fire pump is likely not required, however, this is based on existing fire system and available supply pressure. For now, spec will include requirements for a booster pump and associated jockey pump	Section G, Section 210000	
18	Interfacing of the new fire systems to the existing fire system main control panel is unclear. Details of existing fire alarm/control system are required and need to determine how and who will perform the interface work. This will apply to other contractors as well.	Section G, Section 210000	
19	Confirm NPPD's intent for gypsum quality and expectations for belt filter chloride washing. Do we want the belt filters designed to accommodate future washing equipment, or do we want washing equipment to be supplied as well. This affects gypsum quality guarantee and associated LD.	Section G, Section 441130 Section C	

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20	Commissioning program: The approach to how commissioning/statup will be performed and managed for this project needs to be clarified. For the time being, the approach will have each contractor be responsible to commission and startup his equipment. However, this may be problematic when interfacing with other contractors. Who would provide overall project oversight and coordination of commissioning work? Does NPPD intend to hire a third party organization to perform commissioning management, coordination, and/or activities? How do we determine division of responsibilities for commissioning?	Section G, Section 481110 Section C	
21	Project Meetings: We currently have requirements in Section g for project meetings. NPPD comment indicates that Sectoin	Section G, Sections 000110 and 013119	
22	S&L has revised specification to include a 2 x 100% set of air compressors and dryers, sized to handle the air requirements for all of the FGD and material handling equipment. These would be located in the reagent prep area. Two receivers (one for IA and one for SA) would be provided, in same area as compressors and dryers. Contractor would have option to provide additional receivers if the design dictates their necessity. Previous correspondence with NPPD suggested that compressors, dryers and receivers would be provided for each unit, with a cross-tie. S&L feels this is unnessesary, involves extra equipment to operate and maintain, and will require the absorber buildings to be larger.	Section G, Sections 011100 and 431250	
23	Will need to insert actual data from GGS MACT testing	Section G, Attachment 2	
24	Need to develop a complete equipment/component numbering guideline that is to be used on the MPCE project for GGS. This needs to be included in all contracts so that the suppliers are aware of how to number their equipment/components.	Section G, Attachment 6	
25	NPPD to provide assumed interest rate credit	Section H, paragraph A	
26	NPPD to provide completion date	Section H, paragraph A	
27	Determine scoring factors	Section H, paragraph D	
28	Update reference drawings as required	Section I, paragraph B	
29	NPPD to advise on requirements for hard copies, if any	Section I, paragraph E.1.a	
30	NPPD to advise contact info for drawings and manuals	Section I, paragraph E.3.b	
31	Due dates for many of the drawing types still to be determined	Section I, paragraph F	