

RFB BID TAB EVALUATION

Owner: Great Lakes Water Authority (GLWA)
Title: Park-Merriman RD 24-Inch Water Main

Contract No.: RFB-1802775

Approve to Publish by: Marian Okoro
 Procurement Management Professional

				Salenbien Trucking and Excavating		Verdeterre Contracting, Inc.		Weiss Construction Co., LLC		Z Contractors, Inc.	
#	Items	Quantity Required	Unit of Measure	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
#0-1	General Construction	1	Lump Sum (LS)	\$ 183,091.50	\$ 183,091.50	\$ 150,000.00	\$ 150,000.00	\$ 585,000.00	\$ 585,000.00	\$ 125,000.00	\$ 125,000.00
#0-2	Mobilization	1	Lump Sum (LS)	6,210.00	6,210.00	225,000.00	225,000.00	350,000.00	350,000.00	300,000.00	300,000.00
#0-3	Demobilization	1	Lump Sum (LS)	3,105.00	3,105.00	67,500.00	67,500.00	75,000.00	75,000.00	50,000.00	50,000.00
#0-4	Provisional Allowance (Must enter \$600,000 on this line)	1	Lump Sum (LS)	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00
#0-5	Provisionary Allowance for disposal for hazardous materials (Must enter \$45,000 on this line)	1	Lump Sum (LS)	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00
#0-6	Utility Relocation Allowance (Must enter \$100,000 on this line)	1	Lump Sum (LS)	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
#0-7	Exploratory excavation of utility crossings (Must enter \$30,000 on this line)	1	Lump Sum (LS)	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
#0-8	Allowance for Permit Inspection by Jurisdiction Agencies (Must enter \$525,000 on this line)	1	Lump Sum (LS)	525,000.00	525,000.00	525,000.00	525,000.00	525,000.00	525,000.00	525,000.00	525,000.00
#0-9	Allowance for Traffic Signal at Merriman and Railroad Crossing	1	Lump Sum (LS)	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00

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	(Must enter \$150,000 on this line)										
#0-10	Furnish and Install 24-inch diameter Ductile Iron Pipe and all fittings (bends, tees, couplings etc.) including excavation and backfilling	5767	Linear Feet (LF)	249.70	1,440,019.90	368.50	2,125,139.50	485.00	2,796,995.00	425.00	2,450,975.00
#0-11	Furnish and Install 16-inch diameter Ductile Iron Pipe and all fittings (bends, tees, couplings etc.) including excavation and backfilling	412	Linear Feet (LF)	224.30	92,411.60	214.00	88,168.00	390.00	160,680.00	500.00	206,000.00
#0-12	Furnish and Install 12-inch diameter Ductile Iron Pipe and all fittings (bends tees, coupling etc.), including excavation and backfilling	162	Linear Feet (LF)	307.40	49,798.80	220.00	35,640.00	472.00	76,464.00	500.00	81,000.00
#0-13	Furnish and Install 4-inch, 6-inch and 8-inch diameter Ductile Iron Pipe and all fittings (bends tees, coupling etc.), including excavation and backfilling	21	Linear Feet (LF)	704.80	14,800.80	200.00	4,200.00	468.00	9,828.00	2,500.00	52,500.00
#0-14	Furnish and Install 8-mil Polyethylene wrap	7293	Linear Feet (LF)	1.05	7,657.65	6.00	43,758.00	1.00	7,293.00	2.25	16,409.25

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#0-15	Furnish and install 24-inch diameter ductile iron pipe within 54-inch steel casing through Michigan Avenue right of way using jack and bore method	303	Linear Feet (LF)	1,075.40	325,846.20	1,615.00	489,345.00	1,960.00	593,880.00	1,300.00	393,900.00
#0-16	Furnish and Install 24-inch diameter Ductile Iron Pipe by Directional drilling method	1218	Linear Feet (LF)	931.50	1,134,567.00	1,165.00	1,418,970.00	860.00	1,047,480.00	925.00	1,126,650.00
#0-17	Remove existing 24-inch water main and fittings	262	Linear Feet (LF)	10.35	2,711.70	40.00	10,480.00	175.00	45,850.00	40.00	10,480.00
#0-18	Remove existing 16-inch water main and fittings	12	Linear Feet (LF)	10.35	124.20	95.00	1,140.00	528.00	6,336.00	40.00	480.00
#0-19	Remove existing 8-inch water main and fittings	9	Linear Feet (LF)	10.35	93.15	140.00	1,260.00	403.00	3,627.00	70.00	630.00
#0-20	Remove existing 4-inch and 6-inch water main and fittings	94	Linear Feet (LF)	10.35	972.90	70.00	6,580.00	687.00	64,578.00	25.00	2,350.00
#0-21	Furnish and install Air valve in well (complete) for 24-inch DI water main including excavation, backfilling	6	Each (EA)	6,807.20	40,843.20	6,000.00	36,000.00	6,065.00	36,390.00	10,000.00	60,000.00
#0-22	Furnish and install 6-inch blow-off in well (complete including piping) including excavation, backfilling	8	Each (EA)	12,032.90	96,263.20	10,500.00	84,000.00	12,460.00	99,680.00	8,500.00	68,000.00
#0-23	Furnish and Install 16-inch GLWA gate valve, well and reducers including excavation, backfilling.	11	Each (EA)	12,912.65	142,039.15	28,500.00	313,500.00	26,360.00	289,960.00	20,000.00	220,000.00

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#0-24	Furnish and Install 12-inch GLWA gate valve and well including excavation, backfilling	3	Each (EA)	11,360.15	34,080.45	9,250.00	27,750.00	15,220.00	45,660.00	15,000.00	45,000.00
#0-25	Remove existing 24-inch Gate valve and well	1	Each (EA)	2,457.10	2,457.10	2,500.00	2,500.00	1,100.00	1,100.00	750.00	750.00
#0-26	Remove Existing 12-inch gate valve and well	1	Each (EA)	2,457.10	2,457.10	1,200.00	1,200.00	730.00	730.00	750.00	750.00
#0-27	Furnish and Install 6-inch tapping sleeve & valve in well including excavation, backfilling	1	Each (EA)	7,764.60	7,764.60	8,000.00	8,000.00	8,850.00	8,850.00	7,731.00	7,731.00
#0-28	Chlorination, flushing and hydrostatic pressure test of all ductile iron water main	1	Lump Sum (LS)	4,657.50	4,657.50	35,000.00	35,000.00	25,000.00	25,000.00	45,000.00	45,000.00
#0-29	Cast-in-place reinforced concrete encasement for 24-inch, 16-inch & 12-inch Ductile Iron water main as per drawings	1431	Linear Feet (LF)	426.40	610,178.40	390.00	558,090.00	590.00	844,290.00	300.00	429,300.00
#0-30	Abandon 16-inch existing water main using flowable fill	1742	Linear Feet (LF)	6.50	11,323.00	13.00	22,646.00	26.00	45,292.00	10.00	17,420.00
#0-31	Abandon 24-inch existing water main near Michigan Pump Station	32	Linear Feet (LF)	7.25	232.00	138.00	4,416.00	155.00	4,960.00	45.00	1,440.00
#0-32	Remove and replace existing curb	60	Linear Feet (LF)	36.20	2,172.00	100.00	6,000.00	100.00	6,000.00	85.00	5,100.00
#0-33	Restoration and Cleanup in Venoy Road Right-of-way within the Pavement	102	Square Yard (SY)	181.15	18,477.30	155.00	15,810.00	195.00	19,890.00	100.00	10,200.00

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#0-34	Restoration and Cleanup in Venoy Road Right-of-way Off the Pavement	920	Linear Feet (LF)	21.50	19,780.00	7.00	6,440.00	25.00	23,000.00	17.00	15,640.00
#0-35	Restoration of 12-foot Gravel road and Turf Grass per Wayne County Park	1880	Linear Feet (LF)	43.50	81,780.00	28.50	53,580.00	45.00	84,600.00	15.00	28,200.00
#0-36	Wayne county park restoration after pipe installation (as per Wayne county specification)*	1	Lump Sum (LS)	66,041.30	66,041.30	48,000.00	48,000.00	19,375.00	19,375.00	35,700.00	35,700.00
#0-37	Restoration of Merriman Road (Wayne county and MDOT) Right-of-way within the Pavement	2168	Square Yard (SY)	141.30	306,338.40	200.00	433,600.00	150.00	325,200.00	145.00	314,360.00
#0-38	Restoration in Merriman Road (Wayne County) Right-of-way Off the Pavement	75	Square Yard (SY)	10.35	776.25	17.00	1,275.00	28.00	2,100.00	20.00	1,500.00
#0-39	Tree removal and replacement as specified by Wayne County Park (Refer to Sheet No.20, and Specification 02900)	1	Lump Sum (LS)	82,644.75	82,644.75	127,000.00	127,000.00	130,000.00	130,000.00	110,000.00	110,000.00
#0-40	Soil Erosion and Sedimentation Control	1	Lump Sum (LS)	34,258.50	34,258.50	94,500.00	94,500.00	25,000.00	25,000.00	45,000.00	45,000.00
#0-41	Remove and Replace Guard Rail near Station 55+00 per Wayne County requirement	1	Lump Sum (LS)	517.50	517.50	10,000.00	10,000.00	8,000.00	8,000.00	3,000.00	3,000.00
#0-42	Furnish and install marker and appurtenance	16	Each (EA)	155.25	2,484.00	310.00	4,960.00	200.00	3,200.00	60.00	960.00

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#0-43	Furnish and install project sign	3	Each (EA)	1,552.50	4,657.50	500.00	1,500.00	750.00	2,250.00	1,500.00	4,500.00
#0-44	Provide and maintain traffic control throughout the project as required by jurisdiction agencies	1	Lump Sum (LS)	80,999.10	80,999.10	145,000.00	145,000.00	85,000.00	85,000.00	182,300.00	182,300.00
#0-45	Pavement Markings	1500	Linear Feet (LF)	2.05	3,075.00	2.60	3,900.00	1.50	2,250.00	1.50	2,250.00
#0-46	Restoration of shoulders and drive way	1	Lump Sum (LS)	4,140.00	4,140.00	8,000.00	8,000.00	9,800.00	9,800.00	3,000.00	3,000.00
#0-47	Restoration of all the areas affected from the project including but not limited to shoulders, driveway, sidewalks, curb & gutter, traffic signs etc	1	Lump Sum (LS)	6,468.75	6,468.75	6,500.00	6,500.00	1.00	1.00	15,000.00	15,000.00
#0-48	Excavation and backfill for both meter pits	420	Cubic Yard (CY)	91.10	38,262.00	65.00	27,300.00	80.00	33,600.00	50.00	21,000.00
#0-49	Furnish and installing precast meter vault (29'-3"x11'-4"x9'-8") for WY-02	1	Each (EA)	38,052.80	38,052.80	57,150.00	57,150.00	82,000.00	82,000.00	150,000.00	150,000.00
#0-50	Furnish and installing precast meter vault (33'-3"x11'-4"x9'-8") for WY-03	1	Each (EA)	38,052.80	38,052.80	57,150.00	57,150.00	82,000.00	82,000.00	50,000.00	50,000.00
#0-51	Furnish and install 10" SIEMENS flow meter model# MAG5100W DN 250 for meter WY-02	1	Each (EA)	8,797.50	8,797.50	23,000.00	23,000.00	12,500.00	12,500.00	20,000.00	20,000.00
#0-52	Furnish and install 10" SIEMENS flow meter model# MAG5100W DN 250 for meter WY-03	1	Each (EA)	7,762.50	7,762.50	23,000.00	23,000.00	12,500.00	12,500.00	20,000.00	20,000.00

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#0-53	Furnish and Install 12-inch check valve	2	Each (EA)	8,280.00	16,560.00	11,500.00	23,000.00	5,700.00	11,400.00	5,000.00	10,000.00
#0-54	Furnish and Install 12-inch gate valve in meter pits	5	Each (EA)	5,175.00	25,875.00	6,700.00	33,500.00	5,225.00	26,125.00	10,000.00	50,000.00
#0-55	Furnish and install 16-inch restrained coupling for meter WY-02	1	Each (EA)	2,070.00	2,070.00	2,350.00	2,350.00	1,800.00	1,800.00	2,000.00	2,000.00
#0-56	Furnish and install 12-inch restrained coupling for meter WY-03	1	Each (EA)	2,070.00	2,070.00	2,000.00	2,000.00	1,800.00	1,800.00	1,250.00	1,250.00
#0-57	Furnish and install 10-inch restrained coupling for Meter WY-02 & WY-03	2	Each (EA)	2,070.00	4,140.00	2,300.00	4,600.00	1,400.00	2,800.00	1,000.00	2,000.00
#0-58	Furnish and Install 12-inch diameter Ductile Iron Pipe and all fittings (bends tees, coupling etc.)	66	Linear Feet (LF)	377.80	24,934.80	430.00	28,380.00	595.00	39,270.00	250.00	16,500.00
#0-59	Furnish and Install 10-inch diameter Ductile Iron Pipe and all fittings (bends tees, coupling etc.)	20	Linear Feet (LF)	362.25	7,245.00	710.00	14,200.00	590.00	11,800.00	200.00	4,000.00
#0-60	Furnish and install 3'x3' Aluminum Access Hatch for meter pits	2	Each (EA)	1,371.40	2,742.80	2,200.00	4,400.00	3,000.00	6,000.00	2,250.00	4,500.00
#0-61	Furnish and install Aluminum Access ladder	2	Each (EA)	828.00	1,656.00	2,900.00	5,800.00	1,500.00	3,000.00	3,250.00	6,500.00
#0-62	Furnish and install 4" Extruded Polyester Insulation	70	Square Yard (SY)	5.20	364.00	70.00	4,900.00	50.00	3,500.00	55.00	3,850.00
#0-63	Furnish and install Sump pump, PVC line, and grate	2	Each (EA)	776.25	1,552.50	16,200.00	32,400.00	15,000.00	30,000.00	20,000.00	40,000.00
#0-64	Furnish and install 6" Dia. Air intake pipe for WY-02	2	Each (EA)	7,245.00	14,490.00	5,800.00	11,600.00	5,000.00	10,000.00	10,000.00	20,000.00

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	and WY-03-meter vaults										
#0-65	12" thick 6 AA stone base	43	Cubic Yard (CY)	36.25	1,558.75	56.50	2,429.50	40.00	1,720.00	62.00	2,666.00
#0-66	Furnish and install Electrical system and appurtenances for WY-02 and WY-03-meter vaults	1	Lump Sum (LS)	29,673.45	29,673.45	57,500.00	57,500.00	28,200.00	28,200.00	26,000.00	26,000.00
#0-67	Establish Electrical feed for WY-02 and WY-03-meter vaults	1	Lump Sum (LS)	15,442.20	15,442.20	37,850.00	37,850.00	8,775.00	8,775.00	8,000.00	8,000.00
#0-68	Furnish and Install SCADA system for WY-02 and WY-03-meter vaults	1	Lump Sum (LS)	42,134.85	42,134.85	20,000.00	20,000.00	22,965.00	22,965.00	26,000.00	26,000.00
#0-69	Technical Testing (electrical, mechanical, and instrumentation) for WY-02 and WY-03-meter vaults	1	Lump Sum (LS)	7,400.25	7,400.25	5,650.00	5,650.00	28,675.00	28,675.00	25,000.00	25,000.00
#0-70	Furnish and Install Temporary Connection of 24-inch water main as per GLWA requirement at Sta 68+86.36 and Dismantle temporary connection	1	Lump Sum (LS)	15,525.00	15,525.00	20,000.00	20,000.00	45,000.00	45,000.00	30,000.00	30,000.00
#0-71	Restoration of 28'± Gravel road per Wayne County Park	1260	Linear Feet (LF)	10.35	13,041.00	22.50	28,350.00	35.00	44,100.00	30.00	37,800.00
#0-72	Furnish and Install Double leaf swing gate with pedestrian offset per Wayne county park approval	1	Lump Sum (LS)	2,070.00	2,070.00	4,500.00	4,500.00	3,000.00	3,000.00	4,000.00	4,000.00

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#0-73	Restoration of Parking lot at Meter WY-02 including but not limited to Asphalt pavement, sub base, bollards & post etc	1	Lump Sum (LS)	25,875.00	25,875.00	27,500.00	27,500.00	35,000.00	35,000.00	10,000.00	10,000.00
#0-74	Removal and Replacement of In kind security fence as per GLWA security requirement	1	Lump Sum (LS)	5,175.00	5,175.00	6,500.00	6,500.00	7,000.00	7,000.00	2,000.00	2,000.00
#0-75	Flushing and Chlorination of 11,000 L.F. of 24-inch Water main in Glenwood Road	1	Lump Sum (LS)	5,175.00	5,175.00	35,000.00	35,000.00	20,000.00	20,000.00	37,000.00	37,000.00
#0-76	Furnish and Install Instrumentation system & SCADA system including cabinet panel and all accessories for WY-02 and WY-03-meter vaults	1	Lump Sum (LS)	20,700.00	20,700.00	138,000.00	138,000.00	87,000.00	87,000.00	78,600.00	78,600.00
Total Cost				\$	6,796,714.65	\$	8,914,357.00	\$	10,122,119.00	\$	8,647,141.25