

March 28, 2007

Philip Ciesielski
Utilities Engineer
720 W. 3rd Street
Lawrence, KS 66044

Re: 2007 Downtown Waterline Improvements
City Project No. 1WL-407
City Bid No. B07020
06-281L

Dear Philip:

The bid letting for the 2007 Downtown Waterline Improvements was conducted March 27, 2007. Two (2) bids were received ranging from \$1,928,977.60 to \$1,943,231.95. The engineer's estimate was \$2,096,000.20. Nowak Construction submitted the low bid in the amount of \$1,928,977.60.

Nowak Construction was the contractor for the 2005 Downtown Waterline Improvements project and the 2006 Downtown Waterline Improvements project. Nowak Construction is an experienced waterline contractor and has recent experience successfully working in Downtown Lawrence, KS. Their references also include work in Downtown Wichita, KS. We feel they are qualified to complete this work.

We recommend award of the contract to Nowak Construction in the base bid amount of \$1,928,977.60. Please find attached the bid tabulations for this project. If you have any questions or need additional information, please call.

Sincerely,

BG CONSULTANTS, INC.



Brian P. Kingsley, P.E.
Project Manager

Attachment

BPK/bb



Also

Emporia, Ks. • Manhattan, Ks. • Hutchinson, Ks.

2007 Downtown Waterline Improvements

City of Lawrence, Kansas

City Project No. 1WL-407

Bid Tabulations: 3/27/07

06-281L

Item	Description	Qty	Unit	Engineer's Estimate		Nowak Construction		Emcon Construction	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1.	12" Ductile Iron Waterline (Class 52)(In Place)	225	L.F.	\$ 245.00	\$ 55,125.00	\$ 242.00	\$ 54,450.00	\$ 206.00	\$ 46,350.00
2.	8" Ductile Iron Waterline (Class 52)(In Place)	2,794	L.F.	\$ 193.00	\$ 539,242.00	\$ 172.00	\$ 480,568.00	\$ 154.00	\$ 430,276.00
3.	6" Ductile Iron Waterline (Class 52)(In Place)	168	L.F.	\$ 193.00	\$ 32,424.00	\$ 225.00	\$ 37,800.00	\$ 147.00	\$ 24,696.00
4.	4" Ductile Iron Waterline (Class 52)(In Place)	78	L.F.	\$ 193.00	\$ 15,054.00	\$ 209.00	\$ 16,302.00	\$ 132.00	\$ 10,296.00
5.	Unceased Bore (Auger Bore Only)	139	L.F.	\$ 275.00	\$ 38,225.00	\$ 259.00	\$ 36,001.00	\$ 175.00	\$ 24,325.00
6.	Trench Plug	12	Each	\$ 440.00	\$ 5,280.00	\$ 675.00	\$ 8,100.00	\$ 612.00	\$ 7,344.00
7.	12" Tapping Valve	2	Each	\$ 5,500.00	\$ 11,000.00	\$ 5,000.00	\$ 10,000.00	\$ 5,860.00	\$ 11,720.00
8.	8" Tapping Valve	1	Each	\$ 3,850.00	\$ 3,850.00	\$ 3,700.00	\$ 3,700.00	\$ 4,620.00	\$ 4,620.00
9.	12" M.J. Gate Valve	4	Each	\$ 3,713.00	\$ 14,852.00	\$ 3,700.00	\$ 14,800.00	\$ 1,780.00	\$ 7,120.00
10.	8" M.J. Gate Valve	16	Each	\$ 1,458.00	\$ 23,328.00	\$ 1,650.00	\$ 26,400.00	\$ 1,220.00	\$ 19,520.00
11.	6" M.J. Gate Valve	5	Each	\$ 1,271.00	\$ 6,355.00	\$ 1,275.00	\$ 6,375.00	\$ 848.00	\$ 4,240.00
12.	4" M.J. Gate Valve	7	Each	\$ 990.00	\$ 6,930.00	\$ 1,125.00	\$ 7,875.00	\$ 434.00	\$ 3,038.00
13.	Sid. Fire Hydrant Setting	12	Each	\$ 5,665.00	\$ 67,980.00	\$ 5,395.00	\$ 64,740.00	\$ 3,050.00	\$ 36,600.00
14.	Remove Existing Fire Hydrant	5	Each	\$ 759.00	\$ 3,795.00	\$ 475.00	\$ 2,375.00	\$ 227.00	\$ 1,135.00
15.	Connect to Existing Waterline	10	Each	\$ 4,400.00	\$ 44,000.00	\$ 4,425.00	\$ 44,250.00	\$ 2,330.00	\$ 23,300.00
16.	Disconnect Existing Waterline	4	Each	\$ 1,386.00	\$ 5,544.00	\$ 3,425.00	\$ 13,700.00	\$ 1,040.00	\$ 4,160.00
17.	Connect to Existing Fireline	10	Each	\$ 2,668.00	\$ 26,680.00	\$ 2,400.00	\$ 24,000.00	\$ 2,080.00	\$ 20,800.00
18.	3/4" Short Service Line	28	Each	\$ 1,045.00	\$ 29,260.00	\$ 1,075.00	\$ 30,100.00	\$ 654.00	\$ 18,312.00
19.	1" Short Service Line	27	Each	\$ 1,072.00	\$ 28,944.00	\$ 1,325.00	\$ 35,775.00	\$ 874.00	\$ 23,598.00
20.	1" Long Service Line	7	Each	\$ 2,145.00	\$ 15,015.00	\$ 2,200.00	\$ 15,400.00	\$ 1,830.00	\$ 12,810.00
21.	1 1/4" Short Service Line	1	Each	\$ 1,238.00	\$ 1,238.00	\$ 1,600.00	\$ 1,600.00	\$ 1,500.00	\$ 1,500.00
22.	1 1/2" Short Service Line	6	Each	\$ 1,403.00	\$ 8,418.00	\$ 1,400.00	\$ 8,400.00	\$ 1,550.00	\$ 9,300.00
23.	2" Short Service Line	3	Each	\$ 1,678.00	\$ 5,034.00	\$ 1,725.00	\$ 5,175.00	\$ 2,500.00	\$ 7,500.00
24.	2" Long Service Line	1	Each	\$ 2,750.00	\$ 2,750.00	\$ 3,400.00	\$ 3,400.00	\$ 3,400.00	\$ 3,400.00
25.	3/4" Curb Stop Valve with Valve Box & Lid	4	Each	\$ 605.00	\$ 2,420.00	\$ 725.00	\$ 2,900.00	\$ 975.00	\$ 3,900.00
26.	1" Curb Stop Valve with Valve Box & Lid	3	Each	\$ 770.00	\$ 2,310.00	\$ 800.00	\$ 2,400.00	\$ 1,000.00	\$ 3,000.00
27.	1 1/2" Curb Stop Valve with Valve Box & Lid	3	Each	\$ 935.00	\$ 2,805.00	\$ 925.00	\$ 2,775.00	\$ 1,300.00	\$ 3,900.00
28.	2" Curb Stop Valve with Valve Box & Lid	1	Each	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ 1,360.00	\$ 1,360.00
29.	Connect to Existing Water Service	64	Each	\$ 467.50	\$ 29,920.00	\$ 500.00	\$ 32,000.00	\$ 200.00	\$ 12,800.00
30.	Relocate Existing Meter Pit	10	Each	\$ 715.00	\$ 7,150.00	\$ 1,150.00	\$ 11,500.00	\$ 1,360.00	\$ 13,600.00
31.	New Meter Tile	12	Each	\$ 209.00	\$ 2,508.00	\$ 325.00	\$ 3,900.00	\$ 280.00	\$ 3,360.00
32.	New Meter Setter	12	Each	\$ 176.00	\$ 2,112.00	\$ 300.00	\$ 3,600.00	\$ 600.00	\$ 7,200.00
33.	New Ring/Lid	14	Each	\$ 154.00	\$ 2,156.00	\$ 250.00	\$ 3,500.00	\$ 225.00	\$ 3,150.00
34.	No. 2 Total Eclipse Hydrant (1" inlet/1" outlet)	12	Each	\$ 1,650.00	\$ 19,800.00	\$ 1,275.00	\$ 15,300.00	\$ 1,800.00	\$ 21,600.00
35.	Remove and Replace Asphalt Surfacing	1,441.6	S.Y.	\$ 99.00	\$ 142,718.40	\$ 115.00	\$ 165,784.00	\$ 137.00	\$ 197,499.20
36.	Remove and Replace Concrete Pavement (6" min.)(Reinf)(A.E.)	123.8	S.Y.	\$ 88.00	\$ 10,894.40	\$ 204.00	\$ 25,255.20	\$ 82.00	\$ 10,151.60
37.	Remove and Replace Concrete Sidewalk (A.E.)(4" min.)	58.5	S.Y.	\$ 55.00	\$ 3,217.50	\$ 192.00	\$ 11,232.00	\$ 153.00	\$ 8,950.50
38.	Remove and Replace Brick Sidewalk	322.5	S.F.	\$ 58.00	\$ 18,705.00	\$ 91.00	\$ 29,347.50	\$ 47.50	\$ 15,318.75
39.	Remove and Replace Curb and Gutter (A.E.)	156	L.F.	\$ 42.00	\$ 6,552.00	\$ 41.00	\$ 6,396.00	\$ 119.00	\$ 18,564.00
40.	Construction Staking	1	L.S.	\$ 6,600.00	\$ 6,600.00	\$ 2,500.00	\$ 2,500.00	\$ 6,940.00	\$ 6,940.00
41.	Seeding, Fertilizing and Mulching	1	L.S.	\$ 890.00	\$ 890.00	\$ 3,500.00	\$ 3,500.00	\$ 900.00	\$ 900.00
42.	Mobilization	1	L.S.	\$ 30,250.00	\$ 30,250.00	\$ 50,350.00	\$ 50,350.00	\$ 17,700.00	\$ 17,700.00
43.	Traffic Control	1	L.S.	\$ 60,500.00	\$ 60,500.00	\$ 47,000.00	\$ 47,000.00	\$ 251.00	\$ 251.00
44.	Pedestrian Traffic Control	1	L.S.	\$ 22,000.00	\$ 22,000.00	\$ 20,350.00	\$ 20,350.00	\$ 5,400.00	\$ 5,400.00
45.	Storm Water Pollution Prevention	1	L.S.	\$ 16,500.00	\$ 16,500.00	\$ 13,575.00	\$ 13,575.00	\$ 4,400.00	\$ 4,400.00
	SUBTOTAL				\$ 1,381,431.30		\$ 1,405,550.70		\$ 1,140,754.05
46.	Unclassified Excavation	165	C.Y.	\$ 29.00	\$ 4,785.00	\$ 25.00	\$ 4,125.00	\$ 70.00	\$ 11,550.00
47.	6" Combined Material (AB-3)	329.1	S.Y.	\$ 31.00	\$ 10,202.10	\$ 25.00	\$ 8,227.50	\$ 95.00	\$ 31,264.50
48.	Concrete (Grade 4 D)(Reinf)(A.E.)	81.4	C.Y.	\$ 165.00	\$ 13,431.00	\$ 191.00	\$ 15,547.40	\$ 518.00	\$ 42,165.20
49.	5" Stamped, Colored Concrete (Reinf)(A.E.)	203.8	S.Y.	\$ 176.00	\$ 35,868.80	\$ 145.00	\$ 29,551.00	\$ 114.00	\$ 23,233.20
50.	Remove and Replace Access Ramp	30	Each	\$ 2,365.00	\$ 70,950.00	\$ 2,025.00	\$ 60,750.00	\$ 1,630.00	\$ 48,900.00
51.	Remove and Replace Curb and Gutter (A.E.)	346	L.F.	\$ 42.00	\$ 14,532.00	\$ 56.00	\$ 19,376.00	\$ 52.50	\$ 18,165.00
	SUBTOTAL				\$ 149,768.90		\$ 137,576.90		\$ 175,277.90
52.	Electrical Service Upgrade (9th to 10th)	1	L.S.	\$ 78,100.00	\$ 78,100.00	\$ 51,700.00	\$ 51,700.00	\$ 193,600.00	\$ 193,600.00
53.	Electrical Service Upgrade (10th to North Park Street)	1	L.S.	\$ 47,300.00	\$ 47,300.00	\$ 102,525.00	\$ 102,525.00	\$ 193,600.00	\$ 193,600.00
54.	Planter Bed Receptacle Installation (9th to 10th)	1	L.S.	\$ 207,900.00	\$ 207,900.00	\$ 73,800.00	\$ 73,800.00	\$ 98,500.00	\$ 98,500.00
55.	Planter Bed Receptacle Installation (10th to North Park Street)	1	L.S.	\$ 209,000.00	\$ 209,000.00	\$ 124,200.00	\$ 124,200.00	\$ 98,500.00	\$ 98,500.00
	SUBTOTAL				\$ 542,300.00		\$ 352,225.00		\$ 584,200.00
56.	Traffic Signal Infrastructure Improvements - 10th & Mass.	1	L.S.	\$ 10,500.00	\$ 10,500.00	\$ 16,400.00	\$ 16,400.00	\$ 23,000.00	\$ 23,000.00
57.	Traffic Signal Infrastructure Improvements - 11th & Mass.	1	L.S.	\$ 12,000.00	\$ 12,000.00	\$ 17,225.00	\$ 17,225.00	\$ 20,000.00	\$ 20,000.00
	SUBTOTAL				\$ 22,500.00		\$ 33,625.00		\$ 43,000.00
	GRAND TOTAL				\$ 2,096,000.20		\$ 1,928,977.60		\$ 1,943,231.95