

**ADDENDUM NO. 4**

**CONTRACT DOCUMENTS**

**WATER RECLAMATION PLANT NO. 1 UPGRADE AND EXPANSION**

**GMWSS PROJECT NO. 531907**

**GRW PROJECT NO. 4762-01**

**February 12, 2021**

**TO ALL PROSPECTIVE SUBMITTERS:**

Please be advised of the following clarifications to the above referenced Bid:

	<b>Questions</b>	<b>Answers</b>
1.	Specifications for buried ductile pipe call for push joint pipe and restrained joint pipe under structures. M drawings call out pipe to be MJ x PE joints outside of structures. Please confirm if push joint pipe per specifications or MJ joints per M drawings is required outside of structures.	Push joint pipe is allowed outside of structures.
2.	Gravity sewer is called out to be pressure class 200 in specification 333113, 2.1. Drawing CU-00- 502 note 2, a and b calls for gravity sewer pipe 12” and less to be class 350 with Protecto 401 lining. Please confirm if the Protecto 401 lining is just for gravity sanitary lines 12” and less not any other sizes or systems.	Protecto 401 lining only applies for gravity sewer lines as defined on CU-00-502. All ductile iron pressure and yard piping does not require Protecto 401 lining. The 30” and 42” DI pipe for Line “C” shall be either C900 PVC, Fiberglass, or DI pipe with Protecto 401 ling. The Line “C” gravity sewer piping much be corrosive resistant piping.
3.	Specification 462010, 2.4 for wall pipes calls out tapped holes for studs and specification 462010, 2.7 for flanged joints in submerged locations to use 300 series stainless steel. Please confirm that 304 stainless steel is acceptable.	Confirmed.
4.	Pretreatment drawings M-01-101 through M-01-103 do not show a section view for how the 4” line ties into the grit washing units. Please provide a section view of what is required to connect the 4” grit pump discharge pipe to the grit washing units.	Grit washing unit has a flanged inlet connection.
5.	Drawing M-02-102 sheet keynote 5 calls for a flange-by-flange butterfly valve for isolation of each blower and drawing M-02-301 keynote 39 calls for 12” electronically actuated flange-by- flange butterfly valves.	SBR Butterfly Valves are part of SBR Scope.

	Questions	Answers
	Specification 462012, 2.4, B states that butterfly valves for air service to be lug design. Please clarify if the butterfly valves should be flanged per the drawings or lug design per the specifications.	
6.	Drawing M-02-102 sheet keynote 22 calls out for flange-by-flange wafer check valve for isolation of each blower. Specification 462012, 2.10, A states that check valves for air service to be wafer style check valves. Please clarify if the check valves should be flanged or wafer style. If wafer style clarify if the valve will be double disc.	Meet specification requirements. Yes.
7.	Drawing M-02-102 sheet keynote 16 calls for a 18" flanged pipe connecting to two mechanical joint 18" x 90 bends. Please confirm if flanged pipe and fittings are required or pressure class 250 pipe and mechanical joint fittings are required.	Pressure Class 250 Pipe and Mechanical Joint Fittings are required.
8.	Clevis hanger rod sizes called out to be as specified in table A/M1 on drawing M-00-502. Table not located within the drawings or specifications only section 462010, 2.9, D, 8 chart for turnbuckles. Please clarify if specification 462010, 2.9, D, 8 chart is acceptable for clevis hangers or where table A/M1 is located or provide table for support sizes.	Meet requirements within Specification Section 462010.
9.	Butterfly valves for SBR Decant are called out to be lugged valves per specification 462012, 2.3. Section 1 on drawing CU-00-501 appears to show a flanged butterfly valve in each of the two vaults with a dismantling joint on one side of the valve. Please clarify if the valves in the valve vaults are to be flanged or if they are to be lugged per the specifications.	Lug style per specifications.
10.	Drawing M-06-301 connection between the coarse air blower feed pipe and manufacture supplied header in the Post Aeration Basins 1 & 2 appears to be a depend-o-lok type connection. Mechanical couplings noted in specification 465121, 2.4, f only mention Victaulic style 489 couplings. Please clarify if the lower coupling is to be a style 489 or a depend-o-lok type coupling.	Coupling is part of coarse bubble aeration system manufacturer's scope.
11.	Can blasted rock (shot rock) be disposed of on-site?	Please disregard Addendum No. 2, response to question No. 22. Blasted rock (shot rock) can be disposed of on-site. Locations on the property will be

	Questions	Answers
		directed by the Engineer during construction. Maximum size of rock to be disposed of on-site is 18-inches. Rock shall be covered with topsoil that was stripped to place the shot rock.
12.	Drawing M-09-101 does not provide a section view of the air header from the blowers to the sludge holding tanks for what pipe and or supports are required on the outside of the tank. Please provide a section view to clarify what materials are required to connect the ductile air header to the Aeration Manufacture air header.	Stainless steel pipe supports are required underneath the air header and attached to outside of tank for vertical portions. Pipe supports on exterior must be coordinated with tank manufacturer. Coordinate with aeration manufacturer for air header connection.
13.	Specification 331113, 2.2 calls for SDR 17 pvc pipe and drawing CU-00-502 Water Line Construction Notes 5.B calls for the pipe to be SDR 21 pvc pipe. Both SDR17 and SDR21 are only offered as small as 1 1/2" and there are 1 1/4" water lines. Please confirm if the specification SDR17 is correct or note 5B on the drawing is correct and if it is acceptable to use schedule 80 pvc for lines 1 1/2" and smaller.	Schedule 80 PVC is acceptable for piping less than 1-1/2".
14.	Specification 334113, 2.1 mentions both reinforced concrete pipe and polyethylene pipe for storm drains. Please confirm 8"-15" drain lines are acceptable to be polyethylene.	Correct, storm pipes can be either material.
15.	Specification calls out for detectable marking tape over pvc water lines and tracer wire over ductile water lines but does not call out for any other lines requiring marking tape or tracer wire. Drawing CS-00-502 detail 1 for a Utility Trench note 4 calls for detectable marking tape for trenches. Please clarify where detectable, non-detectable warning tape and tracer wire is required.	No detectable marking tape is required on project. Tracer wire and boxes are required over all PVC and DI pressure piping including forcemains, potable water, and non-potable water piping.
16.	Specifications for buried mechanical joint fittings does not specify what material of the gaskets and bolts are required. Please confirm materials for buried mechanical joint gaskets and bolts.	Gaskets shall be in accordance with ANSI/AWWA C111/A21.11. Bolts shall be high strength low alloy weathering steel in accordance with ANSI/AWWAC111/A21.11.
17.	On Sheet No. CS-00-501, Detail 3 depicts 4" Corner, End or Pull Posts, and 3.5" Line Posts, for Chain-Link Security Fence. Section 32 31 13 in the chart on Page 3, 3" Terminal Posts and 2-1/2" Line Posts are indicated for 6' to 9' Fabric Height. Gate Posts for Single Width Gates (up to 6' width) are shown to be 3". Please clarify the correct dimensions for fence and gate posts.	The correct dimensions are on CS-00-501.

	<b>Questions</b>	<b>Answers</b>
18.	Please confirm the Owner will be responsible for the electric consumption costs associated with start-up and testing of the new plant process equipment and facilities. Alternatively, please establish a Bid Allowance amount for this item.	It is assumed that Ownership of power will be transferred over to GMWSS's name at start-up. No allowance would be required.
19.	In regards to the SBR system – Who is to provide the valves and actuators? The contractor or system manufacturer?	System manufacturer
20.	Spec Section 462183 – Septage Receiving Station – Is the station manufacturer to provide all electrically and solenoid operated valves?	Yes
21.	DESHA Pump Station – Who is to provide the valves and actuators located in this station?	General Contractor

**ATTACHMENTS:**

Plan Holder's List

## GMWSS-Water Reclamation Plant No.1 Upgrade and Expansion Project

## Plan Holders

	Company Information ▲	CSI Codes	Contact Information	Status Date Filled	Delivery Method Tracking Number	Sets Issued
50681	Adams Robinson Enterprises, Inc. 2735 Needmore Road Dayton, OH 45414	01000 - General Contractor	Kevin O'Brien Phone: (937) 274-5318 Fax: (937) 274-0836 arco@adamsrobinson.com	Filled 1/7/2021	Ship - Digital Set or Ship	Hard Copy-Digital Set
50731	AE Electrical Solutions 210 Commerce BLVD FRANKFORT, KY 40601	16000 - Electrical	John Lee Phone: (502) 223-5754 Fax: (502) 227-7608 jlee@aees.com	Filled 1/26/2021	Ship - Digital Set or Ship	Digital Set
50733	Builders Exchange of Kentucky 2300 Meadow Drive Louisville, KY 40218	01006 - Planrooms	Ashlan Briggs Phone: (502) 459-9800 Fax: (502) 459-9803 abriggs@bxbkentucky.com	Filled 1/28/2021	Ship - Digital Set or Ship	Digital Set-Plan Room
50676	Building Crafts, Inc. 2 Rosewood Drive Wilders, KY 41076	01000 - General Contractor	Brad Miller Phone: (859) 781-9500 Fax: (859) 781-9505 bmiller@buildingcrafts.com	Filled 1/6/2021	Ship - Digital Set or Ship	Digital Set
50691	ConstructConnect 30 Technology Parkway S Suite 100 Norcross, GA 30092	01006 - Planrooms	Ryan Cahill Phone: (513) 458-8602 Fax: ryan.cahill@constructconnect.com	Filled 1/7/2021	Ship - Digital Set or Ship	Digital Set-Plan Room
50679	Dodge Data & Analytics 2860 S State Hwy 161 Ste. 160 #501 Grand Prairie, TX 75052	01006 - Planrooms	Dodge Documents Phone: (866) 260-9240 Fax: dodge.docs@construction.com	Filled 1/6/2021	Ship - Digital Set or Ship	Digital Set-Plan Room
50673	Dugan & Meyers LLC 11110 Kenwood Road Cincinnati, OH 45242	01000 - General Contractor	Estimating @ Dugan & Myers Phone: (513) 891-4300 Fax: (513) 894-0704 estimating@dugan-meyers.com	Filled 1/7/2021	Ship - Digital Set or Ship	Hard Copy-Digital Set
50728	Eads Fence Co 260 Rainbow Ridge Richmond, KY 40475	02820 - Fences & Gates	Britt Eads Phone: (859) 661-1484 Fax: (859) 986-3240 gbeads1234@gmail.com	Filled 1/25/2021	Ship - Digital Set or Ship	Digital Set
50686	Georgetown Municipal Water & Sewer Service 1000 West Main St. Georgetown, KY 40324	00000 Owner 00000 Owner	Chase Azevedo Phone: (502) 863-7816 Fax: cazevedo@gmwss.com	Filled 1/6/2021	Ship - Digital Set or Ship	Digital Set
50687	Georgetown Municipal Water & Sewer Service 1000 West Main St. Georgetown, KY 40324	00000 Owner 00000 Owner	Alan Bryant Phone: (502) 863-7816 Fax: abryant@gmwss.com	Filled 1/6/2021	Ship - Digital Set or Ship	Digital Set
50713	Hamilton-Hinkle Paving Company 100 Farmers Bank Dr. Suite 400 Georgetown, KY 40324	02730-Asphalt Concrete Paving	Mike Butler Phone: (502) 863-4815 Fax: (502) 863-5093 mike.butler@hamiltonhinkle.com	Filled 1/19/2021	Ship - Digital Set or Ship	Digital Set
50694	J.L. Davis Electrical PO BOX 1028 Barbourville, KY 40906	16000 - Electrical	Rocky Egner Phone: (606) 546-8491 Fax: jldec@hotmail.com	Filled 1/7/2021	Ship - Digital Set or Ship	Digital Set
50677	JAGS Environmental, Inc. 31 Erlanger Road Erlanger, KY 41018	11000 - Equipment	Jason Bivins Phone: (859) 342-4944 Fax: jason@jagsenv.com	Filled 1/6/2021	Ship - Digital Set or Ship	Digital Set
50678	Judy Construction Company 103 S. Church Street Cynthiana, KY 41031	01000 - General Contractor	Owen Yocum Phone: (859) 234-6900 Fax: (859) 234-3480 owen@judyconstructionco.com	Filled 1/7/2021	Ship - Digital Set or Ship	Hard Copy-Digital Set
50682	MAC Construction & Excavating, Inc. 1908 Unruh Court New Albany, IN 47150	00000 Owner 00000 Owner	April Glover Phone: (812) 941-7895 Fax: estimator@macconstruction.com	Filled 1/7/2021	Ship - Digital Set or Ship	Hard Copy-Digital Set
50706	Pace Contracting, LLC 15415 Shelbyville Road Louisville, KY 40245	01001 Prequalified Contractor	Latavia Scott Phone: (502) 815-4142 Fax: (502) 583-6375 lscott@pacecontractingllc.com	Filled 1/11/2021	Ship - Digital Set or Ship	Digital Set
50725	Prime Controls 2822 Westwood Ave Nashville, TN 37212	01006 - Planrooms	Gary Anglin Phone: (815) 382-8389 Fax: g.anglin@prime-controls.com	Filled 1/22/2021	Ship - Digital Set or Ship	Digital Set
50710	RAWDON MYERS NC 300 MILFORD PARKWAY MILFORD, OH 45150	13000 - Special Construction	KELLY HEITFELD Phone: (513) 965-6683 Fax: KELLYH@RAWDONMYERS.COM	Filled 1/15/2021	Ship - Digital Set or Ship	Digital Set
50674	Smith Contractors, Inc. 1241 Bypass N. Lawrenceburg, KY 40342	01000 - General Contractor	Codee Guffey Phone: (502) 839-4196 Fax: (502) 839-8348 cg@sci82.com	Filled 1/7/2021	Ship - Digital Set or Ship	Hard Copy-Digital Set
50690	Southern Sales Company 2937 Kraft Drive Nashville, TN 37204	11200 - Water Supply and Treatment Equipment	Tom Herndon Phone: (615) 254-0066 Fax: (615) 254-0791 tomh@southernsalesinc.com	Filled 1/8/2021	Ship - Digital Set or Ship	Digital Set
50680	The Henry P Thompson Company 101 Main Street #300 Milford, OH 45150	11000 - Equipment	Carrie Clark Phone: (317) 576-6565 Fax: (317) 576-6569 cclark@hpthompson.com	Filled 1/6/2021	Ship - Digital Set or Ship	Digital Set
50708	Veolia Water Technologies (dba Kruger) 4001 Weston Pkwy Cary, NC 27513-2311	11200 - Water Supply and Treatment Equipment	Brandon Ray Phone: (919) 677-8310 Fax: brandon.ray@veolia.com	Filled 1/14/2021	Ship - Digital Set or Ship	Digital Set
50741	Wiglesworth Plumbing & Heating 5439 Stewart Rd Lexington, KY 40516	15400 - Plumbing Fixtures & Equipment	Paul Wiglesworth Phone: (859) 299-7484 Fax: mepipe@windstream.net	Filled 2/4/2021	Ship - Digital Set or Ship	Hard Copy-Digital Set