

**WEIRTON AREA WATER BOARD
BROOKE COUNTY, WEST VIRGINIA
CONTRACT #1 WATER TREATMENT PLANT UPGRADE PROJECT
BID TABULATION
THURSDAY, FEBRUARY 1, 2024 AT 11.00 A.M.
Thrasher Project #010-01233**

Item	Qty.	Unit	Description	Mele & Mele & Sons, Inc. Braddock, PA 15104 WV #047094		Triton Construction, Inc. Saint Albans, WV 25177 WV #046687	
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
			BASE BID				
1	1	LS	Mobilization/Demobilization	\$ 500,000.00	\$ 500,000.00	\$ 200,000.00	\$ 200,000.00
2	1	LS	Video Taping of Project Area	\$ 5,000.00	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00
3	1	LS	Sediment and Erosion Control	\$ 150,000.00	\$ 150,000.00	\$ 250,000.00	\$ 250,000.00
4	1	LS	Upgrades to the existing water treatment plant to increase the treatment capacity from 4.0 MGD to 8.0 MGD with improvements consisting of: abandonment in place of Owner's eight (8) existing groundwater well laterals; installation of four (4) new groundwater well laterals; replacement of groundwater well pumps, controls and accessories; replacement of raw water pump station pumps, controls and accessories; construction of two (2) new pre-sedimentation basins with hoseless sludge collection equipment; construction of a new pre-sedimentation pump station with pumps, controls and accessories; removal and replacement of four (4) existing air stripper units and associated accessories; furnishing of four (4) additional air stripper units and associated accessories; construction of two (2) rapid mixing chambers with mixers, two (2) two-stage flocculators with mixers, two (2) sedimentation basins with plate settlers and hoseless sludge collection equipment; replacement of sludge collection equipment, tube settlers, and effluent troughs in two (2) existing circular clarifiers; removal and replacement of media in four (4) existing filter units; construction of new filter building with four (4) additional filter units and all associated appurtenances; expansion of existing clearwell beneath the new filter building; removal and replacement of existing high-service pumps, Marland Heights pumps, backwash pumps, valves, piping, and other appurtenances; construction of one (1) new backwash decant tank with hoseless sludge collection equipment; removal and replacement of chain-and-flight sludge collection equipment in two (2) existing backwash decant tanks; construction of one (1) new sludge thickener basin with equipment and controls; installation of one (1) new plate and frame filter press and modifications to the existing sludge handling building to accommodate the same; installation of three (3) rotary lobe sludge handling pumps and valve vaults; removal of existing chemical feed equipment; repainting of existing elevated water storage tank; HVAC improvements to existing filter building, air stripper building, and sludge handling building; site electrical service improvements; modifications to Owner's existing SCADA system to accommodate additional equipment; architectural improvements to Owner's existing filter/control building including a new roof, windows, and access ramp; site piping, paving and lighting, ancillary mechanical, electrical, instrumentation, controls, and spare parts; and other items needed to provide a fully tested, complete and operational system.	\$ 37,685,000.00	\$ 37,685,000.00	\$ 39,116,000.00	\$ 39,116,000.00
5	1	LS	To procure, deliver, install, and provide all labor, equipment, materials and services necessary for the installation of new chemical feed equipment including, piping, electrical, mechanical, and all other appurtenances as authorized by the Owner and Engineer for the allowance amount of:	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
6	1	LS	To provide all labor, equipment, materials, and services to provide capital improvements required by the electric company to provide adequate electrical service to the project site including additional power poles, transformers, meters, cable and/or conduit and other electrical accessories for the allowance amount of:	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
			TOTAL BASE BID		\$ 38,690,000.00		\$ 39,946,000.00

DEDUCTIVE ALTERNATE #1

				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
1	1	LS	Deduction of work associated with construction of the pre-sedimentation basins and pre-sedimentation pump station and valve vault including structural concrete for the aforementioned structures; hoseless sludge collection equipment, controls and appurtenances for the pre-sedimentation basins; pre-sedimentation pump station vertical turbine pumps, controls, piping, and accessories; one (1) rotary lobe sludge pump and valve vault; gravel access road; all new site piping connecting these structures to the rest of the treatment process (lines 1, 2, 3, 9 and 10 on the piping legend); and electrical conduit and cable servicing the aforementioned equipment (conduits P-18, P-19, P-20, P-21, P-22, P-30, P-34, P-35, P-36, C-6, C-7, C-8, C-9, C-14, C-15, C-16, C-17 on the conduit and conductors schedule); and all other work whose function is exclusively in support of the pre-sedimentation basins and pump station.	\$ 3,700,000.00	\$ 3,700,000.00	\$ 4,975,000.00	\$ 4,975,000.00
			TOTAL DEDUCTIVE ALTERNATE #1		\$ 3,700,000.00		\$ 4,975,000.00

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