

Agenda Item: 8.b.

**MEMORANDUM**

**TO:** Programs, Projects, and Operations Subcommittee

**FROM:** Zach Nelson, Project Manager

**SUBJECT:** Review and Recommendation of Bids Received for the Washington County Rural Water Main Extension– Lakeland Connection Project Construction Contract

**DATE:** August 2, 2016

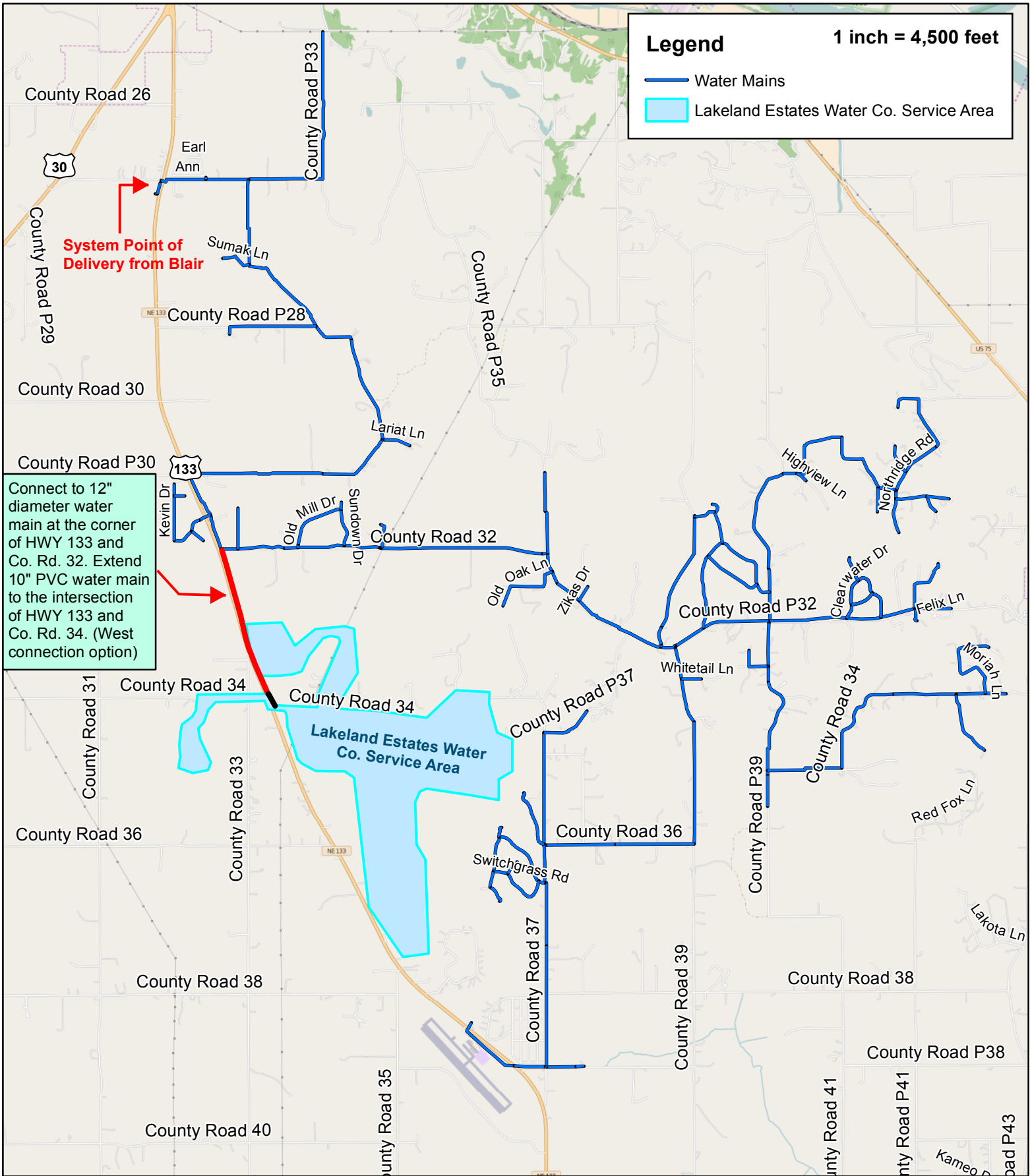
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Since last fall, the District has been working with Lakeland Estates Water Company (LEWC) to evaluate connecting the system as a wholesale customer to the Washington County Rural Water System. Connecting LEWC will require the installation of 4,505 LF of 10” dia. water main from the intersection of Hwy 133 and County Road 34 to the intersection of Hwy 133 and Todd Drive. The project will also require the installation of 1,018 LF of 8” dia. water main from the intersection of Hwy 133 and Todd Drive to the intersection of Hwy 133 and County Road 34. (see attached map). The District’s consulting engineer, Chris Koenig with HDR, provided the design for the water main extension.

Currently, the Lakeland Estates Water Company is served by four wells that produce water that is high in iron. Once the connection is made to the Washington County Rural Water System, LEWC’s wells will be capped. This project will help to provide high quality drinking water to customers served by LEWC as well as provide the Washington County Rural Water System will approximately \$115,500 annually in additional revenue.

A total of three bids were received. (See attached bid summary) Eriksen Construction’s bid of \$226,362.75 is the apparent low bid. Staff and the engineer have reviewed all bids and believe that Eriksen Construction’s bid is the lowest and best bid. (See attached HDR letter of recommendation). The engineer’s estimate for this project is \$254,785

**Staff recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute a contract with Eriksen Construction for the construction of the Washington County Rural Water – Lakeland Connection Project in the bid amount of \$226,362.75, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel and subject to project financing approval at the District’s September Board Meeting.**



**Legend**

1 inch = 4,500 feet

- Water Mains
- Lakeland Estates Water Co. Service Area

Connect to 12" diameter water main at the corner of HWY 133 and Co. Rd. 32. Extend 10" PVC water main to the intersection of HWY 133 and Co. Rd. 34. (West connection option)

**System Point of Delivery from Blair**

**EXHIBIT A**  
**Proposed Lakeland**  
**Water Main Extension**



# WASHINGTON COUNTY RURAL WATER SYSTEM

## Lakeland Connection Bid Tab

Extension from County Road P32 to County Road 34

				HDR Engineer's Estimate		THOMPSON CONSTRUCTION		PENRO CONSTRUCTION		ERIKSEN CONSTRUCTION	
Bid Item No.	Description	EST QTY	UNIT	UNIT PRICE	TOTAL	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	10" Cl. 200 SDR 21	4,505	LF	\$31.00	\$139,655	\$ 25.00	\$ 112,625.00	\$ 24.30	\$ 109,471.50	\$ 19.95	\$ 89,874.75
2	8" Cl. 200 SDR 21	1,050	LF	\$27.00	\$28,350	\$ 19.00	\$ 19,950.00	\$ 21.65	\$ 22,732.50	\$ 17.10	\$ 17,955.00
3	6" Cl. 200 SDR 21	40	LF	\$22.00	\$880	\$ 22.00	\$ 880.00	\$ 18.75	\$ 750.00	\$ 15.00	\$ 600.00
4	8" Valve with Box	1	EA	800.00	\$800	\$ 1,500.00	\$ 1,500.00	\$ 1,265.00	\$ 1,265.00	\$ 1,733.00	\$ 1,733.00
5	6" Valve with Box	2	EA	650.00	\$1,300	\$ 1,100.00	\$ 2,200.00	\$ 950.00	\$ 1,900.00	\$ 1,272.00	\$ 2,544.00
6	10" Wet Tap with Valve	1	EA	8,000.00	\$8,000	\$ 6,000.00	\$ 6,000.00	\$ 5,080.00	\$ 5,080.00	\$ 6,431.00	\$ 6,431.00
7	6" Cut and Connect	2	EA	1,200.00	\$2,400	\$ 3,000.00	\$ 6,000.00	\$ 2,750.00	\$ 5,500.00	\$ 1,100.00	\$ 2,200.00
8	Cleanout Hydrant	2	EA	1,500.00	\$3,000	\$ 2,500.00	\$ 5,000.00	\$ 1,750.00	\$ 3,500.00	\$ 2,850.00	\$ 5,700.00
9	Cut and Cap 2" Main	1	EA	300.00	\$300	\$ 800.00	\$ 800.00	\$ 1,550.00	\$ 1,550.00	\$ 555.00	\$ 555.00
10	Cut and Cap 1" Service	1	EA	200.00	\$200	\$ 350.00	\$ 350.00	\$ 1,425.00	\$ 1,425.00	\$ 550.00	\$ 550.00
11	1" Service Tap and Connection	1	EA	600.00	\$600	\$ 1,100.00	\$ 1,100.00	\$ 2,150.00	\$ 2,150.00	\$ 1,320.00	\$ 1,320.00
12	16" Steel Encasement	75	LF	180.00	\$13,500	\$ 375.00	\$ 28,125.00	\$ 175.00	\$ 13,125.00	\$ 200.00	\$ 15,000.00
13	12" Steel Encasement	40	LF	140.00	\$5,600	\$ 450.00	\$ 18,000.00	\$ 145.00	\$ 5,800.00	\$ 166.00	\$ 6,640.00
14	Road Crossing No Encasement	1	EA	1,500.00	\$1,500	\$ 7,500.00	\$ 7,500.00	\$ 2,120.00	\$ 2,120.00	\$ 560.00	\$ 560.00
15	Driveway Crossing No Encasement	1	EA	500.00	\$500	\$ 5,000.00	\$ 5,000.00	\$ 1,530.00	\$ 1,530.00	\$ 400.00	\$ 400.00
16	Remove Yard Hydrant	1	EA	200.00	\$200	\$ 150.00	\$ 150.00	\$ 400.00	\$ 400.00	\$ 1,600.00	\$ 1,600.00
17	Master Meter/PRV Vault Complete	1	EA	20,000.00	\$20,000	\$ 38,000.00	\$ 38,000.00	\$ 26,410.00	\$ 26,410.00	\$ 30,000.00	\$ 30,000.00
18	Backflow Vault Complete	1	EA	15,000.00	\$15,000	\$ 32,000.00	\$ 32,000.00	\$ 21,000.00	\$ 21,000.00	\$ 28,000.00	\$ 28,000.00
19	Cut and Plug Existing Well Mains	4	EA	2,000.00	\$8,000	\$ 2,000.00	\$ 8,000.00	\$ 2,250.00	\$ 9,000.00	\$ 900.00	\$ 3,600.00
20	Seeding	1	LS	5,000.00	\$5,000	\$ 4,500.00	\$ 4,500.00	\$ 2,500.00	\$ 2,500.00	\$ 11,100.00	\$ 11,100.00

<b>TOTAL CONSTRUCTION BID</b>	<b>\$254,785</b>	<b>\$ 297,680.00</b>	<b>\$ 237,209.00</b>	<b>\$ 226,362.75</b>
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Received Addendum #1

Yes \_\_\_\_\_

Yes \_\_\_\_\_

Yes \_\_\_\_\_

Bid Bond

Yes \_\_\_\_\_

Yes \_\_\_\_\_

Yes \_\_\_\_\_



August 5, 2016

Mr. Zach Nelson  
Papio-Missouri River NRD  
8901 South 154th Street  
Omaha, NE 68138-3621

Subject: Papio-Missouri River NRD  
Washington County Rural Water System  
Lakeland Connection  
HDR Project No. 10017881  
Bid Recommendation

Dear Mr. Nelson,

Bids for the construction of the Washington County Rural Water System Lakeland Connection were received on August 2, 2016. A total of three bids were received. A copy of the bid tabulation is attached.

Eriksen Construction, Inc. submitted the lowest bid in the amount of \$226,362.75. The bid was below the engineer's estimate of \$254,785.

We recommend award of the contract to Eriksen Construction, Inc. in the amount of \$226,362.75.

Please feel free to contact me if you have any questions or need additional information.

Sincerely,

HDR ENGINEERING INC.

Chris J. Koenig, P.E.  
Senior Project Manager

Attachment