

April 25, 2012

**\* by email only \***

John Shutak, P.E.  
Utilities Engineer  
PO Box 708  
Lawrence, KS 66044

Re: Wimbledon Drive Water Main Replacement  
Review of Bids and Construction Contract Award Recommendation  
UT1104DS

Dear Mr. Shutak,

The bid letting for the Wimbledon Drive Water Main Replacement project was conducted on April 17, 2012. Four (4) bids were received, opened and read aloud to the public. The bids ranged from a low of \$411,985.35 to a high of \$721,552.00. The engineer's estimate was \$758,445.00. Westland Construction, Inc. of Basehor, KS submitted the low bid. Bid tabs from the letting are attached to this letter.

Westland Construction, Inc. submitted project experience and references for 8 waterline and utilities projects which they have successfully constructed in the recent past. We contacted the owners of several of the referenced projects to verify their past performance. Westland Construction's experience includes numerous horizontal directional drill projects and several trenchless installations of waterlines using a pipe reaming process followed by installation of Fusible PVC waterline of various sizes ranging from 2" to 8" diameter pipe. The pipe reaming projects included provisions for a temporary waterline to maintain water service to customers during construction.

Based upon review of the qualifications submitted by Westland Construction, Inc. and the comments we received from the owners of other past waterline projects constructed by Westland Construction, Inc., we believe they have the experience and qualifications to construct the Wimbledon Drive Water Main Replacement project. We recommend awarding the construction contract to Westland Construction, Inc. in the amount of \$411,985.35 and authorizing construction. If you have any questions, please call.

Sincerely,

BG CONSULTANTS, INC.



Jason Hoskinson, P.E., PTOE  
Principal

Attachments



Also

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

**BID TABULATIONS**  
**Wimbledon Drive Water Main Replacement**  
**City of Lawrence, Kansas**  
**Bid Letting April 17, 2012**  
**11-1328L**

Item # Base Bid	Description	Quantity	Unit	Engineer's Estimate		Westland Construction		Redford Construction		Wiedermann & Godfrey Construction		Nowak Construction	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1.	Mobilization	1	Lump Sum	\$ 60,000.00	\$ 60,000.00	\$ 17,430.00	\$ 17,430.00	\$ 35,000.00	\$ 35,000.00	\$ 48,000.00	\$ 48,000.00	\$ 34,000.00	\$ 34,000.00
2.	Contractor Construction Staking	1	Lump Sum	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 3,400.00	\$ 3,400.00	\$ 2,805.00	\$ 2,805.00
3.	Traffic Control	1	Lump Sum	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,200.00	\$ 3,200.00	\$ 8,500.00	\$ 8,500.00
4.	Clearing and Grubbing	1	Lump Sum	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 522.00	\$ 522.00	\$ 6,000.00	\$ 6,000.00
5.	Seeding, Fertilizing and Mulching	1	Lump Sum	\$ 5,000.00	\$ 5,000.00	\$ 9,000.00	\$ 9,000.00	\$ 2,500.00	\$ 2,500.00	\$ 4,700.00	\$ 4,700.00	\$ 18,950.00	\$ 18,950.00
6.	Temporary Water Main	1	Lump Sum	\$ 100,000.00	\$ 100,000.00	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00	\$ 36,000.00	\$ 36,000.00
7.	8" Fusible PVC Waterline (by Pipe Bursting)	1,743	L.F.	\$ 140.00	\$ 244,020.00	\$ 85.21	\$ 148,521.03	\$ 120.00	\$ 209,160.00	\$ 109.00	\$ 189,987.00	\$ 151.00	\$ 263,193.00
8.	8" Fusible PVC Waterline (by HDD)	1,015	L.F.	\$ 125.00	\$ 126,875.00	\$ 79.02	\$ 80,205.30	\$ 115.00	\$ 116,725.00	\$ 109.00	\$ 110,635.00	\$ 151.00	\$ 153,265.00
9.	8" Fusible PVC Waterline (by Direct Bury)	367	L.F.	\$ 90.00	\$ 33,030.00	\$ 40.00	\$ 14,680.00	\$ 100.00	\$ 36,700.00	\$ 75.00	\$ 27,525.00	\$ 93.00	\$ 34,131.00
10.	8" DIP Waterline (In Place)	45	L.F.	\$ 65.00	\$ 2,925.00	\$ 50.00	\$ 2,250.00	\$ 110.00	\$ 4,950.00	\$ 200.00	\$ 9,000.00	\$ 89.00	\$ 4,005.00
11.	6" PVC Waterline (In Place)	43	L.F.	\$ 65.00	\$ 2,795.00	\$ 50.00	\$ 2,150.00	\$ 100.00	\$ 4,300.00	\$ 86.00	\$ 3,698.00	\$ 79.00	\$ 3,397.00
12.	Break Concrete Encasement of Existing Waterline	20	L.F.	\$ 60.00	\$ 1,200.00	\$ 50.00	\$ 1,000.00	\$ 200.00	\$ 4,000.00	\$ 250.00	\$ 5,000.00	\$ 50.00	\$ 1,000.00
13.	Break Existing Repair Clamp	6	Each	\$ 1,000.00	\$ 6,000.00	\$ 400.00	\$ 2,400.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 100.00	\$ 600.00
14.	Straddle Block	2	Each	\$ 1,000.00	\$ 2,000.00	\$ 540.00	\$ 1,080.00	\$ 1,000.00	\$ 2,000.00	\$ 700.00	\$ 1,400.00	\$ 575.00	\$ 1,150.00
15.	8" MJ Gate Valve	18	Each	\$ 1,250.00	\$ 22,500.00	\$ 1,350.00	\$ 24,300.00	\$ 1,000.00	\$ 18,000.00	\$ 1,140.00	\$ 20,520.00	\$ 1,350.00	\$ 24,300.00
16.	6" MJ Gate Valve	2	Each	\$ 1,000.00	\$ 2,000.00	\$ 820.00	\$ 1,640.00	\$ 800.00	\$ 1,600.00	\$ 815.00	\$ 1,630.00	\$ 975.00	\$ 1,950.00
17.	Fire Hydrant Assembly	5	Each	\$ 3,500.00	\$ 17,500.00	\$ 3,680.00	\$ 18,400.00	\$ 3,800.00	\$ 19,000.00	\$ 3,875.00	\$ 19,375.00	\$ 3,825.00	\$ 19,125.00
18.	Remove Existing Fire Hydrant	4	Each	\$ 400.00	\$ 1,600.00	\$ 750.00	\$ 3,000.00	\$ 300.00	\$ 1,200.00	\$ 720.00	\$ 2,880.00	\$ 400.00	\$ 1,600.00
19.	Connect to Existing 8" Waterline	6	Each	\$ 1,000.00	\$ 6,000.00	\$ 2,500.00	\$ 15,000.00	\$ 1,000.00	\$ 6,000.00	\$ 2,500.00	\$ 15,000.00	\$ 1,775.00	\$ 10,650.00
20.	Connect to Existing 2" Waterline	1	Each	\$ 750.00	\$ 750.00	\$ 1,250.00	\$ 1,250.00	\$ 900.00	\$ 900.00	\$ 2,400.00	\$ 2,400.00	\$ 1,300.00	\$ 1,300.00
21.	3/4" Water Service (Short)	17	Each	\$ 400.00	\$ 6,800.00	\$ 300.00	\$ 5,100.00	\$ 600.00	\$ 10,200.00	\$ 385.00	\$ 6,545.00	\$ 600.00	\$ 10,200.00
22.	3/4" Water Service (Long)	1	Each	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 1,600.00	\$ 1,600.00	\$ 740.00	\$ 740.00	\$ 625.00	\$ 625.00
23.	1" Water Service (Short)	2	Each	\$ 600.00	\$ 1,200.00	\$ 300.00	\$ 600.00	\$ 700.00	\$ 1,400.00	\$ 590.00	\$ 1,180.00	\$ 750.00	\$ 1,500.00
24.	1 1/2" Water Service (Short)	1	Each	\$ 2,500.00	\$ 2,500.00	\$ 350.00	\$ 350.00	\$ 750.00	\$ 750.00	\$ 680.00	\$ 680.00	\$ 3,400.00	\$ 3,400.00
25.	2" Water Service (Long)	1	Each	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,600.00	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00	\$ 4,450.00	\$ 4,450.00
26.	2" Street Service Crossing (Short)	8	Each	\$ 4,000.00	\$ 32,000.00	\$ 500.00	\$ 4,000.00	\$ 800.00	\$ 6,400.00	\$ 800.00	\$ 6,400.00	\$ 2,275.00	\$ 18,200.00
27.	Connect to Existing Water Service (3/4" & 1")	20	Each	\$ 500.00	\$ 10,000.00	\$ 350.00	\$ 7,000.00	\$ 400.00	\$ 8,000.00	\$ 510.00	\$ 10,200.00	\$ 200.00	\$ 4,000.00
28.	Connect to Existing Water Service (1 1/2" & 2")	2	Each	\$ 750.00	\$ 1,500.00	\$ 400.00	\$ 800.00	\$ 400.00	\$ 800.00	\$ 2,500.00	\$ 5,000.00	\$ 675.00	\$ 1,350.00
29.	Connect to Existing Street Service Crossing (2")	8	Each	\$ 750.00	\$ 6,000.00	\$ 400.00	\$ 3,200.00	\$ 800.00	\$ 6,400.00	\$ 1,700.00	\$ 13,600.00	\$ 675.00	\$ 5,400.00
30.	New Water Meter Tile (3/4" & 1")	17	Each	\$ 100.00	\$ 1,700.00	\$ 100.00	\$ 1,700.00	\$ 100.00	\$ 1,700.00	\$ 500.00	\$ 8,500.00	\$ 125.00	\$ 2,125.00
31.	New Water Meter Ring/Lid (3/4" & 1")	9	Each	\$ 75.00	\$ 675.00	\$ 100.00	\$ 900.00	\$ 70.00	\$ 630.00	\$ 180.00	\$ 1,620.00	\$ 175.00	\$ 1,575.00
32.	Adjust Existing Meter Tile and Ring/Lid to Grade	11	Each	\$ 250.00	\$ 2,750.00	\$ 50.00	\$ 550.00	\$ 100.00	\$ 1,100.00	\$ 560.00	\$ 6,160.00	\$ 50.00	\$ 550.00
33.	Remove and Replace Asphalt Surfacing	99	S.Y.	\$ 100.00	\$ 9,900.00	\$ 55.00	\$ 5,445.00	\$ 75.00	\$ 7,425.00	\$ 420.00	\$ 41,580.00	\$ 186.00	\$ 18,414.00
34.	Remove and Replace Concrete Pavement	20	S.Y.	\$ 100.00	\$ 2,000.00	\$ 93.29	\$ 1,865.80	\$ 75.00	\$ 1,500.00	\$ 140.00	\$ 2,800.00	\$ 150.00	\$ 3,000.00
35.	Remove and Replace Concrete Driveway	26	S.Y.	\$ 80.00	\$ 2,080.00	\$ 72.37	\$ 1,881.62	\$ 75.00	\$ 1,950.00	\$ 72.00	\$ 1,872.00	\$ 140.00	\$ 3,640.00
36.	Remove and Replace Gravel Surfacing	24	S.Y.	\$ 50.00	\$ 1,200.00	\$ 15.00	\$ 360.00	\$ 10.00	\$ 240.00	\$ 14.00	\$ 336.00	\$ 11.00	\$ 264.00
37.	Remove and Replace Concrete Curb & Gutter	157	L.F.	\$ 35.00	\$ 5,495.00	\$ 19.09	\$ 2,997.13	\$ 20.00	\$ 3,140.00	\$ 100.00	\$ 15,700.00	\$ 63.00	\$ 9,891.00
38.	Remove and Replace Concrete Sidewalk (4") (AE)	63	S.Y.	\$ 50.00	\$ 3,150.00	\$ 33.59	\$ 2,116.17	\$ 45.00	\$ 2,835.00	\$ 105.00	\$ 6,615.00	\$ 69.00	\$ 4,347.00
39.	Remove and Replace Concrete Sidewalk Ramp (AE)	2	Each	\$ 1,500.00	\$ 3,000.00	\$ 2,256.65	\$ 4,513.30	\$ 1,800.00	\$ 3,600.00	\$ 2,000.00	\$ 4,000.00	\$ 1,350.00	\$ 2,700.00
				<b>Construction Total =</b>		<b>\$ 411,985.35</b>		<b>\$ 586,305.00</b>		<b>\$ 648,600.00</b>		<b>\$ 721,552.00</b>	