Project Name: M L King Water Main

Project Number: 03-23

Bid Date: TUESDAY, SEPTEMBER 29, 2009

Time: 11:30 A.M.

Fund: WATER NON-LAKE CAPITAL

Organization Code: 81808118
Object Code: 497500

Item Number	Pay Item	QTY	Unit	Engineer's Estimate City Engineering Division Unit Price	Total	Atlas Excavating, Inc. 4740 Swisher Road Building A West Lafayette, IN 47906 Unit Price	Total	Burdick Plumbing & Heating Co., Inc. 728 South Main Street Decatur, IL 62521 Unit Price	Total	Fischer Excavating, Inc. 1567 Heine Road Freeport, IL 61032 Unit Price	Total
1	bond, insurance, mobilization	1	LS	75,000	$75,000.00	$287,000.00	$287,000.00	$86,300.00	$86,300.00	$82,293.06	$82,293.06
2	48" x 30" tee	1	EA	20,000	$20,000.00	$9,000.00	$9,000.00	$25,730.00	$25,730.00	$12,074.01	$12,074.01
3	30" butterfly valve	1	EA	20,000	$20,000.00	$9,000.00	$9,000.00	$11,400.00	$11,400.00	$8,762.25	$8,762.25
4	30" side outlet tee	1	EA	10,000	$10,000.00	$9,000.00	$9,000.00	$13,100.00	$13,100.00	$12,563.64	$12,563.64
5	48" butterfly valve	2	EA	36,000	$72,000.00	$18,000.00	$36,000.00	$30,350.00	$60,700.00	$20,226.58	$40,453.16
6	48" 90° bend	3	EA	25,000	$75,000.00	$18,000.00	$54,000.00	$29,834.00	$89,502.00	$19,182.85	$57,548.55
7	48" pipe with restrained joints	14	LF	600	$8,400.00	$600.00	$8,400.00	$1,953.00	$27,342.00	$362.46	$5,074.44
8	48" x 42" reducer	1	EA	14,000	$14,000.00	$15,000.00	$15,000.00	$15,140.00	$15,140.00	$32,892.87	$32,892.87
9	42" flow meter	1	EA	25,000	$25,000.00	$30,000.00	$30,000.00	$30,700.00	$30,700.00	$28,032.80	$28,032.80
10	42" check valve	1	EA	76,000	$76,000.00	$30,000.00	$30,000.00	$54,100.00	$54,100.00	$63,034.45	$63,034.45
11	42" piping inside concrete vault	1	LS	50,000	$50,000.00	$10,000.00	$10,000.00	$78,030.00	$78,030.00	$25,827.42	$25,827.42
12	concrete flow meter and check valve vault	1	LS	40,000	$40,000.00	$45,000.00	$45,000.00	$44,250.00	$44,250.00	$52,229.25	$52,229.25
13	42" 45° bend	7	EA	16,000	$112,000.00	$9,000.00	$63,000.00	$13,718.00	$96,026.00	$36,537.91	$255,765.37
14	42" x 36" reducer	1	EA	12,000	$12,000.00	$10,000.00	$10,000.00	$10,538.00	$10,538.00	$20,747.21	$20,747.21
15	36" x 36" x 36" tee	1	EA	11,000	$11,000.00	$25,000.00	$25,000.00	$14,192.00	$14,192.00	$35,267.28	$35,267.28
16	36" x 20" reducer	1	EA	8,500	$8,500.00	$4,000.00	$4,000.00	$7,942.00	$7,942.00	$11,621.97	$11,621.97
17	20" tapping sleeve at ML King and Marion	1	EA	8,000	$8,000.00	$10,000.00	$10,000.00	$10,554.00	$10,554.00	$11,581.02	$11,581.02
18	20" gate valve and box with bypass	1	EA	25,000	$25,000.00	$15,000.00	$15,000.00	$25,720.00	$25,720.00	$18,302.65	$18,302.65
19	36" tapping sleeve	1	EA	10,000	$10,000.00	$20,000.00	$20,000.00	$27,200.00	$27,200.00	$17,413.01	$17,413.01
20	36" gate valve and box with bypass	1	EA	70,000	$70,000.00	$40,000.00	$40,000.00	$61,040.00	$61,040.00	$49,381.12	$49,381.12
21	30" gate valve and box with bypass	7	EA	45,000	$315,000.00	$30,000.00	$210,000.00	$32,424.00	$226,968.00	$33,623.32	$235,363.24
22	24" gate valve and box with bypass	1	EA	30,000	$30,000.00	$25,000.00	$25,000.00	$22,180.00	$22,180.00	$27,060.25	$27,060.25
23	16" gate valve and box with bypass	12	EA	12,000	$144,000.00	$4,500.00	$54,000.00	$8,250.00	$99,000.00	$4,803.51	$57,642.12
24	6" gate valve and box	15	EA	1,500	$22,500.00	$1,000.00	$15,000.00	$650.00	$9,750.00	$871.74	$13,076.10
25	hydrant	15	EA	3,000	$45,000.00	$5,000.00	$75,000.00	$2,000.00	$30,000.00	$4,164.49	$62,467.35
26	42" DIP water main with restrained joints	725	LF	450	$326,250.00	$350.00	$253,750.00	$424.00	$307,400.00	$397.64	$288,289.00
27	36" DIP water main with restrained joints	420	LF	375	$157,500.00	$275.00	$115,500.00	$375.00	$157,500.00	$315.59	$132,547.80
28	30" DIP water main	4,417	LF	220	$971,740.00	$160.00	$706,720.00	$179.00	$790,643.00	$229.44	$1,013,436.48
29	30" DIP water main with restrained joints	1,159	LF	290	$336,110.00	$200.00	$231,800.00	$237.00	$274,683.00	$248.54	$288,057.86
30	16" DIP water main	7,614	LF	85	$647,190.00	$65.00	$494,910.00	$109.00	$829,926.00	$134.13	$1,021,265.82
31	16" DIP water main with restrained joints	2,824	LF	120	$338,880.00	$85.00	$240,040.00	$139.00	$392,536.00	$138.60	$391,406.40
32	12" DIP water main	55	LF	50	$2,750.00	$100.00	$5,500.00	$80.00	$4,400.00	$110.89	$6,098.95
33	6" DIP water main with restrained joints	140	LF	30	$4,200.00	$50.00	$7,000.00	$50.00	$7,000.00	$69.93	$9,790.20
34	42" casing pipe with 30" DIP water main, restrained joints	415	LF	1,000	$415,000.00	$825.00	$342,375.00	$1,300.00	$539,500.00	$1,012.22	$420,071.30
35	26" casing pipe with 16" DIP water main, restrained joints	470	LF	450	$211,500.00	$575.00	$270,250.00	$875.00	$411,250.00	$640.28	$300,931.60

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Item Number	Pay Item	QTY	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
36	26" casing open cut with 16" DIP water main, restrained joints	28	LF	300	$8,400.00	$125.00	$3,500.00	$205.00	$5,740.00	$690.91	$19,345.48
37	36" x 30" reducer	1	EA	8,500	$8,500.00	$4,000.00	$4,000.00	$7,496.00	$7,496.00	$15,504.52	$15,504.52
38	36" 45° bend	1	EA	6,500	$6,500.00	$7,000.00	$7,000.00	$9,542.00	$9,542.00	$22,267.30	$22,267.30
39	air release valve and vault	34	EA	5,000	$170,000.00	$4,500.00	$153,000.00	$3,500.00	$119,000.00	$4,128.89	$140,382.26
40	30" x 6" x 30" tee	6	EA	7,500	$45,000.00	$4,000.00	$24,000.00	$6,896.00	$41,376.00	$17,912.55	$107,475.30
41	30" x 12" x 30" tee	1	EA	8,000	$8,000.00	$4,000.00	$4,000.00	$7,700.00	$7,700.00	$36,356.99	$36,356.99
42	30" 45° bend	12	EA	7,500	$90,000.00	$4,000.00	$48,000.00	$7,370.00	$88,440.00	$12,239.88	$146,878.56
43	30" 22.5° bend	4	EA	7,500	$30,000.00	$4,000.00	$16,000.00	$6,900.00	$27,600.00	$11,555.28	$46,221.12
44	30" x 16" x 30" tee	1	EA	8,000	$8,000.00	$3,000.00	$3,000.00	$9,260.00	$9,260.00	$17,128.02	$17,128.02
45	30" x 24" x 16" tee	1	EA	8,500	$8,500.00	$2,500.00	$2,500.00	$11,773.00	$11,773.00	$17,860.02	$17,860.02
46	12" x 6" reducer	1	EA	500	$500.00	$1,000.00	$1,000.00	$405.00	$405.00	$1,007.10	$1,007.10
47	24" plug	1	EA	1,000	$1,000.00	$1,000.00	$1,000.00	$1,200.00	$1,200.00	$1,597.36	$1,597.36
48	16" 45° bend	45	EA	2,000	$90,000.00	$800.00	$36,000.00	$1,600.00	$72,000.00	$2,192.86	$98,678.70
49	16" 90° bend	3	EA	2,000	$6,000.00	$1,000.00	$3,000.00	$1,650.00	$4,950.00	$2,702.04	$8,106.12
50	16" x 6" x 16" tee	9	EA	2,500	$22,500.00	$2,000.00	$18,000.00	$1,700.00	$15,300.00	$3,124.21	$28,117.89
51	connect to existing 16 w/tapping sleeve	1	LS	4,000	$4,000.00	$7,000.00	$7,000.00	$20,550.00	$20,550.00	$13,475.03	$13,475.03
52	connect to 16" on Fairview with tapping sleeve	1	LS	4,000	$4,000.00	$6,000.00	$6,000.00	$20,550.00	$20,550.00	$15,347.97	$15,347.97
53	connect to existing 30" valve at Wabash	1	LS	3,000	$3,000.00	$1,000.00	$1,000.00	$10,000.00	$10,000.00	$11,897.52	$11,897.52
54	connect to existing 6" main on Wabash	1	LS	2,000	$2,000.00	$1,000.00	$1,000.00	$2,000.00	$2,000.00	$6,302.45	$6,302.45
55	connect to existing 30" plug on Grand	1	LS	3,000	$3,000.00	$1,000.00	$1,000.00	$10,000.00	$10,000.00	$3,790.87	$3,790.87
56	connection to pump 5, incl. 30" pipe	1	LS	10,000	$10,000.00	$2,000.00	$2,000.00	$42,100.00	$42,100.00	$39,482.85	$39,482.85
57	connection to exist 48, remove blind flange	1	LS	10,000	$10,000.00	$2,000.00	$2,000.00	$18,900.00	$18,900.00	$3,889.71	$3,889.71
58	connect to existing 36" main at ML King & Clay	1	LS	3,000	$3,000.00	$1,000.00	$1,000.00	$10,000.00	$10,000.00	$37,812.86	$37,812.86
59	cut, cap and abandon 6" on ML King south of Marion	1	LS	4,000	$4,000.00	$1,000.00	$1,000.00	$2,000.00	$2,000.00	$474.91	$474.91
60	cap and abandon existing 6" water main at Wood	1	LS	4,000	$4,000.00	$1,000.00	$1,000.00	$5,000.00	$5,000.00	$474.91	$474.91
61	fiber optic cable and conduit termination at SWTP	1	LS	1,000	$1,000.00	$2,500.00	$2,500.00	$2,600.00	$2,600.00	$2,160.00	$2,160.00
62	fiber optic cable and conduit termination at Civic Center	1	LS	1,000	$1,000.00	$2,500.00	$2,500.00	$2,600.00	$2,600.00	$2,160.00	$2,160.00
63	Quartzite type pull box	3	EA	500	$1,500.00	$2,500.00	$7,500.00	$870.00	$2,610.00	$725.76	$2,177.28
64	concrete type pull box	29	EA	1,800	$52,200.00	$2,500.00	$72,500.00	$2,086.00	$60,494.00	$1,738.80	$50,425.20
65	2" HDPE Sch80 of SDR11 conduit directional bored	6,000	LF	8	$48,000.00	$11.00	$66,000.00	$11.00	$66,000.00	$9.26	$55,560.00
66	2" HDPE Sch80 of SDR11 conduit installed with water main	11,650	LF	10	$116,500.00	$4.00	$46,600.00	$3.50	$40,775.00	$2.84	$33,086.00
67	fiber optic cable installed in conduit pipe	7,900	LF	9	$71,100.00	$4.00	$31,600.00	$2.80	$22,120.00	$2.35	$18,565.00
68	seeding, fertilizing, mulch	1	LS	10,000	$10,000.00	$25,000.00	$25,000.00	$12,000.00	$12,000.00	$42,352.41	$42,352.41
69	inlet protection	20	EA	250	$5,000.00	$100.00	$2,000.00	$200.00	$4,000.00	$150.00	$3,000.00
70	flowable fill at SWTP, LS	1	LS	9,000	$9,000.00	$2,500.00	$2,500.00	$100,000.00	$100,000.00	$35,536.39	$35,536.39

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71	remove and replace lighting, flagpoles, etc at SWTP, LS	1	LS	9,000	$9,000.00	$2,000.00	$2,000.00	$10,000.00	$10,000.00	$5,335.20	$5,335.20
72	remove & replace aggregate base or surface course, Ty A, 8", SY	3,600	SY	14	$50,400.00	$8.00	$28,800.00	$12.00	$43,200.00	$10.91	$39,276.00
73	remove & replace PCC pavement, 9", SQ YD	4,200	SY	70	$294,000.00	$50.00	$210,000.00	$68.00	$285,600.00	$67.14	$281,988.00
74	remove & replace PCC pavement 11" , SQ YD	10,320	SY	80	$825,600.00	$52.00	$536,640.00	$71.00	$732,720.00	$72.43	$747,477.60
75	bituminous material primer, GAL	3,000	GAL	6	$18,000.00	$5.00	$15,000.00	$6.60	$19,800.00	$6.50	$19,500.00
76	Hot mix asphalt surface course Mix C, N50, TN	2,380	TON	120	$285,600.00	$99.00	$235,620.00	$124.00	$295,120.00	$99.00	$235,620.00
77	remove & replace PCC Drive, 6", SQ YD	70	SY	70	$4,900.00	$48.00	$3,360.00	$57.00	$3,990.00	$115.59	$8,091.30
78	remove & replace PCC sidewalk, 4", SQ FT	2,575	SF	8	$20,600.00	$5.75	$14,806.25	$8.00	$20,600.00	$10.72	$27,604.00
79	remove & replace concrete median surface, 4", SQ FT	205	SF	8	$1,640.00	$5.50	$1,127.50	$8.00	$1,640.00	$16.62	$3,407.10
80	remove & replace curb & gutter, 6" barrier, FT	1,645	LF	30	$49,350.00	$45.00	$74,025.00	$49.00	$80,605.00	$27.16	$44,678.20
81	remove & replace curb & gutter, 9" barrier, FT	40	LF	35	$1,400.00	$56.00	$2,240.00	$67.00	$2,680.00	$42.48	$1,699.20
82	remove & replace curb & gutter, B-6.12, FT	920	LF	35	$32,200.00	$40.00	$36,800.00	$42.00	$38,640.00	$26.94	$24,784.80
83	remove & replace curb & gutter, B-6.18, FT	20	LF	40	$800.00	$50.00	$1,000.00	$59.00	$1,180.00	$67.29	$1,345.80
84	8" DIP sewer w/C-905 DR-18 casing pipe	95	LF	200	$19,000.00	$100.00	$9,500.00	$100.00	$9,500.00	$182.95	$17,380.25
85	sanitary sewer replacement, C-900, DR-18, 8" FT	22	LF	70	$1,540.00	$75.00	$1,650.00	$42.00	$924.00	$179.10	$3,940.20
86	sanitary sewer replacement, C-900, DR-18, 10" FT	22	LF	80	$1,760.00	$75.00	$1,650.00	$45.00	$990.00	$187.39	$4,122.58
87	sanitary sewer replacement, C-900, DR-18, 12" FT	44	LF	90	$3,960.00	$75.00	$3,300.00	$45.00	$1,980.00	$166.55	$7,328.20
88	storm sewer replacement, C-900 DR-18, 4" FT	40	LF	40	$1,600.00	$75.00	$3,000.00	$28.00	$1,120.00	$141.27	$5,650.80
89	storm sewer replacement, C-900 DR-18, 6" FT	57	LF	50	$2,850.00	$75.00	$4,275.00	$32.00	$1,824.00	$144.39	$8,230.23
90	storm sewer replacement, C-900 DR-18, 8" FT	83	LF	60	$4,980.00	$60.00	$4,980.00	$36.00	$2,988.00	$148.66	$12,338.78
91	storm sewer replacement, C-900 DR-18, 10" FT	220	LF	80	$17,600.00	$60.00	$13,200.00	$38.00	$8,360.00	$155.52	$34,214.40
92	storm sewer replacement, C-900 DR-18, 12" FT	661	LF	90	$59,490.00	$65.00	$42,965.00	$39.00	$25,779.00	$184.31	$121,828.91
93	storm sewer replacement, C-905 DR-18, 18" FT	22	LF	100	$2,200.00	$75.00	$1,650.00	$160.00	$3,520.00	$229.24	$5,043.28
94	water main lowering, 6" LS	1	LS	25,000	$25,000.00	$4,000.00	$4,000.00	$8,000.00	$8,000.00	$5,354.65	$5,354.65
95	trench backfill, CU YD	19,620	CY	40	$784,800.00	$0.10	$1,962.00	$25.00	$490,500.00	$27.68	$543,081.60
96	Manhole A-1C, 4' dia, EA	1	EA	3,500	$3,500.00	$5,000.00	$5,000.00	$4,000.00	$4,000.00	$2,258.99	$2,258.99
97	traffic control and protection	1	LS	25,000	$25,000.00	$45,000.00	$45,000.00	$98,600.00	$98,600.00	$125,496.62	$125,496.62
98	erosion control	1	LS	10,000	$10,000.00	$15,000.00	$15,000.00	$3,000.00	$3,000.00	$10,000.00	$10,000.00
99	electrical work at the SWTP, LS	1	LS	10,000	$10,000.00	$10,144.00	$10,144.00	$6,100.00	$6,100.00	$5,071.68	$5,071.68
100	remove and replace traffic signal loops ML King & Wood St	1	LS	2,500	$2,500.00	$10,000.00	$10,000.00	$2,890.00	$2,890.00	$4,136.40	$4,136.40
101	remove and replace traffic signal loops ML King & Prairie St	1	LS	2,500	$2,500.00	$5,000.00	$5,000.00	$4,640.00	$4,640.00	$5,322.24	$5,322.24
102	remove and replace traffic signal loops ML King & Eldorado St	1	LS	2,500	$2,500.00	$4,000.00	$4,000.00	$2,890.00	$2,890.00	$4,136.40	$4,136.40
103	remove and replace traffic signal loops ML King & Grand Ave.	1	LS	2,500	$2,500.00	$5,000.00	$5,000.00	$3,780.00	$3,780.00	$4,663.44	$4,663.44
104	remove and replace traffic signal loops ML King & Garfield Ave.	1	LS	2,500	$2,500.00	$5,500.00	$5,500.00	$5,625.00	$5,625.00	$5,441.04	$5,441.04
105	42" x 6" x 42" tee	1	EA	15,000	$15,000.00	$18,000.00	$18,000.00	$17,000.00	$17,000.00	$21,509.86	$21,509.86

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	TOTAL BIDS (AS CORRECTED)				$8,168,990.00		$5,758,139.75		$8,008,108.00		$8,590,625.85
	Percent Over Under ENGINEER'S ESTIMATE						-29.51%		-1.97%		5.16%

Matthew C. Newell, P.E., City Engineer

Date