

**Charter Township of Union**  
**DWSRF Project DW-7705A**  
**2024 Water System Upgrades**  
**Division C: Water Treatment Plant Upgrades**  
**BID RESULTS SUMMARY - Base Bid**

Item No.	Description	Unit	Estimated Quantity	RCL Construction		JR Heineman	
				Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
<b>SITE</b>							
1	Mobilization, Max 5%	LS	1	\$ 193,200.00	\$ 193,200.00	\$ 25,300.00	\$ 25,300.00
2	Site Clearing & Grubbing	AC	1.22	\$ 5,750.00	\$ 7,015.00	\$ 5,500.00	\$ 6,710.00
3	Site Grading	AC	1.22	\$ 11,500.00	\$ 14,030.00	\$ 9,015.60	\$ 10,999.03
4	Asphalt Surface Removal	SF	10,600	\$ 1.50	\$ 15,900.00	\$ 0.83	\$ 8,798.00
5	Concrete Pad / Apron Removal	SF	280	\$ 2.30	\$ 644.00	\$ 3.85	\$ 1,078.00
6	Dumpster Removal, Including Enclosure	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 13,750.00	\$ 13,750.00
7	Water Main Abandonment, Including Cut & Cap	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 2,750.00	\$ 2,750.00
8	Relocate Existing Hydrant (Live Tap)	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 3,850.00	\$ 3,850.00
9	Pole Building, 20'x30', Including Concrete Pad and Electric Service	LS	1	\$ 61,000.00	\$ 61,000.00	\$ 107,167.50	\$ 107,167.50
10	SESC Controls, Silt Fence	LF	800	\$ 3.50	\$ 2,800.00	\$ 4.40	\$ 3,520.00
11	Asphalt Pavement, 4EL Top/Base 330#/Syd	SY	2,000	\$ 28.50	\$ 57,000.00	\$ 27.50	\$ 55,000.00
12	6" Aggregate Base	CY	340	\$ 40.00	\$ 13,600.00	\$ 66.00	\$ 22,440.00
13	Raised Bit Curb	LF	300	\$ 6.00	\$ 1,800.00	\$ 6.05	\$ 1,815.00
14	Asphalt Spillway, Including Rip Rap	EA	2	\$ 1,600.00	\$ 3,200.00	\$ 1,969.00	\$ 3,938.00
15	Standard Concrete Walk	SF	120	\$ 9.00	\$ 1,080.00	\$ 43.01	\$ 5,161.20
16	Concrete Pad	SF	420	\$ 9.00	\$ 3,780.00	\$ 20.56	\$ 8,635.20
17	Concrete Dumpster Pad	SF	100	\$ 22.00	\$ 2,200.00	\$ 124.98	\$ 12,498.00
18	Drainage Swale	LF	90	\$ 17.00	\$ 1,530.00	\$ 18.33	\$ 1,649.70
19	Backwash / Stormwater Basin Expansion	SF	49,500	\$ 0.12	\$ 5,940.00	\$ 1.01	\$ 49,995.00
20	Bollards	EA	10	\$ 500.00	\$ 5,000.00	\$ 1,081.74	\$ 10,817.40
21	Connect to Existing Water Main, All sizes	EA	2	\$ 11,500.00	\$ 23,000.00	\$ 1,375.00	\$ 2,750.00
22	Connect to Existing (Live Tap), Including Tapping Sleeve & Valve (all Sizes)	EA	2	\$ 17,000.00	\$ 34,000.00	\$ 13,750.00	\$ 27,500.00
23	2" Yard Hydrant (Live Tap)	EA	1	\$ 5,700.00	\$ 5,700.00	\$ 3,300.00	\$ 3,300.00
24	2" Water Sample Line (Post), HDPE DR 9	LF	20	\$ 85.00	\$ 1,700.00	\$ 110.00	\$ 2,200.00
25	16" C900 Water Main	LF	300	\$ 165.00	\$ 49,500.00	\$ 330.00	\$ 99,000.00
26	12" C900 Water Main	LF	40	\$ 150.00	\$ 6,000.00	\$ 206.80	\$ 8,272.00
27	8" C900 Water Main	LF	120	\$ 145.00	\$ 17,400.00	\$ 160.60	\$ 19,272.00
28	Insertion Valve, All Sizes	EA	2	\$ 15,000.00	\$ 30,000.00	\$ 16,192.00	\$ 32,384.00
29	Site Restoration	LS	1	\$ 11,000.00	\$ 11,000.00	\$ 53,196.00	\$ 53,196.00
<b>Facility</b>							
30	Filter Room Existing Building Demolition & Removals	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 16,995.88	\$ 16,995.88
31	Pump Room Existing Building Demolition & Removals	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 8,398.28	\$ 8,398.28
32	Chem Feed / Storage Room Existing Building Demolition & Removals	LS	1	\$ 4,500.00	\$ 4,500.00	\$ 3,998.28	\$ 3,998.28
33	Maintenance Room Existing Building Demolition & Removals	LS	1	\$ 6,000.00	\$ 6,000.00	\$ 3,998.28	\$ 3,998.28
34	Filter Room Building Expansion, Including Doors & Windows	SF	2500	\$ 300.00	\$ 750,000.00	\$ 99.26	\$ 248,150.00
35	Filter Room Expansion - Electrical, Plumbing, HVAC & lighting	LS	1	\$ 80,000.00	\$ 80,000.00	\$ 73,832.00	\$ 73,832.00
36	Pump Room Building Expansion, Including Doors & Windows	SF	430	\$ 155.00	\$ 66,650.00	\$ 135.94	\$ 58,454.20
37	Pump Room Expansion - Electrical, Plumbing, HVAC & lighting	LS	1	\$ 61,000.00	\$ 61,000.00	\$ 58,157.00	\$ 58,157.00
38	Chemical Feed & Storage Room Expansion, Including Doors & Windows	SF	250	\$ 150.00	\$ 37,500.00	\$ 188.54	\$ 47,135.00
39	Chemical Feed & Storage Room Expansion - Electrical, Plumbing, HVAC & lighting	LS	1	\$ 98,000.00	\$ 98,000.00	\$ 95,315.00	\$ 95,315.00

40	Maintenance Garage Building Expansion, Including Doors & Windows	SF	610	\$ 115.00	\$ 70,150.00	\$ 277.84	\$ 169,482.40
41	Maintenance Garage Expansion - Electrical, Plumbing, HVAC & Lighting	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 44,986.70	\$ 44,986.70
42	Existing Process Piping Removal & Abandonments	LS	1	\$ 6,900.00	\$ 6,900.00	\$ 6,600.00	\$ 6,600.00
	Proposed Process Piping, Including Valves, Fittings & Appurtenances	LS	1	\$ 269,100.00	\$ 269,100.00	\$ 257,400.00	\$ 257,400.00
44	Instrumentation (Flowmeters & Transducers)	LS	1	\$ 82,000.00	\$ 82,000.00	\$ 78,999.80	\$ 78,999.80
45	Horizontal Pressure Filter, Including Face Piping, Valves, Fittings, Aerator & Panels	LS	1	\$ 1,237,869.00	\$ 1,237,869.00	\$ 1,026,916.00	\$ 1,026,916.00
46	Horizontal Pressure Filter Room Electrical/Controls, Wiring & Conduit	LS	1	\$ 33,000.00	\$ 33,000.00	\$ 31,267.50	\$ 31,267.50
47	Horizontal Pressure Filter Backwash Piping	LS	1	\$ 42,600.00	\$ 42,600.00	\$ 37,400.00	\$ 37,400.00
48	Backwash Pit, Including Grating & Discharge Connection	LS	1	\$ 15,100.00	\$ 15,100.00	\$ 550.00	\$ 550.00
49	Trench Drain, Including Grating	LF	40	\$ 575.00	\$ 23,000.00	\$ 72.05	\$ 2,882.00
50	3" Sch 80 PVC Airwash Piping, including Valves, Fittings & Appurtenances, Including Demolition of Existing	LF	30	\$ 324.00	\$ 9,720.00	\$ 310.20	\$ 9,306.00
51	Chemical Feed, Sample Line & Compressed Air Poly Tubing	LS	1	\$ 9,200.00	\$ 9,200.00	\$ 6,820.00	\$ 6,820.00
52	Proposed High Service Pump #4	LS	1	\$ 89,000.00	\$ 89,000.00	\$ 85,030.00	\$ 85,030.00
53	Pump Room Electrical/Controls, Wiring & Conduit	LS	1	\$ 8,500.00	\$ 8,500.00	\$ 8,299.50	\$ 8,299.50
54	Proposed Chemical Feed Skids	EA	3	\$ 22,500.00	\$ 67,500.00	\$ 23,595.00	\$ 70,785.00
55	Chemical Feed Pump	EA	1	\$ 9,000.00	\$ 9,000.00	\$ 9,482.00	\$ 9,482.00
56	Chemical Feed Room Electrical / Controls, Wiring & Conduit	LS	1	\$ 43,000.00	\$ 43,000.00	\$ 43,619.40	\$ 43,619.40
57	2" & 4" Sch 40 PVC Conduit & Fittings for Chemical Feed, Including Demolition of Existing	LF	60	\$ 155.00	\$ 9,300.00	\$ 137.50	\$ 8,250.00
58	2" Sch 40 PVC Conduit & Fittings for Compressed Air, Including Demolition of Existing	LS	1	\$ 3,450.00	\$ 3,450.00	\$ 3,300.00	\$ 3,300.00
59	SCADA Allowance (Instrumentation / Control Contractor)	LS	1	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00
60	Facility Restoration	LS	1	\$ 500.00	\$ 500.00	\$ 5,500.00	\$ 5,500.00
<b>MISSION WATER TREATMENT PLANT</b>							
1	Mobilization, Max 5%	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 9,680.00	\$ 9,680.00
2	Gravity Filter Removal, 12' Dia.	LS	1	\$ 56,000.00	\$ 56,000.00	\$ 62,425.00	\$ 62,425.00
3	Roof Removal and Replacement	LS	1	\$ 23,550.00	\$ 23,550.00	\$ 46,757.40	\$ 46,757.40
4	Mechanical Piping, Valves & Fitting Modifications	LS	1	\$ 16,560.00	\$ 16,560.00	\$ 15,840.00	\$ 15,840.00
5	Concrete Pad Removal and Replacement	LS	1	\$ 11,500.00	\$ 11,500.00	\$ 13,618.00	\$ 13,618.00
6	Flow Meter including Electrical & Conduit	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 24,545.40	\$ 24,545.40
7	8" C900 Transmission Main	LF	20	\$ 0.01	\$ 0.20	\$ 220.00	\$ 4,400.00
8	8" Gate Valve	EA	1	\$ -	\$ -	\$ 3,300.00	\$ 3,300.00
9	Connect to Existing Water Main	EA	1	\$ 5,106.00	\$ 5,106.00	\$ 3,300.00	\$ 3,300.00
10	SESC and Restoration	LS	1	\$ 6,325.00	\$ 6,325.00	\$ 7,700.00	\$ 7,700.00
11	SCADA Allowance (Instrumentation / Control Contractor)	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
<b>WELL SITE NO. 12</b>							
1	Mobilization, Max 5%	LS	1	\$ 15,300.00	\$ 15,300.00	\$ 24,475.00	\$ 24,475.00
2	Well House Building	SF	300	\$ 230.00	\$ 69,000.00	\$ 439.60	\$ 131,880.00
3	Generator Set	LS	1	\$ 52,000.00	\$ 52,000.00	\$ 52,154.30	\$ 52,154.30
4	Automatic Transfer Switch	LS	1	\$ 5,500.00	\$ 5,500.00	\$ 5,698.00	\$ 5,698.00
5	Mechanical Piping, Valves, & Fittings	LS	1	\$ 39,200.00	\$ 39,200.00	\$ 40,810.00	\$ 40,810.00
6	Instrumentation (Flowmeter & Transducer)	LS	1	\$ 41,000.00	\$ 41,000.00	\$ 39,305.02	\$ 39,305.02
7	Wellhouse Electrical, Lighting & HVAC	LS	1	\$ 63,400.00	\$ 63,400.00	\$ 60,650.70	\$ 60,650.70
8	Connect to Existing Water Main, 8"	EA	2	\$ 5,750.00	\$ 11,500.00	\$ 2,200.00	\$ 4,400.00
9	8" C900 Water Main	LF	100	\$ 150.00	\$ 15,000.00	\$ 159.50	\$ 15,950.00
10	Site Electrical Allowance	LS	1	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
11	Fiber Optic Allowance	LS	1	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
12	SESC and Restoration	LS	1	\$ 6,000.00	\$ 6,000.00	\$ 11,000.00	\$ 11,000.00
13	SCADA Allowance (Instrumentation / Control Contractor)	LS	1	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
14	Natural Gas Allowance	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
Total of All Unit Price Bid Items					\$ 4,517,499.20		\$ 3,941,445.07
= Rounding/Calculatory Error							