

December 2, 2009

Philip Ciesielski
Assistant Director of Utilities
PO Box 708
Lawrence, KS 66044

Re: 2009 Lawrence Waterline Improvements
Review of Bids and Construction Contract Award Recommendation
09-1160L

Dear Philip:

The bid letting for the 2009 Lawrence Waterline Improvements project was conducted December 1, 2009. Six (6) bids were received, opened and read aloud to the public. The bids ranged from a low of \$840,665.00 to a high of \$1,402,542.00. The engineer's estimate was \$974,430.00. RD Johnson Excavating, Inc. of Lawrence, KS submitted the low bid. Bid tabs from the letting are attached to this letter.

Based upon review of the qualifications submitted to us by RD Johnson Excavating, Inc. and our prior direct experience with RD Johnson Excavating, Inc., we believe they have the experience and qualifications to construct the 2009 Lawrence Waterline Improvements.

The bid submitted by RD Johnson appears to be balanced and responsible. Based upon bid tabulations from prior projects we provided an engineer's estimate reflective of average prices seen in the construction industry. In the current economic climate we are consistently seeing low bids on utility work 20% to 40% below average. RD Johnson's bid is approximately 20% below the average bid submitted and consistent with the bid results we anticipated for this project.

We recommend awarding the construction contract to RD Johnson Excavating, Inc. in the base bid amount of \$840,665.00 and authorizing construction. If you have any questions, please call.

Sincerely,

BG CONSULTANTS, INC.



Brian Kingsley, P.E.
Principal

Attachments



Also

Manhattan, KS. • Hutchinson, KS • Emporia, KS

BID TABULATIONS
2009 Lawrence Waterline Improvements
Lawrence, Kansas
Bid Letting December 1, 2009
09-1160L

				Engineer's Estimate	R.D. Johnson Excavating, Co.	Nowak Construction Co., Inc.	EMCON, Inc.	Redford Construction	Rose-Lan Contractors, Inc.	Emerson Construction, Inc.
Item #	Description	Quantity	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
Base Bid										
1.	Mobilization	1	L.S.	\$ 50,000.00	\$ 20,000.00	\$ 16,125.00	\$ 19,300.00	\$ 30,000.00	\$ 10,481.17	\$ 78,758.00
2.	Removal of Existing Structures	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 5,050.00	\$ 1,870.00	\$ 2,000.00	\$ 5,505.32	\$ 6,165.00
3.	Contractor Construction Staking	1	L.S.	\$ 12,500.00	\$ 5,000.00	\$ 3,125.00	\$ 10,900.00	\$ 8,000.00	\$ 1,939.60	\$ 4,211.00
4.	Traffic Control	1	L.S.	\$ 30,000.00	\$ 20,000.00	\$ 17,525.00	\$ 20,500.00	\$ 25,000.00	\$ 13,334.76	\$ 18,447.00
5.	Seeding, Fertilizing and Mulching	1	L.S.	\$ 10,000.00	\$ 5,000.00	\$ 20,175.00	\$ 2,200.00	\$ 5,000.00	\$ 2,272.97	\$ 3,158.00
6.	Temporary Erosion Control	1	L.S.	\$ 5,000.00	\$ 7,500.00	\$ 2,525.00	\$ 3,150.00	\$ 5,000.00	\$ 909.19	\$ 2,632.00
7.	12" DIP Waterline (In Place)	3,413	L.F.	\$ 60.00	\$ 45.00	\$ 74.00	\$ 57.00	\$ 86.00	\$ 68.58	\$ 98.00
8.	8" DIP Waterline (In Place)	225	L.F.	\$ 50.00	\$ 35.00	\$ 58.00	\$ 55.00	\$ 86.00	\$ 86.68	\$ 96.00
9.	8" PVC Waterline (Restrained Joint C900)(Directional Bore)	1,954	L.F.	\$ 55.00	\$ 60.00	\$ 53.00	\$ 47.50	\$ 80.00	\$ 78.20	\$ 82.00
10.	6" DIP Waterline (In Place)	49	L.F.	\$ 75.00	\$ 35.00	\$ 50.00	\$ 45.00	\$ 110.00	\$ 45.06	\$ 104.00
11.	4" DIP Waterline (In Place)	14	L.F.	\$ 75.00	\$ 30.00	\$ 43.00	\$ 44.00	\$ 100.00	\$ 37.75	\$ 65.00
12.	20" Steel Casing (Auger Bored)	77	L.F.	\$ 200.00	\$ 250.00	\$ 286.00	\$ 224.00	\$ 280.00	\$ 370.06	\$ 368.00
13.	20" Steel Casing (In Place)	47	L.F.	\$ 175.00	\$ 80.00	\$ 75.00	\$ 66.00	\$ 100.00	\$ 175.22	\$ 312.00
14.	16" Steel Casing (Auger Bored)	233	L.F.	\$ 175.00	\$ 250.00	\$ 225.00	\$ 204.00	\$ 260.00	\$ 300.57	\$ 419.00
15.	Flowable Fill	781	C.Y.	\$ 65.00	\$ 65.00	\$ 60.00	\$ 105.00	\$ 80.00	\$ 68.97	\$ 100.00
16.	Uncased Bore (Auger Bore)	581	L.F.	\$ 90.00	\$ 85.00	\$ 66.00	\$ 137.00	\$ 80.00	\$ 135.66	\$ 124.00
17.	12" M.J. Gate Valve	13	Each	\$ 1,750.00	\$ 1,650.00	\$ 2,050.00	\$ 1,450.00	\$ 1,500.00	\$ 2,149.63	\$ 1,897.00
18.	8" M.J. Gate Valve	15	Each	\$ 900.00	\$ 940.00	\$ 1,150.00	\$ 898.00	\$ 900.00	\$ 1,490.17	\$ 1,184.00
19.	12" Tapping Valve	3	Each	\$ 4,000.00	\$ 2,800.00	\$ 4,000.00	\$ 5,000.00	\$ 4,500.00	\$ 3,670.11	\$ 7,850.00
20.	10" Tapping Valve	1	Each	\$ 3,000.00	\$ 2,700.00	\$ 3,300.00	\$ 4,900.00	\$ 3,500.00	\$ 3,008.23	\$ 6,306.00
21.	8" Tapping Valve	2	Each	\$ 1,750.00	\$ 1,900.00	\$ 2,300.00	\$ 3,000.00	\$ 2,500.00	\$ 2,490.58	\$ 4,373.00
22.	6" Tapping Valve	3	Each	\$ 1,500.00	\$ 1,600.00	\$ 1,875.00	\$ 2,950.00	\$ 2,000.00	\$ 2,196.01	\$ 3,251.00
23.	4" Tapping Valve	2	Each	\$ 1,500.00	\$ 1,200.00	\$ 1,625.00	\$ 2,320.00	\$ 1,800.00	\$ 1,999.62	\$ 2,644.00
24.	Fire Hydrant Assembly	15	Each	\$ 3,000.00	\$ 2,600.00	\$ 2,450.00	\$ 2,600.00	\$ 3,200.00	\$ 3,659.20	\$ 3,234.00
25.	Remove Existing Fire Hydrant	7	Each	\$ 1,000.00	\$ 500.00	\$ 225.00	\$ 150.00	\$ 500.00	\$ 761.61	\$ 308.00
26.	Connect to Existing Waterline	14	Each	\$ 1,500.00	\$ 1,300.00	\$ 1,050.00	\$ 2,000.00	\$ 1,000.00	\$ 4,898.79	\$ 3,239.00
27.	Disconnect Existing Waterline	12	Each	\$ 750.00	\$ 500.00	\$ 275.00	\$ 200.00	\$ 300.00	\$ 2,199.89	\$ 2,466.00
28.	3/4" Short Service	34	Each	\$ 400.00	\$ 300.00	\$ 500.00	\$ 400.00	\$ 600.00	\$ 946.24	\$ 884.00
29.	3/4" Long Service	7	Each	\$ 800.00	\$ 450.00	\$ 1,075.00	\$ 953.00	\$ 1,000.00	\$ 1,695.13	\$ 2,283.00
30.	1" Short Service	11	Each	\$ 750.00	\$ 500.00	\$ 1,025.00	\$ 500.00	\$ 1,000.00	\$ 902.97	\$ 1,090.00
31.	1 1/2" Short Service	1	Each	\$ 1,000.00	\$ 650.00	\$ 1,125.00	\$ 1,000.00	\$ 2,700.00	\$ 1,082.72	\$ 3,161.00
32.	2" Short Service	2	Each	\$ 1,250.00	\$ 650.00	\$ 1,675.00	\$ 3,000.00	\$ 2,800.00	\$ 1,497.00	\$ 2,257.00
33.	Connect to Existing Water Service	55	Each	\$ 150.00	\$ 350.00	\$ 150.00	\$ 125.00	\$ 150.00	\$ 371.86	\$ 262.00
34.	Relocate Water Meter Pit	6	Each	\$ 400.00	\$ 750.00	\$ 575.00	\$ 375.00	\$ 500.00	\$ 706.95	\$ 493.00
35.	Remove and Replace Asphalt Surfacing	634	S.Y.	\$ 95.00	\$ 80.00	\$ 66.00	\$ 110.00	\$ 75.00	\$ 84.83	\$ 96.00
36.	Remove and Replace Concrete Pavement	215	S.Y.	\$ 80.00	\$ 55.00	\$ 54.00	\$ 65.00	\$ 55.00	\$ 73.42	\$ 71.00
37.	Remove and Replace w/Concrete Valley Gutter	114	S.Y.	\$ 120.00	\$ 60.00	\$ 60.75	\$ 80.00	\$ 70.00	\$ 90.69	\$ 99.00
38.	Remove and Replace Concrete Curb and Gutter	1,149	L.F.	\$ 30.00	\$ 23.00	\$ 17.30	\$ 29.00	\$ 16.00	\$ 23.20	\$ 24.00
39.	Remove and Replace Concrete Sidewalk	41	S.Y.	\$ 50.00	\$ 30.00	\$ 37.60	\$ 88.50	\$ 35.00	\$ 54.82	\$ 46.00
40.	Remove and Replace Access Ramp	1	Each	\$ 1,200.00	\$ 1,000.00	\$ 750.00	\$ 1,710.00	\$ 1,700.00	\$ 2,960.82	\$ 2,625.00
41.	Remove and Replace Gravel Sidewalk	591	S.Y.	\$ 25.00	\$ 20.00	\$ 11.50	\$ 14.00	\$ 6.00	\$ 5.98	\$ 12.00
42.	Storm Water Pollution Prevention	1	L.S.	\$ 40.00	\$ 7,500.00	\$ 6,550.00	\$ 1,500.00	\$ 1,500.00	\$ 824.33	\$ 4,623.00
43.	Unclassified Excavation	103	C.Y.	\$ 10.00	\$ 30.00	\$ 1.00	\$ 25.50	\$ 90.00	\$ 15.90	\$ 127.00
44.	Aggregate Base (AB-3)(6")	254	S.Y.	\$ 80.00	\$ 20.00	\$ 15.50	\$ 14.00	\$ 10.00	\$ 6.87	\$ 33.00
45.	Concrete Pavement (8" Uniform)(AE)	196	S.Y.	\$ 25.00	\$ 63.00	\$ 57.40	\$ 51.00	\$ 50.00	\$ 54.59	\$ 63.00
46.	Concrete Curb and Gutter (KDOT Type)	160	L.F.	\$ 25.00	\$ 15.00	\$ 12.25	\$ 21.00	\$ 21.00	\$ 22.43	\$ 27.00
47.	Pavement Marking (CP)(White)(24")	13	L.F.	\$ 35.00	\$ 30.00	\$ 30.00	\$ 34.00	\$ 35.00	\$ 42.43	\$ 32.00
48.	Pavement Marking (CP)(White)(36")	30	L.F.	\$ 35.00	\$ 45.00	\$ 50.00	\$ 57.00	\$ 55.00	\$ 58.19	\$ 53.00
Construction Total =				\$ 974,430.00	\$ 840,665.00	\$ 895,939.70	\$ 936,971.00	\$ 1,059,423.00	\$ 1,136,921.13	\$ 1,402,542.00