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1	22-Jul-16	Solicitation/pg. 9/FAR 52.214-19 and Section 01 35 26/pg. 8/paragraph 1.6.1.1	Paragraph 1.6.1.1 of section 01 35 26 calls out the Experience Modification Rate (EMR) for subcontractors to be less than or equal to 1.10. It does not list a required rate for the Prime Contractor. Item 4.d in the pre-bid meeting agenda references FAR 52.214-19, incorporated on page 9 of the solicitation, and in pre-bid discussions it was noted that all Prime and subcontractors needed to meet the established EMR and DART rates. What are the required EMR and DART rates for Prime Contractors?	EMR and DART rates for the Prime Contractor are the same rates as those listed for subcontractors.	N	
2	25-Jul-16	Sec 01 11 00 para 1.2.1 a	Will all General Contractors who bid on this project be required to licenced in the State of Georgia	The contractor is required to hold a current Georgia Utility Contractor's License.	N	
3	25-Jul-16	Sec 01 11 00 para 1.2.1 a	Will all Utility Contractors (i.e. underground piping, civil, etc..) who bid on this project be required to licenced in the State of Georgia	The contractor is required to hold a current Georgia Utility Contractor's License.	N	
4	25-Jul-16		Will any permits be required to be obtained from the City of Albany? And if so what are those requirements	No permits are required through the City of Albany.	N	
5	22-Jul-16	Section 43 07 53.16 p6 Table 1	states TSS and TDS influent levels as ---. Please provide TSS and TDS data for verification of proper clarifier selection.	These parameters are not regularly monitored for at the plant. For the purpose of bidding it can be assumed that daily average concentrations will not exceed 100 mg/l for TSS and 500 mg/l for TDS. Section referenced in PPI should be 46 07 53.16 not 43 07 53.16	N	
6	22-Jul-16	Section 43 07 53.16 p11 Table 2	states effluent performance requirements and include parameters not defined on Table 1 Influent Data. Missing Table 1 influent data includes: COD, TSS, TDS, O&G, Phenol and Cyanide. Please provide missing influent data for verification of effluent performance capability.	These parameters are not regularly monitored for at the plant. For the purpose of bidding it can be assumed that daily average concentrations will not exceed the following values : COD - 600 mg/l, Oil & Grease -110 mg/l, and Phenol - 0.5 mg/l. Cyanide has not been detected in the influent wastewater. Section referenced in PPI should be 46 07 53.16 not 43 07 53.16	N	
7	22-Jul-16	Section 43 07 53.16 p7 paragraph 2.2	Paragraph 2.2 states maximum effluent turbidity of 10 NTU but the Table 2 states effluent TSS <600 mg/L. The 10 NTU is more stringent. It's doubtful that 600 mg/L TSS is less than 10NTU. We recommend that NTU measurement be used for effluent monitoring and alarm, not as a performance standard. If 10NTU is a desired performance standard we recommend an effluent filter be employed.	Agree that the permitted effluent TSS takes precedence over an effluent turbidity limit of 10 NTU. The effluent turbidity can be used for monitoring and alarming. Section referenced in PPI should be 46 07 53.16 not 43 07 53.16	N	

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8	22-Jul-16	Section 43 07 53.16 p 11&12 paragraph 2.3.1.1 & 2.3.1.2	2.3.1.1 & 2.3.1.2 states to include coarse bubble diffusers @ 60 cfm in the coag chambers 1&2 for oxidation of Fe. We do not recommend employing air bubbles directly ahead of an inclined plate clarifier as the bubbles can persist and hamper settling performance in the clarifier. We recommend using Ferric Chloride coagulant (instead of ferrous chloride as specified) or use liquid based oxidizers such as NaOCl if any. It also defines a froth defoamer chemical delivery system. This would not be required with FeCl or a chemical oxidizer as we suggest. The use of Fe oxidation in metals removal is a somewhat rare method with limited benefit.	Multiple coagulants have been tried at the IWTP. Ferrous chloride was found to work best and is the preferred coagulant for use at the plant. Coarse bubble aeration is only specified in the coagulation cells and not in the flocculation cell. Coarse bubbles will not be generated directly upstream of the clarifier since the flocculation chamber separates the two zones. Section referenced in PPI should be 46 07 53.16 not 43 07 53.16	N	
9	22-Jul-16	Section 43 07 53.16 p19 paragraph 3.4	Paragraph 3.4 states the wastewater plant is to be entirely skid mounted. It is more economical, easier to layout and operate and no harder to install if the FFM, Clarifier, and operator access platforms are separate skids with minor field assembly.	It is acceptable to field assemble access platforms. However, factory welding and assembly of the treatment chambers on a skid complies with the UFGS standard of performing plant construction in the factory.	N	

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10	22-Jul-16	Section 43 07 53.16 p23 paragraph 3.6	Paragraph 3.6 welding essentially states requirements that are typical for refinery equipment (API 12F). These are quite excessive for this class of equipment and will add considerable cost and delay to the project. We can provide this level of fabrication as we are accustomed to it in our refinery projects however we also know it adds considerable and unnecessary cost in this application. We recommend that fabrication weld maps be generated/approved along with WPS/PQR for the welders per AWS as a suitable compromise.	Welder qualifications, welding procedures and welding inspector certifications that comply with AWS D1.1 are acceptable in lieu of API Standard 12F. Shop drawings and weld maps showing weld sizes, types, lengths and joint geometry are required for either AWS D1.1 or ASME BPVC Section IX qualifications. Also see AWS D1.1, Section 2.3. Fabricator's CWI to perform 100% Visual Inspection of all welds. Provide 10% Radiographic Testing of CJP groove welds in accordance with Specification Section 46 07 53.16, paragraph 3.6.2. Acceptance criteria in accordance with AWS D1.1, Section 6.12. Ultrasonic Testing can be used for base metals 5/16" and thicker per AWS D1.1, Section 6.19.1. Section referenced in PPI should be 46 07 53.16 not 43 07 53.16. Revised Section 46 07 53.16, dated July 29, 2016, accompanies Amendment 0002.	Y	0002
11	28-Jul-16	05-C-401	Is the concrete surrounding the pipe trench 8" thick or 6" thick? It is shown as different thicknesses in the contract documents.	The concrete surrounding the trench is 8-inches thick per Detail C3 on Sheet 05-C-501 as referenced on Sheet 05-C-401, Keynote 8	N	
12	28-Jul-16	46 07 53.16	The package plant manufacturers we have talked to say they cannot meet the specification as written. Can you tell us which manufacturer(s) the specified package plant was designed around?	The designers communicated with Evoqua, Unipure and Veolia in preparing the design. The specification is not intended to limit the solicitation to just those manufacturers.	N	
13	28-Jul-16	02 41 00	During the demolition of existing facilities and construction of new facilities will the contractor be required to temporarily bypass any pipeline flows?	The plant must remain in continuous operation during construction. Depending on means and methods employed temporary bypass of some pipeline flows may be needed.	N	
14	28-Jul-16	02 41 00	Where on base is the recycling facility located?	Buildings 5511 and 5503	N	

Pre Proposal Inquiry (PPI) LOG

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15	28-Jul-16	02 41 00	Confirm that the only salvable materials to be taken to the base recycling facility is the metals and electrical devices. Asll other materials, concrete, asphalt, brick, building materials and building contents that are demolished will be taken to an approved off base landfill.	Review all notes on drawings and specifications. Special attention should be paid to section 01 11 00 paragraph 1.7 and section 01 57 19 .	N	
16	28-Jul-16	02 41 00	Where on base can we take the leftover oil that is currently in the oil tank? Do we know approximately how much oil is in the tank? Will the base personnell test the oil before it is removed?	See note 4 on Drawing 05-C-101 for testing requirements. For bidding purposes assume the tank is full.	Y	0002
17	28-Jul-16	division 33	The specification call for the valve boxes to be coated with a blue bituminous paint. Is there a specification for this paint?	Blue Bituminous Paint (single-component, coal-tar pitch based, 2 coats, 16 mils total thickness)	Y	0002
18	28-Jul-16	32.11.23	The specifications and the drawings are contradictory. Can you confirm what material will be used for the buried gas service?	HDPE pipe shall be used for buried natural gas service.	N	
19	28-Jul-16	division 33	H2SO4 (sulfuric acid) piping material is specified as low density flexible polyethylene in the pipe schedule. H2SO4 tends to wick though this material at higher concentrations (i.e. 93%). Will flexible PTFE tubing be acceptable in lieu of the specified materials?	Sulfuric acid pipe, valves etc. are specified to be 316 Stainless Steel. Please refer to Section 40 05 13.	N	
20	28-Jul-16	46 07 53.16	What is the expected ratio of TPI to recycled sludge in the CPS packages during normal operation?	Sludge is expected to be recycled at less than 5% of the influent flow to the packages during steady state operation. The optimal sludge recycle rate will be determined during performance demonstration.	N	
21	28-Jul-16	46 07 53.16	Paragraph 2.2.C states that the package plant shall treat the wastewater to permitted levels as listed in table 1. Table 1 appears to list the influent characteristics of the wastewater. Confirm all required parameters for the package plant effluent with regards to metals removal.	This paragraph has been amended to refer to Table 2 for permitted effluent limits. Please refer to the amended Section 46 07 53.16.	Y	0002
22	28-Jul-16	46 07 53.16	It appears that the chemical fed systems are only temporary and will not remain once the performance testing is complete. The only permanent feed system will be polymer. Please confirm.	Correct. The only permanent feed system will be the polymer make up and feed system.	N	
23	28-Jul-16	33 05 23	Can directional drilling be used in lieu of jack and bore for the W-1 road crossing? This would use hdpe pipe in lieu of cpvc.	Jack and bore shall be used.	N	
24	28-Jul-16	divisions 43 & 46	Many of the process equipment items are using the Operator Interface Terminal Software that is govermet furnished. Will the Wonderware be sent tp the manufacturers by the government so that it can be installed in the factory, or will this work need to be done in the field on the jobsite?	The Wonderware software can be shipped for factory installation. Contractor shall communicate the request to the Contracting Officer and be responsible for schedule coordination.	N	
25	28-Jul-16	03 30 00	Can type C fly ash be used in lieu of type F fly ash in the Cast-in-Place concrete mix.	The UFGS specifications employed on this project do not permit the use of Class C fly ash.	N	
26	1-Aug-16	Drawing Bid Set	The drawings 60-E-101 and 70-E-101 listed in the drawing index (01-G-002) are missing from the set. Please make them available to download.	Attached	Y	0002
27	1-Aug-16	Drawing 20-E-604	No details, location, or panel schedule is given for panel "CB-2" shown on sheet 20-E-604. Please provide more information.	Panel CB2 was given the tag PNL-2600/03. Panel schedule is attached.	Y	0002

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28	1-Aug-16	Drawing 05-E-104	No conduit routing or dutbank details are shown for any of the "Exterior Equipment". Please provide details about intended routing, concrete encasement, pullboxes, etc.	Details of the installation are left to the Contractor to determine the best routing. Special Scheduling Requirements are given in 01 14 00 paragrah 1.3 g. General notes on 20-E-604 apply.	N	
29	1-Aug-16	Specification section 26-20-00 Interior Distribution System	No information is given on the drawings to indicate the desired NEMA rating and materials for panels, transformers, and equipment. The specifications call for NEMA 1 on many enclosures which is unsuitable for the environment of some of the equipment. Please provide the desires NEMA type (1,3R,4X,12,etc.) and material (painted steel, aluminum, stainless, etc.) based on the mounting location of the equipment.	Indoor equipment is NEMA 1. Outdoor equipment is NEMA 3R. The specification requirement for NEMA 1 rating for the interior panels is correct as the panels are not mounted in process areas	Y	0002
30	22-Aug-16	Paragraph 1.3.1, Paragraph 3.2.2, and Paragraph 3.4.2.a of Section 02 82 33.13 20	I've read Paragraph 1.3.1, Paragraph 3.2.2, and Paragraph 3.4.2.a of Section 02 82 33.13 20 several times and am trying to make sure I understand the intent of this specification. Paragraph 3.4.2.a says to dispose of lead-contaminated scrap at a location on base, which indicates that the lead based paint is to remain on the steel as it is turned over to the government for recycling. Paragraph 3.2.2 says "remove paint within the areas designated on the drawings...", but I cannot find anything on the drawings indicating that the paint is to be removed, which reaffirms that the lead based paint is to remain on the steel as it is turned over to the government for recycling. Is it your intent for the contractor to take the structures (upper clarifier wall, tanks, beams, columns, ladders, pipe, etc.), with the lead paint still in place, to the Base salvage area for the government to recycle?	Structures to be recycled can be turned over to the Government without removal of paint.	N	
31	22-Aug-16	Paragraph 1.3.1, Paragraph 3.2.2, and Paragraph 3.4.2.a of Section 02 82 33.13 20	Is it your intent for the contractor to remove the lead based paint from the structures (upper clarifier wall, tanks, beams, columns, ladders, pipe, etc.) before they are taken to the Base salvage area?	No, structures can be turned over as is.	N	
32	22-Aug-16		Is there sludge in the existing sludge holding tank?	The Government will pump out any existing sludge.	N	
33	22-Aug-16		If there is sludge in the existing sludge holding tank, who is responsible for the sludge disposal?	The Government will pump out any existing sludge.	N	
34	22-Aug-16		Are there contents in the stainless steel tank that is to be salvaged, and what is to happen with those contents?	The Government will empty the tank.	N	
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