ETOWAH WATER & SEWER AUTHORITY

ADDENDUM NO. 2

ISSUE DATE: October 30, 2023

For

DAWSON FOREST WRF PHASE I UPGRADE & EXP. TO 1.25 MGD ETOWAH WATER & SEWER AUTHORITY DAWSONVILLE, GEORGIA



Bids to be received until 2:00 p.m., local time, November 2, 2023

The Bids will be publicly opened at 2:10 p.m., local time, on said date in the Etowah Water & Sewer Authority Administration Office, Don D. Gordon Conference Room, 1162 Highway 53 East, Dawsonville, Georgia 30534.

Receipt of this addendum, and all other addenda, should be acknowledged as part of your bid document. Failure to acknowledge receipt of the addenda may result in rejection of the bid. This addendum forms a part of the Contract Documents.

Please note the following <u>CHANGES</u> to the above referenced Specification Documents as follows:

SPECIFICATIONS

- 1. SECTION 03 20 00 CONCRETE FINISHING, Paragraph 1.2, B., Page 1: DELETE items 9.-12.
- 2. SECTION 03 20 00 CONCRETE FINISHING, Paragraph 2.2, G., Page 3: DELETE paragraph.
- 3. SECTION 03 20 00 CONCRETE FINISHING, Paragraph 2.4, Page 4: DELETE paragraph.
- 4. SECTION 07 40 00 ARCHITECURAL METAL ROOF SYSTEM: DELETE this section of the specifications.

DRAWINGS

1. Drawing C.03 – CHANGE Note 3 in the <u>ASPHALT AND CONCRETE PAVING NOTES</u> to read as follows:

"3. REFER TO THE <u>TYPICAL ASPHALT PAVING SECTION</u> ON DWG. C.21 FOR CONVERTING THE EXISTING GRAVEL ROADWAYS TO ASPHALT ROADWAYS. AREAS OF NEW ASPHALT PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE <u>TYPICAL ROAD AND DITCH</u> <u>SECTION</u> ON DWG. C.21."

2. Drawing C.09 – CHANGE the label "3" S.S. BACKWASH WASTE" to read "4" DIP. ALL BURIED JOINTS TO BE RJ".

- 3. Drawing C.10 CHANGE Process Sewer Line A from PVC to DIP.
- 4. Drawing C.12 & C.14 Dated 10/23/23 Issued by Addendum No. 1 ADD the following note to the jack and bore details on these drawings:

"ALL STEEL CASING SECTIONS TO BE FULLY WELDED IN ACCORDANCE W/ AWS RECOMMENDED PROCEDURES. THE CASING SHALL BE MADE FROM STEEL PLATE HAVING A MIN. YIELD STRENGTH OF 35,000 PSI AND MEET THE CHEMICAL REQUIREMENTS OF ASTM A36. THE CASING SHALL BE NEW AND UNUSED PIPE. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS, WITH QUALIFICATION SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL".

5. Drawing C.21 – INSERT the following attached Etowah Water & Sewer Authority standard detail onto this drawing:

A. <u>TYPICAL STREAM CROSSING (STANDARD 719)</u>, along with the following JACK AND BORE NOTES:

<u>"JACK & BORE NOTES</u>:

- 1. CASING PIPE SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS.
- UNLESS DIRECTED OTHERWISE, THE INSTALLATION PROCEDURE SHALL BE THE DRY BORE METHOD. THE HOLE IS TO BE MECHANICALLY BORED AND CASED THROUGH THE SOIL BY CUTTING HEAD ON A CONTINUOUS AUGER MOUNTED INSIDE THE CASING PIPE. THE INSTALLATION OF THE CASING AND BORING OF THE HOLE SHALL BE DONE SIMULTANEOUSLY BY JACKING.
- 3. LENGTHS OF PIPE ARE TO BE FULL CIRCUMFERENCE BUTT-WELDED TO THE PRECEDING SECTION INSTALLED.
- 4. EXCAVATION MATERIAL SHALL BE REMOVED AND PLACED AT THE TOP OF THE WORKING PIT. BACKFILL MATERIAL AND METHODS OF BACKFILLING AND TAMPING SHALL BE IN ACCORDANCE WITH SPECIFICATIONS. DIP SHALL HAVE FIELD LOCK GASKETS. PVC PIPE FOR GRAVITY SEWERS SHALL HAVE JOINT RESTRAINT CASING SPACERS.
- 5. STAINLESS STEEL CASING SPACERS SHALL BE BOLT ON STYLE WITH A TWO PIECE SHELL MADE FROM T-304 STAINLESS STEEL OF A MINIMUM 14 GAUGE THICKNESS. THE SHELL SHALL BE LINED WITH A RIBBED PVC SHEET OF A 0.090-INCH THICKNESS THAT OVERLAPS THE EDGES. RUNNERS MADE FROM UMVW POLYMER, SHALL BE ATTACHED TO THE RISERS AT APPROXIMATE POSITION TO PROPERLY LOCATE THE CARRIER WITHIN THE CASING AND TO EASE INSTALLATION. RISERS SHALL BE MADE FROM T-304 STAINLESS STEEL OF A MINIMUM 14-GAUGE THICKNESS AND SHALL BE ATTACHED TO THE SHELL BY MIG WELDING. ALL WELDS AND METAL SURFACES SHALL BE CHEMICALLY PASSIVATED. ALL FASTENERS SHALL BE MADE FROM T-304 STAINLESS STEEL. CASING SPACERS HALL BE MODEL CCS-JR SERIES FOR PVC PIPE – STAINLESS STEEL JOINT RESTRAINT CASING SPACER AS MANUFACTURED BY CASCADE WATERWORKS MANUFACTURING COMPANY OF YORKVILLE, ILLINOIS OR APPROVED EQUAL."

6. Drawing C.21 – CHANGE the label "3" TYPE "C" ASPHALT CONCRETE SURFACE" in the <u>TYPICAL ASPHALT AND PAVING SECTION</u> to read "2" 9.5 MM SUPERPAVE LEVEL B ASPHALT CONCRETE SURFACE".

7. Drawing C.21 – CHANGE Notes 1 and 2 in the <u>TYPICAL ASPHALT AND PAVING SECTION</u> detail to read as follows:

"1. PROOF-ROLL EXISTING GRAVEL ROADWAYS IN PRESENCE OF ENGINEER. AREAS THAT DON'T REQUIRE UNDERCUTTING SHALL BE LEVELED, IF REQUIRED, WITH GAB PRIOR TO INSTALLING ASPHALT PAVING. COSTS FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACTOR'S LUMP SUM BID.

2. UNDERCUT AREAS OF UNSUITABLE MATERIALS AS DIRECTED BY ENGINEER AND REPLACE WITH GEOTEXTILE FABRIC (MIRAFI 500X OR EQUAL) AND COMPACTED CRUSHED STONE PRIOR TO INSTALLING 8" (MIN.) GAB. REMOVAL AND REPLACEMENT OF EXISTING UNSUITABLE MATERIALS AND REPLACEMENT WITH STONE (CRUSHED AND GAB) WILL BE PAID FOR USING "EXTRA WORK" PRICING IN THE BID FORM."

8. Drawing C.21 – CHANGE Note 3 in the <u>TYPICAL ROAD AND DITCH SECTION</u> detail to read as follows:

"3. COMPACT TOP 6-INCHES OF EXISTING SUBGRADE TO 100% STANDARD PROCTOR AND PROOF-ROLL SUBGRADE IN AREA TO BE PAVED IN PRESENCE OF ENGINEER PRIOR TO INSTALLING CRUSHED STONE BASE. UNDERCUT AREAS OF UNSUITABLE SUBGRADE MATERIALS AS DIRECTED BY ENGINEER AND REPLACE WITH GEOTEXTILE FABRIC (MIRAFI 500X OR EQUAL) AND COMPACTED STONE. REMOVAL AND REPLACEMENT OF EXISTING UNSUITABLE MATERIALS AND REPLACEMENT WITH STONE WILL BE PAID FOR USING "EXTRA WORK" PRICING IN THE BID FORM."

- 9. Drawings M.1.1, M.1.2, M.1.3, S.01.1 and E.1.1 DELETE the existing sump pump modifications shown from these drawings.
- 10. Drawing M.6.3 REPLACE with the attached revised drawing M.6.3 dated 10/30/23. This also replaces drawing M.6.3 issued via Addendum No. 1.
- 11. Drawing M.6.4 REPLACE with the attached revised drawing M.6.4 dated 10/30/23. This also replaces drawing M.6.4 issued via Addendum No. 1.
- 12. Drawing S.99.5 REPLACE with the attached revised drawing S.99.5 dated 10/30/23.
- 13. Drawing E.0.1 DELETE the Type Y Fixture from the Lighting Fixture Schedule.
- 14. Drawing E.0.3 CHANGE the second note 9 to note 10 which references the SBR Tank 2 heat trace.
- 15. Drawing E.6.1 and E.6.2 CHANGE Filter 1 Backwash Valve #2 to Filter 1 Solid Waste Valve.

16. Drawing I.0.3 – ADD the following note to the PLANT INFLUENT AUTOMATIC SAMPLER SAMP-0321 details shown:

"<u>NOTE</u> – THE ELECTRICAL AND INSTUMENTATION WORK ASSOCIATED WITH SAMP-0321 WILL BE PERFORMED BY THE OWNER".

<u>CLARIFICATIONS</u> - See attached BID PHASE QUESTIONS dated 10/30/23.

END OF SECTION





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*IN LIEU OF BOND BEAMS WITH NO. 4 BARS AT 120 INCHES ON CENTER, PROVIDE TWO WIRES OF WIRE SIZE W1.7 JOINT



	DOOR SCHEDULE									
	DOOR	OPENING	DOOR N	OMINAL DIME	MASONRY	OPENING	HDW.	FRAME & DOOR	DEMADKS	
NO.	NO. TYPE	TYPE	WIDTH	HEIGHT	THICK.	WIDTH	HEIGHT	SET	MATERIAL	
4.1	А	4	3' - 0"	7' - 0"	1-3/4"	3' - 4"	7' - 4"	1	ALUMINUM	*
4.2	E	5	12' - 0"	10' - 0"		12' - 0"	10' - 0"	-	ALUMINUM	**
6.1	В	4	5' - 0"	7' - 6"	1-3/4"	5' - 4"	8' - 0"	3	ALUMINUM	*
6.2	В	4	5' - 0"	7' - 6"	1-3/4"	5' - 4"	8' - 0"	3	ALUMINUM	*
9.1	А	4	3' - 0"	7' - 0"	1-3/4"	3' - 4"	7' - 4"	1	ALUMINUM	*
10.1	A	4	3' - 0"	7' - 0"	1-3/4"	3' - 4"	7' - 4"	1	ALUMINUM	*
*ALU	*ALUM. FACE SHEET ON EXTERIOR, FRP FACE SHEET ON INTERIOR **ALL ROLL-UP DOORS TO BE ELECTRIC W/ MANUAL OVERRIDE									

															DOC		IARL	JVVA		SUL	EDU										
HARDWARE SET	BALL BEARING HINGES	CONTINUOUS GEAR HINGES	OUTSIDE TRIM NIGHT LATCH W/ PULL	OUTSIDE TRIM W/ STD. LEVER	BATH/BEDROOM PRIVACY LOCK/LEVER	STORE ROOM LOCK	ELECTRIC LOCK	OFFSET DOOR PULL	DOOR PULL	PANIC BAR EXIT DEVICE W/ LATCH	PANIC BAR EXIT DEVICE, CONCEALED ROD	PANIC BAR EXIT DEVICE, FIRE RATED	LATCH SET	LOCK CYLINDER	STRIKE PLATE	DEAD BOLT	DEAD LATCH	KICK PLATES	HOLDERS	THRESHOLD	T ASTRAGEL	CLOSER W/ HOLD OPEN	CLOSER	WEATHERSTRIPPING	ADJ. ASTRAGEL WEATHERSTRIPPING	DOOR BOTTOM SEAL	CONCEALED ADJ. BOTTOM BRUSH	WALL BUMPER	FLOOR STOP	WALL STOP	FOOT BOLTS
1	X		Х	Х						Х			Х	Х	Х					Х		X		Х		Х					
2	X			Х								Х	Х		Х					X			X	Х		X					
3	X		Х	Х						Х			Х	Х	Х					Х	Х	X		Х		Х					X

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¹⁰ 1" = 1'-0"

OF

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See Notes

DAWSON FOREST WRF PHASE I UPGRADE AND EXPANSION TO 1.25 MGD

ETOWAH WATER AND SEWER AUTHORITY

(BID DATE: 2:00 P.M. NOVEMBER 2, 2023)

Question #	Question	Answer
1	What is the Engineer's construction estimate?	The Engineer's opinion of total construction costs is \$10.85M, which includes \$2.32M of Owner Furnished Equipment.
2	General Piping Note 5, Sheet G.02 states that all force mains shall be ductile iron pipe with cement lining. Spec 33 31 00, 2.1, C for Sanitary Sewer Piping mentions P401 lining. This spec appears to be for gravity sewer piping and service connections only. Please confirm that all ductile iron process piping and sanitary sewer are to be lined with P401 lining, and all potable water and non-potable water lines are to be cement lined.	General Piping Note 5, Sheet G.02 is correct. Spec 33 31 00 will be changed by Addendum No.1 to eliminate P401 lining from the specifications (i.e., all DIP shall be cement lined).
3	Specs 33 11 13 and 33 31 00 list different requirements for ductile iron pipe pressure class. Spec 33 11 13 calls for PC250 unless indicated on the drawings, and Spec 33 31 00 calls for PC350, but also provides a pressure class table based on pipe depth for flexible linings. Please confirm that the minimum standard pressure classes shown on the table provided in Section 33 31 00, 2.1, B, 4 will be acceptable.	The minimum pressure classes shown in the table provided in Section 33 31 00, 2.1, B, 4 are acceptable for the DIP detailed on the drawings. This will be clarified via Addendum No. 1.
4	Will the Authority consider adding other named suppliers for the Polyethylene Tanks in section 43 41 43 of the above referenced project?	The Authority is pre-purchasing a 6,500 Gallon Dual Wall tank with the Watson-Marlow Chemical Metering Pump Skid for the Alum Feed Facilities, therefore no other chemical storage tank will be needed. This technical specifications section will be deleted via Addendum No. 1.
5	Please provide a specification for the Overhead Door on the project.	To be issued via Addendum No. 1.
6	Please provide the required Wage Rates for the project and SRF funding.	To be issued via Addendum No.1.
7	Will Henry Company HE789 - FIB ASPHALT EMULSION DAMPPROOFING be approved as an acceptable substitution to BASF MasterSeal 615 for damp proofing of masonry cavity walls (Spec Section 07 11 00) and waterproofing of below grade cast in place concrete walls (Spec Section 07 13 26)?	Yes, the proposed substitution is acceptable and the named supplier will be added to the specifications via Addendum No. 1.
8	Drawing M.2.1 shown ductile iron lines going in an out of the Influent Recycle Manhole. The gravity sewer profile on Drawing C.12 show these lines to be PVC. Please confirm that these lines are to be SDR26 PVC for gravity sewer.	Ductile iron pipe (DIP) will be required to convey flow into the Influent Recycle Manhole, while PVC gravity sewer pipe (SDR26) will be required to convey flow leaving the structure. This will be clarified via Addendum No.1.
9	Please confirm that all sewer lines shown as PVC on the profile views shall be SDR26 PVC as specified in 33 31 00, 2.2.	That is correct. This will be clarified via Addendum No. 1.
10	Will the Owner be providing the alum and lime chemicals or is this the responsibility of the contractor?	The Owner will provide and pay for the alum and lime chemicals.
11	There is an existing chemical system that appears to be lime installed adjacent the influent pump station. Who is responsible to remove the equipment in order to construct the dumpster area for the bar screen discharge?	The existing (temporary) Burnett Lime Company CAL-FLO liquid lime system and appurtenances that conflict with the proposed construction will be removed by Burnett Lime and/or the Owner by no later than March 1, 2024. At that time, the addition of CAL-FLO will be terminated until the new permanent CAL-FLO system is operational.
12	Since there is an existing lime system where the new bar screen dumpster will be located, it is assumed the new lime system has to be installed and operational prior to beginning work on the dumpster area. Please confirm.	See response to previous question.

See Notes

DAWSON FOREST WRF PHASE I UPGRADE AND EXPANSION TO 1.25 MGD

ETOWAH WATER AND SEWER AUTHORITY

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(BID DATE: 2:00 P.M. NOVEMBER 2, 2023)

0	Question	Updated: 10/30/2023
Question #	Question	Aliswei
13	The scope of supply from Burnett Lime has an 11'x11' metal building for the pump and control enclosure included in their proposal. Per the contract plans, the building is to be a masonry structure. Please clarify what is required.	Burnett Lime's proposal from 8/29/23 does include a steel frame building with the intent for the general contactor to install exterior brick as detailed on the engineering drawings. To accommodate this, Burnett Lime will furnish and install an interior metal with foam insulation and plywood on the outside of the frame system included in their proposal. The stainless steel frame system will also be fabricated for the brick mason to brick up against it. Regarding the connection between the Slurry Tank and building enclosure, the building will not be attached to the tank to accommodate the slight movement from the Slurry Tank Mixer. This will be sealed with foam and caulking at the time of installation by Burnett Lime. See Burnett Lime's proposal for additional details.
14	Is this project subject to the Build America Buy America requirements for the proposed funding?	No, the Authority qualifies for a waiver from the BABA requirements. This will be clarified via Addendum No. 1.
15	For coordination of work at the influent pump station, once the two new pumps are installed and operational, can they be used to pump the incoming flow to the SBR tanks and the two existing pumps be taken out of service?	Yes. Also, for information and planning purposes, the capacity of the two new pumps will match the hydraulic capacity of the two existing pumps.
16	There are several instruments on the I drawings that show FBV, furnished by vendor. On I.0.2 there is also FBZ, furnished by Zile. There are no field instruments on the I drawings marked FBZ. Is this correct? Is Zile only providing the SCADA control panels and associated programming shown on the I drawings?	Some (limited) instrumentation will be furnished and installed by Zile. However, not all required instrumentation on the project will be furnished and installed by Zile. This will be clarified via addenda, if required.
17	Is the contractor responsible for the warranty for the Owner provided equipment?	For the Owner Furnished Equipment, only under certain circumstances. This will be clarified via Addendum No. 1.
18	It is requested that the contract time be extended to 540 days for substantial completion and 570 days for final completion.	The total contract period for completion of the project will be increased via Addendum No.1 to 540 consecutive calendar days.
19	Are any coatings required inside the wet wells of the influent pump station?	No. Section 09 97 24 SPECIAL CONCRETE COATINGS will be deleted via Addendum No. 1.
20	C.14 note 9 for the wetlands states that no work may be performed in the wetland area until all necessary permits and certifications have been obtained. What permits and certifications are required and who is responsible for getting them?	The Owner will acquire the necessary permits and approvals required for construction. For bid purposes, however, the Contractor shall assume that the Owner will not acquire these permits and approvals for at least 180 days after the Contractor has been issued a notice to proceed with construction.
21	 Please reference 09 97 24, Special Concrete Coatings. Per 1.1, D.3 we are to paint all interior surfaces of the new cast in place concrete "wet well". 1. Are you referring to the Post EQ Pump Station wet well? 2. Are there any additional areas, other than the manholes, that are to receive the Raven Linings system? The sentence "Do not coat the Parshall flume" leads one to believe there may be other that will require the specified coatings system. 	Section 09 97 24 SPECIAL CONCRETE COATINGS will be deleted via Addendum No. 1.
22	Invitation to Bid – Can the bid time be moved to 2:00 pm in lieu of the proposed 10:00 am time?	Yes. This change will be included in Addendum No. 1.

QUESTIONS FROM BIDDERS See Notes DAWSON FOREST WRF PHASE I UPGRADE AND EXPANSION TO 1.25 MGD ETOWAH WATER AND SEWER AUTHORITY

(BID DATE: 2:00 P.M. NOVEMBER 2, 2023)

Question #	Question	Answer
23	Sheets C.08 and C.12 shows an 18" PVC Line, sheet M.2.1 shows the line as DIP, please confirm the pipe material.	See response to question 9 above. This will be clarified via Addendum No. 1.
24	Sheet C.07 – Please provide a 6" DIP Water Main Termination detail	The Authority's standard detail will be provided via addenda.
25	Sheet C.07 – Please provide a detail for the Yard Hydrants on the project	The Authority's standard detail will be provided via addenda.
26	Sheet M.2.1 – Is a pipe support required in the manhole, if so what type, concrete or stainless steel?	A concrete pipe support will be added via Addendum No. 1.
27	Sheet M.3.1 – Can the pipe support be Type 2 in lieu of Type 4?	Drawing M.3.1 is being reissued via Addendum No. 1.
28	Sheet C.10 Force Main – Line A Plan shows a 12" Gate Valve, Sheet M.6.2 Section B shows a Butterfly Valve, which is correct?	The 12" valve in question shall be a gate valve. This will be clarified via Addendum No. 1.
29	Sheet M.8.2 shows a 20" DIP line to LAS, Sheet C.07 shows this line as 20" PVC, which is correct?	The 20" line in question shall be DIP. This will be clarified via Addendum No. 1.
30	Please provide a specification for the Overhead Doors on the project	This spec section will be issued via Addendum No. 1.
31	Section 01 77 00 requests a 5 year warranty from the manufacturers on their equipment, is this correct?	The 5 year warranty period referenced in Section 01 77 00 applies to "latent defects due to faulty products or workmanship".
32	The contract documents state the construction period is 450 days, General Conditions Article 30 states the contractor should expect 83 days of inclement weather, thus reducing the construction period to less than a year. This duration is too short for a project of this magnitude, would the owner consider changing the construction period to 540 days?	The total contract period for completion of the project will be increased via Addendum No.1 to 540 consecutive calendar days.
33	Reference specification 00 73 00-1.2.A which states that costs for complying with the requirements of NPDES will be paid from the NPDES Monitoring cash allowance. I find no mention of this "NPDES Monitoring" cash allowance on the Bid Form or in specification 01 21 13. Please clarify project intent.	The "NPDES Monitoring" cash allowance will be inserted into the Bid Form and Section 01 21 13 via Addendum No. 1.
34	We are unable to find mention of who will is required to purchase chemicals for initial fill and startup. Please clarify project intent.	The Owner will provide and pay for the alum and lime chemicals.
35	Can you please provide the Davis Bacon Wage Rate that is applicable for this project.	To be issued via Addendum No. 1.
36	Specification section 333100.2.1.C.1 states "Linings shall cover all exposed surfaces of pipe and fittings subject to contact with sewer liquid or gas" Please let me know if the 36" DIP outfall line is considered a sewer line, and if any of the other pipelines on the project may not be considered "sewer" lines.	See response to question 2 above.

See Notes

DAWSON FOREST WRF PHASE I UPGRADE AND EXPANSION TO 1.25 MGD

ETOWAH WATER AND SEWER AUTHORITY

(BID DATE: 2:00 P.M. NOVEMBER 2, 2023)

Question #	Question	Answer
37	Please reference Division 31. Paragraph 3.05, E, of Section 31 00 0 (Earthwork) states that excess material may be wasted in slope areas. Will the contractor be allowed to waste excess soil materials on proposed and existing slopes at the current site? If not, does the owner have a site where we can waste excess soil materials?	No, per paragraph 3.02, C., 2., of Section 31 00 00, "the Contractor shall legally dispose of all excess spoil material off-site at no additional expense to the Owner". Also, see note 5.1.1 in the GRADING PLAN NOTES on Drawing C.05 for additional information and requirements. If "excess material" is spoiled on the Authority's LAS property, then paragraph 3.05 of Section 31 00 00 will apply.
38	Please refer to Division 9, page 24 of 34. ** states to see finish schedule where each system is to be used. Please provide finish schedule.	A Finish Schedule will be provided via Addendum No. 2.
39	Please reference Section 03 20 00 Concrete Reinforcing. Paragraph 2.4, Shop Finishing, states rebar to be either HDG or Epoxy Coated. Is it the engineer's intent for HDG or Epoxy Coated rebar to be incorporated into the project? If so, please specify if all or certain structures are to receive said rebar.	No, neither hot dip galvanized (HDG) or epoxy coated rebar are required on this project. This will be clarified via Addendum No. 2.
40	Please advise if Spec Section 07 40 00 Architectural Metal Roof System is applicable for this project.	No, this specification is not required and will be deleted via Addendum No. 2.
41	Please provide Specifications for steel casing required for the jack and bores.	The following note will be added to the construction drawings via Addendum No. 2: All steel casing sections to be fully welded in accordance w/ AWS recommended procedures. The casing shall be made from steel plate having a min. yield strength of 35,000 psi and meet the chemical requirements of ASTM A36. The casing shall be new and unused pipe. All welding shall be performed by certified welders, with qualification submitted to the engineer for review and approval.
42	Is there any concern of ground water at the influent pump station when removing the slab all the way through for the new sump pit?	The proposed construction of a new sump pit will be deleted from the project via Addendum No. 2.
43	There is a ladder shown for the alum tank on M.9.1. The ladder is not listed in the scope of supply from Tech equipment. Please clarify who is to provide the ladder.	The Contractor isn't responsible for providing the ladder.
44	Section 00 73 00-1.2 states that the cost of complying with the NPDES permit shall be paid from the NPDES Monitoring Cash Allowance. This allowance isn't found on the bid form. Please clarify.	See the modified Bid Form issued in Addendum No.1, which includes the referenced cash allowance.
45	Panel L7 is called out as an MPZ on the panel schedule and on the E.7.1, yet the riser shows it as the panelboard and transformer broken out. Please clarify.	Provide an MPZ as shown on the panel schedule.
46	Please confirm the make/model of the switchboard so we can adequately price the Panelboard B modifications. Additionally, can the location of this be confirmed? It appears to be in the electrical room, but it has not been identified in bold for clarity purposes.	Existing switchboard information is: GE Spectra Series / Job No: 17873534E-3 / Req. No: 35197929-S. Contact ABB/GE for breaker: Mr. Mike Seal at 770-367-9191 / Michael.Seal@us.abb.com. Panelboard B shall be located just to right of existing switchboard (relocate abandoned/spare transformers as required).

See Notes

DAWSON FOREST WRF PHASE I UPGRADE AND EXPANSION TO 1.25 MGD

ETOWAH WATER AND SEWER AUTHORITY

(BID DATE: 2:00 P.M. NOVEMBER 2, 2023)

Question #	Question	Answer					
47	The lighting schedule shows a type Y fixture, yet none are shown. Please clarify.	Delete the type Y fixture from the lighting schedule.					
48	Plan sheet C.10 calls out the 24" line A as PVC. Plan sheet M4.2 calls out this same line as DIP. Addendum #1 calls out sanitary sewer piping to be DIP. Please clarify.	This entire section of 24" piping is to be DIP. This will be clarified via Addendum No. 2.					
49	Drawing E.0.3 - There are (2) note 9s. Which is reference to which note.	The second note 9 should be note 10 which should reference SBR Tank 2 heat trace.					
50	Drawing E.0.4 - Panel L10 isn't referenced anywhere except on the panel schedules. Is L10 MPZ 10L?	Yes, panel L10 MPZ is the same as panel 10L					
51	Drawings I.0.1 - 1.16 - There are many devices with no indication (By Vendor, By Zile Technologies, FBV, or FBZ). If not marked does contractor supply devices?	See note 13 on drawing E.0.1 for all instruments and panels provided by Zile Technology. All other instruments will be furnished by vendor.					
52	Drawing E.0.2 - What panels, breakers, or transformers if any need to be provided on this page? Only indication is a dark outline if that is an indicator.	The dark outline is the indicator. The shaded lines represent existing equipment.					
53	Drawing E.6.2 - Does anything other than conduit and wire need to be provided on this page? There are many sensors and Jboxes with no indication.	The electrician needs to provide conduit and wire. The panels and sensors will be provided by Zile Technology or the Vendor.					
54	Please confirm which paving detail on C.21 is correct.	See Addendum No. 2 for clarification of the paving requirements.					
55	One of our main Door and Frame suppliers sent a request asking if you would consider using Hollow Metal or FRP as these materials typically work better than Aluminum? Please advise.	The aluminum doors shall be furnished as detailed. Do not quote hollow metal or FRP doors.					
	Company Names and Trade Names have been removed from the questions The company Names and Trade Names have been removed from the questions.	be answers contain trade names only to refer to existing installations. These inclusions do not represent an					
	endorsement of the product or the company.						
NOTES:	2. Questions from sales representatives have been edited where appropriate for br	evity.					
	3. Questions from General Contractors have been left untouched.						
	4. Significant Changes in answers previously posted are marked in red.						