LAKE COUNTY PUBLIC WORKS DEPARTMENT YEAR 2013 WATERMAIN REPLACEMENT PROJECT (BID # 13004)

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	24 contractors acquired bid documents											
	Engineer's Estimate \$1,793,234.00			R.A. Mancini Inc.		Concept Plumbing, Inc.		Berger Excavating Contractors, Inc.		RJ Underground, Inc.		
	4 Bids received			<mark>2530 Rte. 176, S</mark>		554 W. Wood St.		1205 Garland Rd.		5330 50th St. Ste. 200		
				Prairie Grove, II	Prairie Grove, II 60012		Palatine, Il 60067		Wauconda, Il 60084		Kenosha, Wi 53144	
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			APPROX.	PRICE		PRICE		PRICE		PRICE		
	UNIT PRICE ITEM	UNIT	NO. OF	PER		PER		PER		PER		
			UNITS	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	
	ITEM											
1	12-Inch PVC Watermain (Installation by Horizontal Directional Drilling).	Foot	1651	\$130.00	214,630.00	\$118.00	\$194,818.00	\$160.00	\$264,160.00	\$97.00	\$160,147.00	
2	8- Inch PVC or 10- Inch HDPE Watermain (Installation by Horizontal Directional	Foot	2638	\$90.00	\$237,420.00	\$114.00	\$300,732.00	\$150.00	\$395,700.00	\$77.00	\$203,126.00	
3	8- Inch HDPE Watermain (Installation by Static Pipe Bursting)	Foot	750	\$150.00	\$112,500.00	\$147.00	\$110,250.00	\$170.00	\$127,500.00	\$120.00	\$90,000.00	
	8-Inch PVC Watermain (Installation by Open Cut)	Foot	260	\$50.00	\$13,000.00	\$70.00	\$18,200.00	\$77.50	\$20,150.00	\$125.00	\$32,500.00	
	8-Inch PVC Watermain (Installatiojn by Tree Augering)	Foot	45	\$190.00	\$8,550.00	\$140.00	\$6,300.00	\$115.00	\$5,175.00	\$190.00	\$8,550.00	
	6- Inch Watermain Cleaning and In-Situ Resin Lining	Foot	1830	\$150.00	\$274,500.00	\$128.00	\$234,240.00	\$108.00	\$197,640.00	\$140.00	\$256,200.00	
7	6- Inch PVC Watermain (Installation by Open Cut)	Foot	15	\$75.00	\$1,125.00	\$76.00	\$1,140.00	\$62.50	\$937.50	\$20.00	\$300.00	
8	5- foot diameter valve vault with 12- inch Gate Valve	Each	1	\$5,300.00	\$5,300.00	\$8,505.00	\$8,505.00	\$5,150.00	\$5,150.00	\$7,600.00	\$7,600.00	
9	5- foot diameter Valve Vault with 8-inch Gate Valve	Each	10	\$4,025.00	\$40,250.00	\$5,881.00	\$58,810.00	\$3,700.00	\$37,000.00	\$7,000.00	\$70,000.00	
10	Pressure Connecvtion / 12"x12"x12"Tapping Sleeve and Valve with Valve Vault	Each	2	\$9,750.00	\$19,500.00	\$16,474.00	\$32,948.00	\$7,550.00	\$15,100.00	\$11,850.00	\$23,700.00	
11	Pressure Connecvtion / 8"x8"x8"Tapping Sleeve and Valve with Valve Vault	Each	1	\$7,700.00	\$7,700.00	\$14,987.00	\$14,987.00	\$5,450.00	\$5,450.00	\$9,600.00	\$9,600.00	
12	6- Inch Inserting Valve with valve Box	Each	6	\$9,300.00	\$55,800.00	\$7,402.00	\$44,412.00	\$6,325.00	\$37,950.00	\$6,500.00	\$39,000.00	
13	Fire Hydrant with Auxiliary Valve and Box	Each	17	\$5,300.00	\$90,100.00	\$5,453.00	\$92,701.00	\$5,000.00	\$85,000.00	\$5,900.00	\$100,300.00	
14	Watermain Encasement, Including Watermqin Pipe	Foot	144	\$280.00	\$40,320.00	\$170.00	\$24,480.00	\$140.00	\$20,160.00	\$175.00	\$25,200.00	
15	Bore and Jack, 20-Inch Steel casing Pipe, Including Watermain Pipe	Foot	114	\$400.00	\$45,600.00	\$307.00	\$34,998.00	\$340.00	\$38,760.00	\$600.00	\$68,400.00	
16	Existing Fire Hydrant and Auxiliary valve Box Removal	Each	9	\$500.00	\$4,500.00	\$479.00	\$4,311.00	\$725.00	\$6,525.00	\$1,200.00	\$10,800.00	
17	Existing Valve Box Removal	Each	6	\$500.00	\$3,000.00	\$160.00	\$960.00	\$625.00	\$3,750.00	\$1,100.00	\$6,600.00	

18	Repair of Existing Sanitary Services at watermain Crossing	Each	29	\$270.00	\$7,830.00	\$527.00	\$15,283.00	\$1,685.00	\$48,865.00	\$600.00	\$17,400.00
19	1- Inch water Service Reconnection - Near (Type K Copper Tube)	Each	55	\$1,275.00	\$70,125.00	\$1,459.00	\$80,245.00	\$1,050.00	\$57,750.00	\$1,700.00	\$93,500.00
20	1- Inch Water Service Reconnection - Far(Type K Copper Tube)	Each	21	\$2,025.00	\$42,525.00	\$3,198.00	\$67,158.00	\$2,050.00	\$43,050.00	\$3,000.00	\$63,000.00
21	2- Inch Type K Copper Pipe, Roundway and Corporation Stop for Pressure Testing	Each	8	\$775.00	\$6,200.00	\$944.00	\$7,552.00	\$1,150.00	\$9,200.00	\$525.00	\$4,200.00
22	1- Inch Type K Copper Pipe, Roundway and Corporation Stop for Chlorination sampling	Each	14	\$350.00	\$4,900.00	\$498.00	\$6,972.00	\$835.00	\$11,690.00	\$325.00	\$4,550.00
23	Acess Points for Watermain Cleaning and In- Situ Resin Lining	Each	13	\$3,500.00	\$45,500.00	\$2,790.00	\$36,270.00	\$5,500.00	\$71,500.00	\$6,900.00	\$89,700.00
24	Storm Sewer Removal/ Replacement with PVC AWWA C-900 DR-18, all pipe sizes locations and depths	Foot	821	\$55.00	\$45,155.00	\$97.50	\$80,047.50	\$97.00	\$79,637.00	\$40.00	\$32,840.00
25	Granular Trench Backfill, CA-7 (100% Crushed), No. 6 Washed Stone or CA-6 Grade 8 (100%Crushed) - see plans for specific locations	Foot	321	\$43.00	\$13,803.00	\$43.50	\$13,963.50	\$35.00	\$11,235.00	\$50.00	\$16,050.00
26	Controlled Low- Strenght Material (LCDOT Roadways)	Foot	110	\$135.00	\$14,850.00	\$160.00	\$17,600.00	\$81.00	\$8,910.00	\$350.00	\$38,500.00
27	Existing Storm Sewer Televising (Per Owners Direction)	Foot	1530	\$4.00	\$6,120.00	\$2.00	\$3,060.00	\$3.25	\$4,972.50	\$7.00	\$10,710.00
28	6- Inch CA-6 Granular Base, Grade 8 (Roadway Removal/Replacement)	Square Yard	305	\$10.00	\$3,050.00	\$28.00	\$8,540.00	\$32.00	\$9,760.00	\$10.00	\$3,050.00
29	6- Inch Bituminous Concrete Binder Course, Hot-Mix Asphalt (Roadway Removal/Replacement)	Square Yard	205	\$77.00	\$15,785.00	\$44.00	\$9,020.00	\$90.75	\$18,603.75	\$80.00	\$16,400.00
30	10- Inch Bituminous Concrete Binder Course, Hot-mix Asphalt (Roadway Removal/Replacement-LCDOT Roadways)	Square Yard	100	\$132.00	\$13,200.00	\$60.00	\$6,000.00	\$157.25	\$15,725.00	\$140.00	\$14,000.00
31	1-1/2- Inch Bituminous Concrete Binder Course, Hot-Mix asphalt (Temporary Patch)	Square Yard	25	\$60.00	\$1,500.00	\$12.00	\$300.00	\$75.00	\$1,875.00	\$50.00	\$1,250.00
32	2-1/2- Inch Bituminous Surface Removal (Cold Milling)	Square Yard	1000	\$11.00	\$11,000.00	\$6.40	\$6,400.00	\$13.75	\$13,750.00	\$ 14.00	\$14,000.00
	1-1/2- Inch Bituminous Concrete Surface Course, Hot-Mix Asphalt (Roadway Removal/Replacement)	Square Yard	1305	\$11.00	\$14,355.00	\$11.00	\$14,355.00	\$19.35	\$25,251.75	\$ 10.00	\$13,050.00
34	2-Inch Bituminous Concrete Surface Course, Hot-Mix asphalt (Roadway Removal/Replacement - LCDOT Roadways)	Square Yard	100	\$20.00	\$2,000.00	\$13.30	\$1,330.00	\$47.00	\$4,700.00	\$ 40.00	\$4,000.00
35	1-Inch Leveling Binder (Machine Method), Hot-Mix Asphalt (Roadway	Square Yard	1000	\$7.50	\$7,500.00	\$6.75	\$6,750.00	\$8.80	\$8,800.00	\$ 9.00	\$9,000.00

36	Asphalt Driveway Removal/Replacement, 3- Inch Bituminous Concrete Surface Course, Hot-Mix Asphalt, and 8-inch CA-6 Grade 8	Square Yard	230	\$53.00	\$12,190.00	\$58.50	\$13,455.00	\$63.15	\$14,524.50	\$ 43.00	\$9,890.00
37	Portland Cement Concrete Sidewalk - 5" Thick Removal/Replacement	Square Foot	1000	\$7.50	\$7,500.00	\$7.00	\$7,000.00	\$8.50	\$8,500.00	\$ 10.00	\$10,000.00
38	Portland Cement Concrete Curb and gutter Removal replacement (Match Existing)	Foot	45	\$31.00	\$1,395.00	\$35.00	\$1,575.00	\$115.00	\$5,175.00	\$ 115.00	\$5,175.00
39	Aggregate Shoulder, 8-inch Compacted CA-6, Grade 8, 100% Crushed	Square Yard	211	\$18.00	\$3,798.00	\$19.00	\$4,009.00	\$29.00	\$6,119.00	\$ 5.00	\$1,055.00
	Silt Fence	Foot	945	\$5.00	\$4,725.00	\$3.50	\$3,307.50	\$4.30	\$4,063.50	\$ 4.00	\$3,780.00
_	Storm Inlet Protection	Each	28	\$220.00	\$6,160.00	\$202.00	\$5,656.00	\$155.00	\$4,340.00	\$ 105.00	\$2,940.00
	Triangular Silt Dikes	Each	23	\$100.00	\$2,300.00	\$314.00	\$7,222.00	\$80.00	\$1,840.00	\$ 60.00	\$1,380.00
	Curb Bags	Each	6	\$275.00	\$1,650.00	\$231.00	\$1,386.00	\$150.00	\$900.00	\$ 250.00	\$1,500.00
	Portable Sediment Containment System	Lump Sum	1	\$1,500.00	\$1,500.00	\$4,902.00	\$4,902.00	\$2,600.00	\$2,600.00	\$ 7,500.00	\$7,500.00
_	Earth Saw Cut of Tree Roots	Foot	530	\$15.00	\$7,950.00	\$7.50	\$3,975.00	\$7.00	\$3,710.00	\$ 8.00	\$4,240.00
	Traffic Control Per Specification Section 01000 and as noted on the contract drawing	Lump Sum	1	\$50,000.00	\$50,000.00	\$28,509.00	\$28,509.00	\$16,500.00	\$16,500.00	\$218,000.00	\$218,000.00
47	Dust and Mud Control per Specification Section 01000 and as Directed by the Engineer	Lump Sum	1	\$10,000.00	\$10,000.00	\$12,191.00	\$12,191.00	\$4,250.00	\$4,250.00	\$ 7,500.00	\$7,500.00
48	Landscaping: Sodding, including 4-inch (min.) Topsoil and Watering (see Section 02485, 3.04)	Square Yard	8253	\$10.00	\$82,530.00	\$15.00	\$123,795.00	\$11.50	\$94,909.50	\$ 12.50	\$103,162.50
49	Potholing (Exploratory Digging) to locate Existing Underground Sanitary Sewer and Water Distribution Piping (per Owners Direction)	Each	148	\$200.00	\$29,600.00	\$230.00	\$34,040.00	\$200.00	\$29,600.00	\$ 250.00	\$37,000.00
50	Repair of Existing Watermain Leaks/Breaks not caused by contractor's Negligence	Each	11	\$2,000.00	\$22,000.00	\$2,140.00	\$23,540.00	\$2,700.00	\$29,700.00	\$ 1,700.00	\$18,700.00
51	Pre-Construction Video	Lump Sum	1	\$3,000.00	\$3,000.00	\$0.45	\$0.45	\$2,650.00	\$2,650.00	\$ 250.00	\$250.00
52	Provide 6-Inch Valve with Valve Box (at locations of the relined watermain per Owners Direction)	Each	2	\$1,800.00	\$3,600.00	\$3,855.00	\$7,710.00	\$2,275.00	\$4,550.00	\$ 1,250.00	\$2,500.00
53	Record Drawing Information	Lump Sum	1	\$7,500.00	\$7,500.00	\$13,855.00	\$13,855.00	\$5,500.00	\$5,500.00	\$ 10,500.00	\$10,500.00
54	Existing Storm Sewer to be Relined	Foot	173	\$175.00	\$30,275.00	\$125.00	\$21,625.00	\$150.00	\$25,950.00	\$ 140.00	\$24,220.00
55	Deduct for 1400 Lineal Feet of owner provided 8-Inch PVC Restrained Joint Pipe (to be used at Horizontally Directionally Drilled locations specifying 8-Inch PVC pipe) in lieu of Contractor provided pipe	Lump Sum	1	\$14,000.00	-\$14,000.00	\$13,300.00	-\$13,300.00	\$2,200.00	-\$2,200.00	\$ 12,500.00	-\$12,500.00
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	TOTAL AS SUBMITTED				1,772,866.00		\$1,879,244.50		\$1,974,564.00		\$1,997,509.00