



STAFF REPORT

DATE: November 12, 2024

TO: Ted Henry, City Manager

FROM: Anne Stephens, PE, City Engineer

RE: Bel Aire Lakes Utility Bids

BACKGROUND:

The Developer of Bel Aire Lakes is ready to move forward with the construction of the Water and Sanitary Sewer Improvements to support the subdivision.

DISCUSSION:

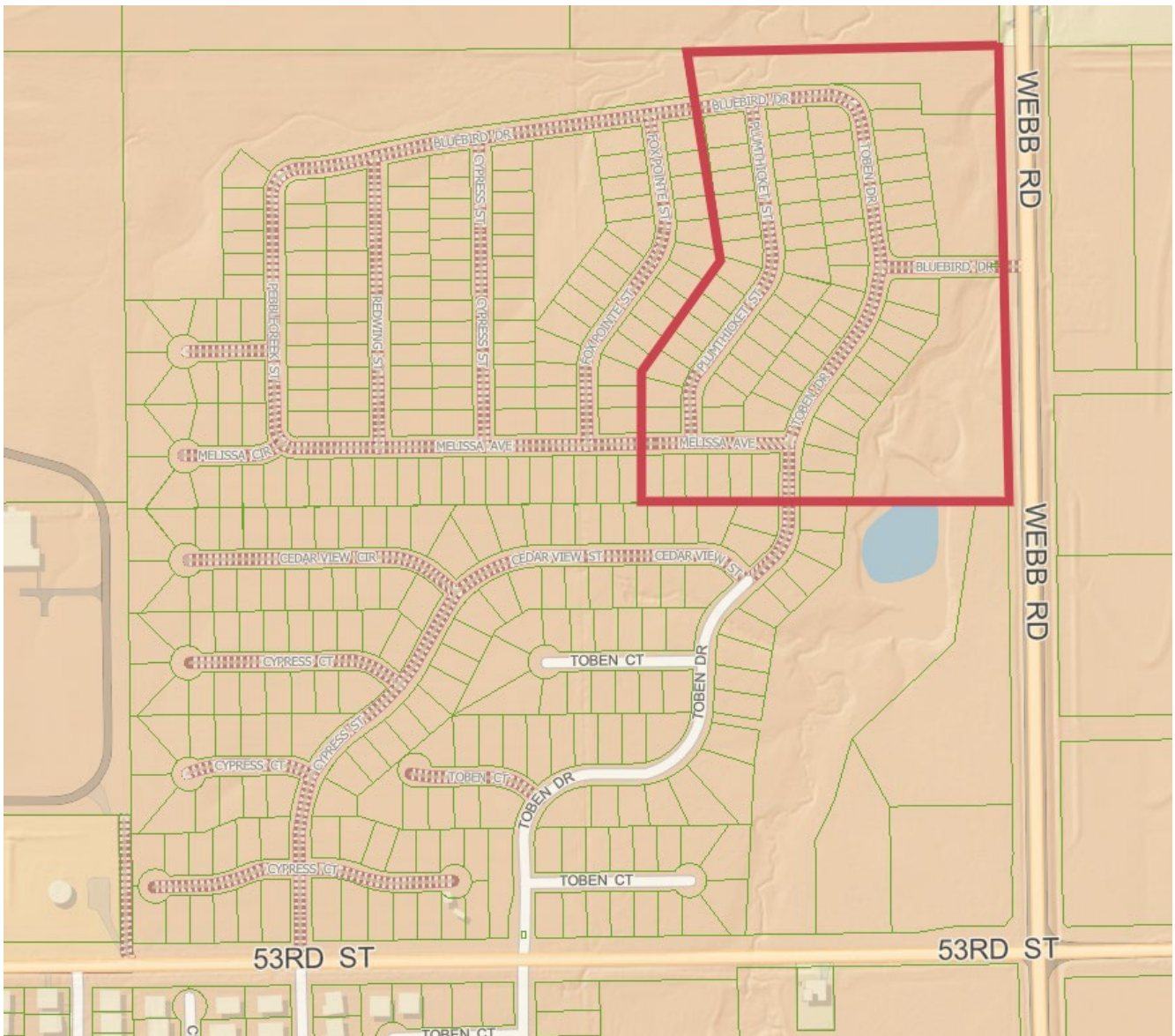
Certified Engineering Design (CED) worked with the Developer to design the water and sanitary sewer improvements for Bel Aire Lakes. Bids were accepted on November 12th for the project. Two contractors responded to the solicitation.

	Engineer's Estimate	Mies	Nowak
Group A – Transmission Main	\$624,164.00	\$514,572.00	\$355,010.80
Group B – Water	\$364,808.40	\$326,474.00	\$265,722.50
Group C – Sanitary Sewer	\$475,661.63	\$496,158.50	\$445,274.40
Total	\$1,464,634.03	\$1,337,204.50	\$1,066,007.70

FINANCIAL CONSIDERATIONS: The low bid fell within the initial petition amount. The cost of the improvements for these projects will be financed through a bond and spread as special assessments against the benefiting lots.

POLICY DECISION: Bids were solicited from 10 contractors, but only two chose to submit bids.

RECOMENDATION: Staff recommends that the City Council accept the bid from Nowak Construction, LLC in the amount of \$1,066,007.70.



CERTIFIED ENGINEERING DESIGN, P.A.
1935 WEST MAPLE
WICHITA, KS 67213
(316)262-8808

TABULATION OF BIDS
BEL AIRE LAKES ADDITION - WATER & SEWER

(FOR INFORMATION ONLY)

Tuesday, November 12, 2024

Type of Work: Bel Aire Lakes Addition - Water and Sewer									
Location: Bel Aire, Kansas									
No.	Bidding Item	Total Quantity	Unit	Engineer's Estimate		Mies Construction		Nowak Construction	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
Group A - 53rd & Webb Water Transmission Main									
1	Site Clearing	1	LS		\$ -	\$ 18,000.00	\$ 18,000.00	\$ 2,100.00	\$ 2,100.00
2	Site Restoration	1	LS		\$ -	\$ 3,700.00	\$ 3,700.00	\$ 12,900.00	\$ 12,900.00
3	Mobilization	1	LS		\$ -	\$ 4,500.00	\$ 4,500.00	\$ 1,600.00	\$ 1,600.00
4	Connect into Existing WL	1	EA		\$ -	\$ 43,500.00	\$ 43,500.00	\$ 21,400.00	\$ 21,400.00
5	16" PVC (C900) Water Line Pipe (Restrained Joint)	124	LF		\$ -	\$ 200.00	\$ 24,800.00	\$ 200.00	\$ 24,800.00
6	16" DICL Water Line Pipe (Restrained Joint)	30	LF		\$ -	\$ 225.00	\$ 6,750.00	\$ 350.00	\$ 10,500.00
7	16" PVC (C900) Water Line Pipe	2,580	LF		\$ -	\$ 113.00	\$ 291,540.00	\$ 76.80	\$ 198,144.00
8	26" Casing Pipe (Jack & Bore)	80	LF		\$ -	\$ 1,076.00	\$ 86,080.00	\$ 650.00	\$ 52,000.00
9	16" Anchored Valve Assembly, Special	1	EA		\$ -	\$ 6,000.00	\$ 6,000.00	\$ 4,250.00	\$ 4,250.00
10	16" Gate Valve Assembly	2	EA		\$ -	\$ 4,700.00	\$ 9,400.00	\$ 5,600.00	\$ 11,200.00
11	8" Gate Valve Assembly	1	EA		\$ -	\$ 3,850.00	\$ 3,850.00	\$ 2,200.00	\$ 2,200.00
12	2" Blowoff Assembly	1	EA		\$ -	\$ 2,800.00	\$ 2,800.00	\$ 2,500.00	\$ 2,500.00
13	1" Air Release Assembly	1	EA		\$ -	\$ 4,900.00	\$ 4,900.00	\$ 3,300.00	\$ 3,300.00
14	Sand Backfilled, Flushed and Vibrated	64	LF		\$ -	\$ 43.00	\$ 2,752.00	\$ 36.20	\$ 2,316.80
15	Signage	1	LS		\$ -	\$ 1,800.00	\$ 1,800.00	\$ 900.00	\$ 900.00
16	Contractor Construction Testing	1	LS		\$ -	\$ 1,700.00	\$ 1,700.00	\$ 2,300.00	\$ 2,300.00
17	Contractor Construction Staking	1	LS		\$ -	\$ 2,500.00	\$ 2,500.00	\$ 2,600.00	\$ 2,600.00
Sub-Total Group A - 53rd & Webb Water Transmission Main				\$	624,164.00	\$	514,572.00	\$	355,010.80
Group B - Bel Aire Lakes Waterline Improvements									
18	Site Clearing	1	LS		\$ -	\$ 15,400.00	\$ 15,400.00	\$ 1,600.00	\$ 1,600.00
19	Site Restoration	1	LS		\$ -	\$ 600.00	\$ 600.00	\$ 100.00	\$ 100.00
20	Mobilization	1	LS		\$ -	\$ 2,300.00	\$ 2,300.00	\$ 2,100.00	\$ 2,100.00
21	Pipe, Connect to Existing	1	EA		\$ -	\$ 350.00	\$ 350.00	\$ 1,300.00	\$ 1,300.00
22	Pipe, WL 8" (PVC)	3,593	LF		\$ -	\$ 54.00	\$ 194,022.00	\$ 42.90	\$ 154,139.70
23	Pipe, WL 8" (Ductile)	89	LF		\$ -	\$ 96.00	\$ 8,544.00	\$ 150.00	\$ 13,350.00
24	Valve Assembly, Special Anchored 8"	3	EA		\$ -	\$ 5,000.00	\$ 15,000.00	\$ 2,250.00	\$ 6,750.00
25	Valve Assembly, 8"	12	EA		\$ -	\$ 2,900.00	\$ 34,800.00	\$ 2,200.00	\$ 26,400.00
26	Fire Hydrant Assembly	4	EA		\$ -	\$ 8,000.00	\$ 32,000.00	\$ 6,050.00	\$ 24,200.00
27	Valve Assembly, Blowoff	3	EA		\$ -	\$ 1,800.00	\$ 5,400.00	\$ 2,100.00	\$ 6,300.00
28	Sand Backfilled, Flushed and Vibrated	238	LF		\$ -	\$ 16.00	\$ 3,808.00	\$ 13.10	\$ 3,117.80
29	Water Sampling Station	1	EA		\$ -	\$ 4,300.00	\$ 4,300.00	\$ 3,900.00	\$ 3,900.00
30	Protective Fill	2,650	LF		\$ -	\$ 1.00	\$ 2,650.00	\$ 6.10	\$ 16,165.00
31	Contractor Construction Testing	1	LS		\$ -	\$ 4,100.00	\$ 4,100.00	\$ 3,000.00	\$ 3,000.00
32	Contractor Construction Staking	1	LS		\$ -	\$ 3,200.00	\$ 3,200.00	\$ 3,300.00	\$ 3,300.00
Sub-Total Group B - Bel Aire Lakes Waterline Improvements				\$	364,808.40	\$	326,474.00	\$	265,722.50
Group C - Bel Aire Lakes Sanitary Sewer Improvements									
33	Site Clearing	1	LS		\$ -	\$ 21,500.00	\$ 21,500.00	\$ 10,200.00	\$ 10,200.00
34	Site Restoration	1	LS		\$ -	\$ 650.00	\$ 650.00	\$ 100.00	\$ 100.00
35	Mobilization	1	LS		\$ -	\$ 2,300.00	\$ 2,300.00	\$ 5,150.00	\$ 5,150.00
36	Pipe, SS 8"	3,161	LF		\$ -	\$ 56.00	\$ 177,016.00	\$ 52.90	\$ 167,216.90
37	MH, Standard SS (4')	15	EA		\$ -	\$ 5,250.00	\$ 78,750.00	\$ 4,600.00	\$ 69,000.00
38	MH, Doghouse SS (4')	1	EA		\$ -	\$ 8,100.00	\$ 8,100.00	\$ 7,950.00	\$ 7,950.00
39	MH, Connect to Exisitng	1	EA		\$ -	\$ 13,400.00	\$ 13,400.00	\$ 9,750.00	\$ 9,750.00
40	Riser Assembly 4", Vertical	63	EA		\$ -	\$ 1,700.00	\$ 107,100.00	\$ 1,750.00	\$ 110,250.00
41	Riser Assembly 4", Vertical (On Existing Pipe)	16	EA		\$ -	\$ 3,850.00	\$ 61,600.00	\$ 2,150.00	\$ 34,400.00
42	Contractor Construction Testing	1	LS		\$ -	\$ 8,900.00	\$ 8,900.00	\$ 6,050.00	\$ 6,050.00
43	BMP, Construction Entrance	1	EA		\$ -	\$ 500.00	\$ 500.00	\$ 900.00	\$ 900.00
44	BMP, Silt Fence	3245	LF		\$ -	\$ 1.50	\$ 4,867.50	\$ 1.50	\$ 4,867.50
45	Temporary Seeding	7	Ac		\$ -	\$ 25.00	\$ 175.00	\$ 1,200.00	\$ 8,400.00
46	Sand Backfilled, Flushed and Vibrated	150	LF		\$ -	\$ 52.00	\$ 7,800.00	\$ 49.60	\$ 7,440.00
47	Contractor Construction Staking	1	LS		\$ -	\$ 3,500.00	\$ 3,500.00	\$ 3,600.00	\$ 3,600.00
Sub-Total Group C - Bel Aire Lakes Sanitary Sewer Improvements				\$	475,661.63	\$	496,158.50	\$	445,274.40
Project Total (A + B + C)				\$	1,464,634.03	\$	1,337,204.50	\$	1,066,007.70