Madrona & Westside pH Treatment Bidding Question and Response Log

Overall Question Received Date		From	Question	Proposed Response	Addendum	
	1	1/12/2024	Scott Candler candlerconsulting@comcast.net	We represent Zurn trench drain products in the Northwest. Trench drains are specified in Section 22 00 00-2 and 3. Will the City entertain substitution requests prior to bid opening? If so, to whom should substitution requests be	Material substitutions will be reviewed after award of contract, materials meeting the requirements of the specifications will be considered.	
	2	1/17/2024	Brian Johnson brian@laboratorydesign.net	sent? Our company is looking to bid on the Madrona & Westside pH Treatment project, as a Subcontractor. We are specifically looking to bid on Section 123553.13 - Lab Furniture. We do not offer Kewaunee Lab Casework (as noted in the specs), but can offer an alternate product that we've substituted many times (BMC Metal-ARC). Are we required to submit a pre-bid substitution in order to bid BMC Metal-ARC? If so, is there a specific Substitution Form we should use?	Manufacturer substitutions will be reviewed after award of contract, materials meeting the requirements of the specifications will be considered.	
	3	1/25/2024	David Overland do.wcclsystems@outlook.com	Would you mind letting me know the locating of these 09 900 00 severe condition System 203 Fusion Bond Epoxy and System 208 Mastic and System coating areas? Which pipes / metal areas are coated with these severe condition coatings?	Fusion bonded epoxy is allowed as a substitue per the footnote on the coating schedule and is specified for certain valves and fittings under their respective spec sections, it is anticipated that these valves and fittings will be supplied by the manufacturer with these coatings. Spec section 09 90 00 has been updated to reflect that system 208 is NOT USED in Addendum 1.	1
	4	1/16/2024	Nichole Goodland n@wmclarkandassociates.com	I would like to respectfully request your kind consideration of Sika Sarnafil's G410 Décor Roof fully adhered PVC roof system on the Madrona and Westside pH Treatment Facilities Project in Washington. The purpose of my request is to provide to the Owner a quality product that has a proven performance track record in excess of 50 years and used extensively in the market. Sarnafil Décor System is equal to the project requirements, as depicted in Section 074113 of the Division 7 Specifications. We would like to see Generac added to the list of approved	Material substitutions will be reviewed after award of contract, materials meeting the requirements of the specifications will be considered. Specification will not be modified to allow non-metal roofing products.	
	5	1/15/2024	Kerry Nicolaus knicolaus@energysystems.com	manufacturers for this project. Our equipment meets all the specifications, we have the shortest leadtimes and likely the most competitive pricing for this project. We also can offer the equipment through Sourcewell, which typically saves customers about 15% on the equipment when compared to buying it through the contractors without Sourcewell.		
	6	1/9/2024	Tyson Poeckh TPoeckh@ci.lacey.wa.us	We are going to need an addendum to correct the cover pages on the plans and specifications. The currently posted set has Scott Spence listed as City Manager and/or needs Council members updated. Also please check to see if the plan cover sheet is missing any signatures.	Updated cover sheets are included in addendum 1 for package A and B. The City Manager has been updated to Rick Walk and City Council members have been updated (Ed Kunkel has been removed, Nicolas Dunning has been added). The public works director signature block is included on all cover sheets.	1
	7	1/12/2024	Ron Lubovich ron@bainbridgeelectric.com	We have a question regarding conduit use. Specification section 26 05 33 1.2.C states all under slab conduits to be pvc coated rigid Specification section 26 05 33 3.1A Table A indicate concealed power circuits beneath slab on grade are PVC Is this a conflict or is the intent to allow pvc conduits to be installed when installed below the slab not in the slab?	Provide PVC coated rigid beneath slab. Addendum 1 will remove conflict.	1
	8	1/12/2024	Cody Wolfe Cody.Wolfe@milesresources.com	I was looking into the paving for the Westside pH Treatment projects and im coming up with large quantity discrepancies for both locations. Are you able to confirm the area of paving for both the A and B plan sets? Approximate Schedule A Total HMA SF = 4200 SF Approximate Schedule B Total HMA SF = 16700 SF	The HMA quantities are correct as currently shown on the contract proposal. Please note site layout key note 20 on sheet C-3 of package A, all existing asphalt shall be repaved. This accounts for approximately 8100 sf of the package A HMA area.	
	9	1/26/2024	Duff Simpson duffs@hdfowler.com	The two TREATMENT facilities have 8" TRENCH DRAINS per the PLUMBING SPEC and the MECHANICAL PLAN SHEETS . I see that plan sheet S-6 in SCHEDULE B number 6 section view shows a 6" size trench drain. What is needed and what is the model number required?	The trench drain sizes identified on the structural sheets are correct (8in ID for Schedule A, 6in ID for Schedule B). Refer to structural sheets for model number, approved equals will be considered. See Addendum 1 for updates to Sheet M-3 and Specification 22 00 00	1
	10	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	THIS BE SCH80 PVC SIMILAR TO THE PVC NOTED @ THE WESTSIDE TREATMENT PLANT?	Yes. See Addendum 1 for update to Specification 40 05 13.	1
	11	1/29/2024	MICHAEL BAKER Michael Baker1@ferguson.com	MARDONA,, 40 05 13, WE FIND NO SPECIFICATION FOR SCH80 PVC PIPE, ONLY CPVC. IS CPVC PIPE REQUIRED AT ALL "PVC" REFERENCES OR WILL STANDARD PVC BE ACCEPTABLE?	See Addendum 1 for update to Specification 40 05 13. CPVC required for Sodium Hypochlorite as noted on addendum update	1
	12	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	${\tt MARDONA,M-3/M13,DWGM3SECTIONAAPPEARSTOSHOWAVALVEONTHEHORIZONTALRUNOFTHE}$, 1
	13	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	WATER QUALITY LINE IS ALSO SHOWN IN THE UPPER HORIZONTAL RUN IMMEDIATELY AFTER IT LEAVES THE ARV RISER. ARE (2) TWO VALVES REQUIRED ON THIS LINE OR ONLY (1) ONE?	Only one valve is required between the tee off of the ARV and trench, either location is acceptable. See Addendum 1 for updated Sheet.	1
	14	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	MARDONA, M3, 46 51 15, WE FIND NO SPECIFICATION FOR THE "12" FLEXIBLE COUPLING" AT THE AERATION UNIT VENT PIPE AND THEY DO NOT APPEAR AS PROVIDED BY THE PACKAGED AERATIONJ SYSTEM SUPPLIER. WHAT ARE THE REQUIREMENTS FOR THESE FLEXIBLE COUPLINGS?	See Addendum 1 for update to Specification 46 51 15. The vent flexible couplers are to be provided by the aeration unit manufacturer - fernco flexible coupler or similar. This support should be in confromance with specification section 22 05 29. Per the	1
	15	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	RELIEF LINE IN DETAIL 4-C6 AS IT APPEARS TO BE A DOUBLE LATERAL BRACE ON DWG M2?	rispansia support should be in commanded with a specimental section 25 of 25.7 Fe the specification, structural design of pipe supports accounting for seismic conditions is the responsibility of the contractor. See updated detail in addendum 1. The detail callout is correct, the sump discharge pipe should be 1-1/4". The 2" drain line label	1
	16	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	WHERE AS DWG'S C6 & C9 SHOWN THE DRAINS FROM THE METER VAULTS TO BE 2". WHICH IS CORRECT?	has been removed on sheets C-6 and C-9 in Addendum 1.	1
	17	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	MARDONA, PROPOSAL FORM , WE FIND THREE(3) 4" GATE VALVES ON THE MARDONA PROJECT. IS THE BID PROPOSAL AMOUNT INCORRECT OR SHOULD 2 EA GO IN A DIFFERENT ITEM? IF SO WHICH ONE?	Bid proposal amount is correct. Refer to Section D Special Provisions for measurement and payment of bid items. All valves, piping, appurtenances etc within the new treatment facility at Madrona are included in bid item A41 - Treatment facility. Bid proposal amount is correct. Refer to Section D Special Provisions for measurement and	
	18	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	MARDONA, PROPOSAL FORM , WE FIND NO BID ITEM FOR THE 10" GATE VALVES. WILL A LINE ITEM BE ADDED FOR THESE OR SHOULD THEY ALL GO INTO A19?	payment of bid items. All valves, piping, appurtenances etc within the new treatment facility at Madrona are included in bid item A41 - Treatment facility. Bid proposal amount is correct. Refer to Section D Special Provisions for measurement and	
	19	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com		payment of bid items. All valves, piping, appurtenances etc within the new treatment facility at Madrona are included in bid item A41 - Treatment facility.	
	20	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	THE PROPOSAL FORM SHOWS EIGHT (8). SHOULD WE ADD AN ADDITIONAL VALVE TO MATCH THE BID FORM?		
	21	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com	WESTSIDE , M10, IN LINE WATER FILTERS ARE SHOWN ON THE FW & SW LINES IN THE WELLS 21, 22 & 28 PLANS. ARE THEY REQUIRED AT WELLS 1,2 & 3?	Yes, see revised Schedule B sheets M-10,11,12 in addendum 1. See Addendum 1 - Mechanical valve schedule has been updated for FCV01A, 01B, 02A, and	1
	22	1/29/2024	MICHAEL BAKER Michael.Baker1@ferguson.com MICHAEL BAKER	THE BOOSTER PUMP THAT IS NOT SHOWN ON THE DISCHARGE SIDE OF THE MADRONA PUMPS. ARE		1
	24	1/29/2024	Michael.Baker1@ferguson.com Cody Wolfe	EXPANSION JOINT REQUIRED ON THE DISCHARGE PIPE AT THE MADRONA PUMPS? Looking at sheet C-6 for schedule A I believe there is some hatching missing on the paving plan showing the paving limits. Can you verify that paving hatching for schedule A?	The hatching for the remove and replace pavement portion was intentionally not included for the purpose of readability of the plan sheets. This removal and replacement is noted by keynote 20 on sheet C-3. Quantities listed in the bid	
	25	1/31/2024	Cody.Wolfe@milesresources.com Shawn Parsons Shawn@mcclureandsons.com	It states that you want the existing pavement to be removed. This is a full depth removal and haul off. Do you have any information on the depth of the current mat? The details call for a new 6" mat to be installed with a 8" sub-base Should I use this number for my removal estimate?	proposal are correct. Existing asphalt is 4-6" thick. See Addendum 1 for revised note. Existing sub-base may remain.	1

26	1/31/2024	Shawn Parsons Shawn@mcclureandsons.com	I also found a minor discrepancy in the number of bollards to be installed. I found a total of three instead of two	Correct, there should be 3 bollards for package A. See Addendum 1 updated bid proposal form.	1 Yellow highlight because addendum text drafted as replacing entire page - to be confirmed by the City.
27	1/22/2024	Jim Joyce jjoyce@pumptechnw.com	Pumptech has a question about the process for adding another integrator to the list of approved system integrators.	Approved integrator list for this project will not be revised.	
28	2/2/2024	Mike Dunn mdunn@pumptechnw.com	Who is the basis of design for the 43 21 52 Deep Well Vertical Turbine Pumps? Re: Sch A, Dwg C-6 – note "Existing site asphalt pavement to be removed and repaved per Det 4 Sht C-5"; What is the thickness	Integrity. See Addendum 1 for revisions to design point and dimensions.	1
29	2/2/2024	Ralph Raymond Rraymond@paccivil.com	and makeup of the existing asphalt pavement section? Also, please clarify whether the existing aggregates and geotextile are to be replaced, (or only the asphalt pavement)?	See Addendum 1 for updated note clarifying intent.	1
30		Ralph Raymond	Re: Bid Item A32 & B33 Chain Link Fence – Will this pay item include all gates, controllers, drives, and concrete pads? Is the pay		
31	2/2/2024	Rraymond@paccivil.com	length measured thru the gates? Re: Section 5/5-6 Generator Slab Section, note, "Subgrade preparation per specs". We assume that "specs" refers to the soils	Yes, See Section D 8-12	•
31	2/2/2024	Ralph Raymond Rraymond@paccivil.com	report appended to the specs, and that the subgrade preparation will be overexcavation and 12" of CSBC fill, but without the need for a capillary break and vapor barrier for exterior slabs. Please confirm.	Yes. See also Spec 31 23 23 Part 3.4 G.4.c	
32			Re: Bid Items A10, A11, B9, & B10 CSBC and CSTC – Please confirm that these bid items cover subgrade materials under asphalt, sidewalks, driveways, building concrete slabs, concrete pads, surfacings, bedding, pipe zone, and trench backfill where called out	Under asphalt, sidewalks, and driveways only. Piping (water and storm), treatment	
-	2/2/2024	Ralph Raymond Rraymond@paccivil.com	in the drawings, specifications, and soil report? If not, please define how aggregates are paid for each area listed.	facility, vault structure and mechanical, standby generator all incude bedding / backfill within those respective items. See addendum 1 for some minor clarifications. CSBC is also consistent with geotech report recommendations based upon	1
33		B	Please resolve conflicting requirements trench backfill. Shall it be CSBC (per 31 23 23, 2.1, B), or Native, or Bank Run, or CSBC	gradation. Addendum 1 includes clarifications regarding the use of native (under	
00	2/2/2024	Ralph Raymond Rraymond@paccivil.com	(per Lacey Standards on drawings C-8a & C-12), or CSTC (per the HWA Geotechnical report 4.8.4)? Also, please clarify under which bid item these materials are to paid?	landscaped areas only, where approved by City).Backfill to be paid under respective items (piping, treatment facility, vault structural and mechanical).	1
34		Ralph Raymond	·	Treatment Facility or Vault Structural and Mechanical Bid items as applicable.	
	2/2/2024	Rraymond@paccivil.com	Re: Bid Items A14 & B13 Storm Sewer - What bid item is assigned for drain piping that is not the diameter of these bid items?	Addendum 1 will include revisions to clarify. See Addendum 1 revision to 40 05 13 clarifying piping material. See Section D 8-	
35	2/2/2024	Ralph Raymond Rraymond@paccivil.com	Re: Spec 40 05 13 Process Piping – What is the specification for buried chemical (hypochlorite) piping? We assume single wall CPVC schedule 40 unless clarified otherwise. Also, what bid item is assigned to this scope?	50.4 - Treatment Facility bid item payment includes "sodium hypochlorite system equipment, storage tank, piping and transfer pump"	1
36	2/1/2024	Trent Lougheed tloughee@ci.lacey.wa.us	"I just found out that the sales tax has increase from 9.4% to 9.5%." - Trent	Looks like the bid form has 9.5%.	
	2/1/2024	aougnoowon.aooy.wa.ao	RE Valve FCV336: The chart on Page 40 05 23.73 – 4. Says "power fail open" and Section 2.2 C. 3. Says "Main valve shall hold last	Edoto into the pla form has 5.5%.	
37	2/2/2024	Kyle Rath kyle.rath@ferguson.com	position upon loss of power". The 60-15 cannot hold last position on power loss. It has to either be fail open or fail closed. Is fail open still desired?	Power fail open is acceptable. See Addendum 1 for spec revision	1
38	2/2/2024	Kyle Rath	RE Valve FCV336: Section 2.2 D. 4. Lists "Solenoid manual bypass valves", those are not available on a 60-15. The Solenoid has	rower fall open is acceptable. See Addendum i for spec revision	
30	2/2/2024	kyle.rath@ferguson.com	manual actuator. Is that acceptable?	Yes that is acceptable. See Addendum 1 for spec revision.	1
39	2/2/2024	Kyle Rath kyle.rath@ferguson.com	RE Valve FCV03A: Section 2.3 C. A. says "Flow shall be controlled by solenoid piloting system". The 658-39 is not a flow control valve but a solenoid and back pressure valve. Is flow control desired?	No. Just a different semantic read. Solenoid controls valve opening, which allows flow. Flow rate based control is not needed	
40			RE Valve FCV03A: Section 2.3 E. 9. Lists "Independent operating pressure connection for closing valve via solenoid". A 658-39		
40	2/2/2024	Kyle Rath kyle.rath@ferguson.com	does not have a dual supply feature to accept independent operating pressure. Is that feature desired for the valve?	Independent operating pressure needed per specification.	
			RE Valve FCV03B: Section 2.4 E. 5. Lists "Check feature control". The 61-21 does not have a check feature. The only way to add a		
41	2/2/2024	Kyle Rath kyle.rath@ferguson.com	check feature would be to change to a powercheck main valve body. However, that valve body is not suitable for deep well pump application. If a check is needed I recommend adding a separate check valve.	Check feature is not needed. See addendum 1	1
42		Kyle Rath	RE Valve FCV03B: Section 2.4 E. 6. Lists "Solenoid manual bypass valves", those are not available on a 61-21. The Solenoid has		
	2/2/2024	kyle.rath@ferguson.com Kyle Rath	manual actuator. Is that acceptable? RE Valves FCV21A, FCV22A, FCV28A, FCV01A: Section 2.5 A. 3. says "Flow shall be controlled by solenoid piloting system". The	Yes, See Addendum 1.	1
43	2/2/2024	kyle.rath@ferguson.com	658-39 is not a flow control valve but a solenoid and back pressure valve. Is flow control desired?	flow. Flow rate based control is not needed	
44		Kyle Rath	RE Valves FCV21A, FCV22A, FCV28A, FCV01A: Section 2.5 B. 8. Says a valve position indicator, but section 2.5 A. 2. a. Says Reuse existing. I wanted to confirm, do the valves have position indicators already that you want to reuse, or do you need position		
	2/2/2024	kyle.rath@ferguson.com	indicators for them?	Reuse existing per specification	
45		Kyle Rath	RE Valves FCV21A, FCV22A, FCV28A, FCV01A: Section 2.5 B. 9. Lists "Independent operating pressure connection for closing valve via solenoid". A 658-39 does not have a dual supply feature to accept independent operating pressure. Is that feature		
45	2/2/2024	kyle.rath@ferguson.com	desired for the valve?	Independent operating pressure needed per specification.	
46		Kyle Rath	RE Valves FCV21B, FCV22B, FCV28B, FCV01B, FCV02B: Per my notes, these valves just need new pilot springs, correct?	Per the spec the pressure relief control needs to be modified to remove the current dual supply function for the relief, and a new pressure relief spring is needed.	
40	2/2/2024	kyle.rath@ferguson.com	ne valves revize, revize, revize, revote, revote. Fer my notes, these valves just need new phot springs, correct:	Addendum 1 clarifies that all copper piloting to be replaced with stainless steel.	
47	2/2/2024	Kyle Rath kyle.rath@ferguson.com	RE Valves FCV21B, FCV22B, FCV28B, FCV01B, FCV02B: The specs at 2.6 A. 5. Say the pilot tubing shall be stainless steel. Is the	Existing pilot tubing is copper. Copper piloting to be replaced with stainless. See Addendum 1 for spec revision clarifying intent	
	2/2/2024	kyle.ratil@lergusori.com	pilot tubing already stainless steel, or does the valve need new tubing and fittings? RE Valves FCV21B, FCV22B, FCV28B, FCV01B, FCV02B : The Specs at 2.6 B. 2. Say independent operating pressure connection.	The valve currently has dual supply to both solenoid and pressure relief function. Per	
48	2/2/2024	Kyle Rath kyle.rath@ferguson.com	Does the valve a dual supply for independent operating pressure? Does that need to be added?	spec, remove the dual supply from the pressure relief and connect independent operating pressure to solenoid	
	2/2/202	,	RE Valves RV1, RV2, PR1: Section 2.1 A. 3. a. calls for Class 150 flanges but section 2.1 C. 1. Says the valve shall be suitable for a		
49	2/2/2024	Kyle Rath kyle.rath@ferguson.com	working water pressure of 400 psig. Class 150 flanges are only rated to 250 psig of working pressure. For 400 psig of working pressure, you need Class 300 flanges. Which class of flanges do the valves need?	Class 150 flanges are needed. See addendum 1 revising working pressure.	1
	Z/Z/ZOZ4		RE Valves RV1, RV2, PR1: Section 2.1F. 1. Calls for an X43 "Y" strainer, but section 2.1 G. 1. Calls for a model 50-01 valve. A	class for hanges are needed. See addendam 7 fortising working pressure.	
50	2/2/2024	Kyle Rath kyle.rath@ferguson.com	model 50-01 valve uses an X42N-2 strainer and restriction orifice which is similar in function to the X43 but also provides a variable restriction/closing speed control. An X43H is not available on a 50-01. Is the X42N-2 acceptable?	X42N-2 is acceptable. See Addendum 1 for spec revision	1
51	LILILOLA	Kevin Yoakum	Madrona plan sheet M-9&10 show a new roof hatch per M-15; the dimensions of the roof hatch are not defined. Please advise.		
	2/2/2024	kyoakum@prospectconst.com Kevin Yoakum		4'-4' Hatches. See Addendum 1 for addition of note.	1
52	2/2/2024	kyoakum@prospectconst.com	Madrona plan sheet M-3, section A shows what an object on top of the pump, but does not identify it. What is this?	See Addendum 1 revision for clarification - Valve for venting air from pump casing.	1
53		Kevin Yoakum	Madrona: Note 20 on C-3 states all existing AC pavement to be repaved per Detail 4, C-5. Is the intent to remove the asphalt and pour back on existing grade. Or is it required to export existing subgrade and provide new CSBC and CSTC per detail 4 C-5.		
	2/2/2024	kyoakum@prospectconst.com	Madrona: Regarding Waterline Profile "B" on C-9, at station B0+00 a note states "Connect to 337 transmission main. Coordinate	See Addendum 1 for revision to note clarifying intent.	1
54			tie in location and elevation with as-built location following construction of 337 transmission main." Is there requirements on tie		
0-1	2/2/2024	Kevin Yoakum	in parts (valves? Tees, or sleeves?). (Parts are called out for the tie in at station B1+65 per water piping schedule "1".) Or are we	See Addendum 1 for revision to note clarification.	1
55	21212024	kyoakum@prospectconst.com Kevin Yoakum	to assume we are connecting with a singular sleeve? Mix design on plan sheet S-1 varies from mix design in specification section 03 31 00-2.2.F; Please advise which is to be followed	Cement / water ratio in the specification will be adjusted to match the plans in	
55	2/2/2024	kyoakum@prospectconst.com		Addendum 1.	1
56	2/2/2024	Kevin Yoakum kyoakum@prospectconst.com	Madrona: Reference sheet A-1; I was unable to find a specification for the aluminum windows. Please advise on specification requirements.	See Addendum 1 for added Aluminum Window specification section	1
57	2/2/2024	Kevin Yoakum kyoakum@prospectconst.com	Westside: Reference A-1, there is door NO. 9; where is this to be installed?	See Schedule B Sheet M-11. Door 9 is on Well 2.	
58		Kevin Yoakum		Footing width is 2' per detail and note on S-3. Addendum 1 will correct the scaling of	
	2/2/2024	kyoakum@prospectconst.com Kevin Yoakum	Westside: The foundation footing width on S-3 scales to be 1'4", detail on 2/S-6 call the footing to be 2'. Please confirm width. Westside: C/M-3 shows a cut that appears to show two check valves in line, with a label of CHKV4, please confirm this is just one	the S-3 linework. Per valve schedule on M-1. CHKV4 is a double check valve backflow preventer. See	
59	2/2/2024	kyoakum@prospectconst.com	check valve.	Addendum 1 for revision to referenced spec section.	1
60	2/2/2024	Kevin Yoakum kyoakum@prospectconst.com	Can you provide a copy of the pre-bid sign in sheet be provided?		
		,			