

## MEMORANDUM

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

**FROM:** Justin Novak, Project Manager

**SUBJECT:** Review and Recommendation on Elk Creek Channel Stabilization EWP Project Bids

**DATE:** August 4, 2021

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The Elk Creek Levee Project includes a 2-mile reach between US Hwy 20 and 137<sup>th</sup> Street in Dakota County, east of Jackson, Nebraska. In 2013 the District partnered with the NRCS, and received funds through the Emergency Watershed Protection (EWP) to repair the right bank of the levee. Then in 2019 the District was awarded a grant by the NRCS for EWP funds, as a result of the flooding damaged that occurred in spring of 2019 to repair the left bank of the levee. Enclosed is a map of the project area, typical cross section of the channel stabilization project and pictures of the current levee condition.

The NRCS agreement reimburses up to \$1,739,494 for construction at 75% cost-share rate of the total project construction cost (NRCS estimate-\$2,319,325), and the District and Elk Creek IPA will 50/50 split the remaining 25%. The engineers from Olsson had a probable construction cost of \$2,517,400. These estimates included the Base bid for levee construction and Alternate A bid for repairs needed to the existing weirs.


Bids were opened on August 3, 2021 for the referenced project, and have enclosed a bid summary and recommendation letter from Olsson. There was a total of 8 bids submitted and Lieber Construction Inc. was low bidder with a Base Bid of \$1,018,729.88, Bid Alternate A \$41,538.00: with a total construction cost \$1,060,267.88

**Management recommends that the Programs, Project & Operations Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract with Lieber Construction Inc. in an amount of \$1,060,267.88 for the construction of the Elk Creek Channel Stabilization EWP Project, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**



  
**N**

DAKOTA COUNTY, NE



ELK CREEK LEVEE

PROJECT NO. 020-32350  
 DRAWN BY JLM  
 DATE 3/8/21

**olsson**  
 601 P Street, Suite 700  
 P.O. Box 9458  
 Lincoln, NE 68508  
 TEL: 402.474.6311

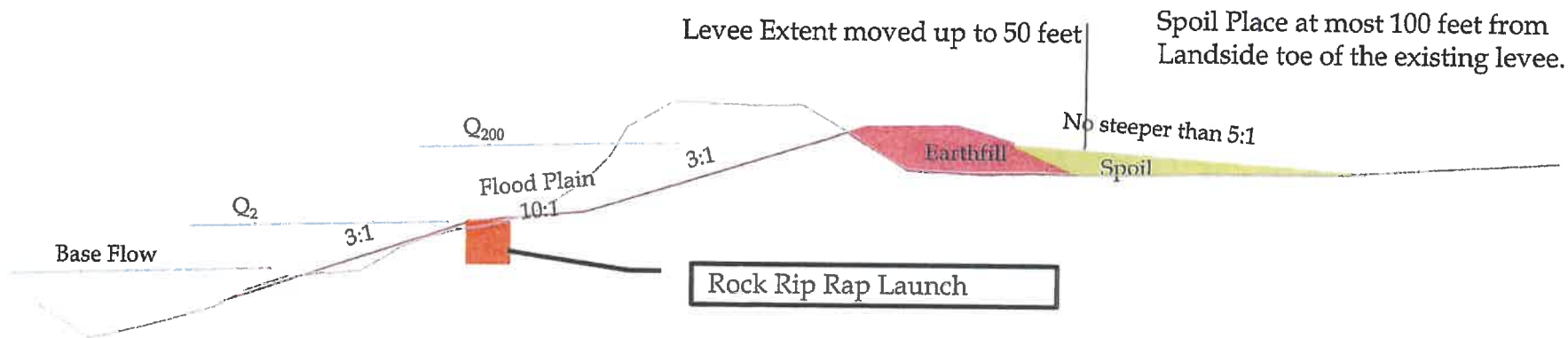
EXHIBIT  
 1





# Proposed Plan Elk Creek Cross Section

Prospective Drawing Not to Scale!



## Proposed Least Cost Plan for Elk Creek

- Excavated Material from existing levee and channel spoiled in adjacent farm fields at no steeper than 5:1.
- To reduce long term risk of eroding bank line, a launch able Rock Rip Rap trench is dug and backfilled. If the stream channel erodes to that point, rock will launch and protect those areas effected from further erosion. Rock is Covered with earth material for ease of maintenance.



August 4, 2021

Papio-Missouri River NRD  
Attn: Justin Novak  
8901 South 154<sup>th</sup> Street  
Omaha, NE 68138

Re: P-MRNRD Elk Creek Channel Stabilization EWP  
Jackson, Nebraska  
Olsson Project No. 020-3235

Justin,

On Tuesday, August 3, 2021, bids were received for the above-mentioned project. This letter summarizes the bids received and provides the Papio-Missouri River NRD with our recommendations for making an award on the project. A bid tabulation was prepared for the project with the bids received, and enclosed for reference.

Eight bids were received for the project. All bidders submitted a bid for Base Bid, Alternate A, acknowledge Addendum Nos 1, 2 & 3 and all had a 5% bid bond.

Only one bidder had errors in calculating their bid (Christiansen Construction Co.).

	Lieber Construction	MCWells	SuBSurfco	Fenton Construction
Base Bid	\$1,018,729.88	\$1,436,491.25	\$1,591,504.45	\$1,906,472.75
Alternate A	\$41,538	\$52,080	\$67,830	\$63,000

	Mt. Farm Drainage	High Plains Enterprise	Christiansen Construction	Commercial Contractors Equipment	Engineer's Estimate
Base Bid	\$1,981,202	\$2,023,424	\$2,291,041.60	\$2,509,810.25	\$2,433,400
Alternate A	\$69,720	\$67,200	\$61,782	\$92,400	\$84,000

All bidders have shown that they are responsive and responsible bidders, it is our recommendation that the P-MRNRD award the bid to Lieber Construction for the Base Bid of \$1,018,729.88 and Alternate A \$41,538 for a total of **\$1,060,267.88**.

Please feel free to contact me with any additional questions that you may have. I can be reached at 402.938.2451 or [cromero@olsson.com](mailto:cromero@olsson.com).

Sincerely,

Caroline (Carrie) Romero, PE

Encls.

BID TABULATION

August 3, 2021 - 2:00 PM

Olsson No. 020-3235

**P-MRNRD ELK CREEK CHANNEL STABILIZATION EWP PROJECT  
JACKSON, NEBRASKA - 2021**



CONTRACTOR				Lieber Construction		MCWells Contracting		SubSurfco		Fenton Construction		Mount Farm Drainage		High Plains Enterprise		Christiansen Construction Co.		Commercial Contractors Equipment	
				North Sioux City, SD		Omaha, NE		So. Sioux City, NE		Sioux City, IA		Riverton, IA		Martell, NE		Pender, NE		Lincoln, NE	
Item No.	ITEM	UNIT	QTY.	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
<b>BASE BID</b>																			
1	Mobilization/Demobilization	LS	1	10,220.88	\$10,220.88	143,000.00	\$143,000.00	45,500.00	\$45,500.00	45,000.00	\$45,000.00	98,000.00	\$98,000.00	100,000.00	\$100,000.00	61,655.00	\$61,655.00	65,000.00	\$65,000.00
2	Excavation	CY	176,975	0.70	\$123,882.50	1.10	\$194,672.50	1.87	\$330,943.25	1.80	\$318,555.00	2.30	\$407,042.50	1.75	\$309,706.25	3.66	\$647,728.50	4.25	\$752,143.75
3	Earthfill (Levee)	CY	95,750	1.00	\$95,750.00	1.05	\$100,537.50	1.43	\$136,922.50	2.50	\$239,375.00	3.00	\$287,250.00	2.00	\$191,500.00	3.10	\$296,825.00	1.65	\$157,987.50
4	Earthfill (Extra Fill on Levee Back Slope)	CY	81,215	1.00	\$81,215.00	1.05	\$85,275.75	1.03	\$83,651.45	2.50	\$203,037.50	2.30	\$186,794.50	1.85	\$150,247.75	3.09	\$250,954.35	1.85	\$150,247.75
5	Rock Riprap Trench (Class B)	TONS	13,655	47.20	\$644,516.00	62.00	\$846,610.00	66.85	\$912,836.75	75.00	\$1,024,125.00	67.00	\$914,885.00	84.00	#####	69.59	\$950,251.45	95.00	\$1,297,225.00
6	Temporary Seeding	AC	13.8	255.00	\$3,519.00	255.00	\$3,519.00	275.00	\$3,795.00	275.00	\$3,795.00	300.00	\$4,140.00	500.00	\$6,900.00	500.77	\$6,910.63	325.00	\$4,485.00
7	Permanent Seeding	AC	33.3	1,305.00	\$43,456.50	1,305.00	\$43,456.50	1,410.00	\$46,953.00	1,402.50	\$46,703.25	1,400.00	\$46,620.00	2,000.00	\$66,600.00	1,297.19	\$43,196.43	1,500.00	\$49,950.00
8	Erosion Control Blanket	SY	10,225	1.20	\$12,270.00	1.20	\$12,270.00	1.30	\$13,292.50	1.32	\$13,497.00	2.00	\$20,450.00	2.00	\$20,450.00	1.53	\$15,644.25	1.65	\$16,871.25
9	Silt Fence	LF	100	4.00	\$400.00	8.00	\$800.00	8.60	\$860.00	3.85	\$385.00	4.20	\$420.00	10.00	\$1,000.00	12.28	\$1,228.00	9.00	\$900.00
10	Constructon Entrances	EA	1	1,500.00	\$1,500.00	5,000.00	\$5,000.00	3,200.00	\$3,200.00	5,000.00	\$5,000.00	4,100.00	\$4,100.00	10,000.00	\$10,000.00	9,451.00	\$9,451.00	5,000.00	\$5,000.00
11	Construction Survey	LS	1	2,000.00	\$2,000.00	1,350.00	\$1,350.00	13,550.00	\$13,550.00	7,000.00	\$7,000.00	11,500.00	\$11,500.00	20,000.00	\$20,000.00	7,197.00	\$7,197.00	10,000.00	\$10,000.00
<b>TOTAL BASE BID</b>					\$1,018,729.88		\$1,436,491.25		\$1,591,504.45		\$1,906,472.75		\$1,981,202.00		\$2,023,424.00		\$2,291,041.60		\$2,509,810.25
<b>ALTERNATE A BID</b>																			
12	Rock Riprap Bank Stabilization (Class C)	TONS	840	49.45	\$41,538.00	62.00	\$52,080.00	80.75	\$67,830.00	75.00	\$63,000.00	83.00	\$69,720.00	80.00	\$67,200.00	73.55	\$61,782.00	110.00	\$92,400.00
<b>TOTAL ALTERNATE A BID</b>					\$41,538.00		\$52,080.00		\$67,830.00		\$63,000.00		\$69,720.00		\$67,200.00		\$61,782.00		\$92,400.00
<b>TOTAL BASE BID &amp; ALTERNATE A</b>					\$1,060,267.88		\$1,488,571.25		\$1,659,334.45		\$1,969,472.75		\$2,050,922.00		\$2,090,624.00		\$2,352,823.60		\$2,602,210.25
Addendum Nos. 1, 2 & 3					Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes
Bid Guarantee:					5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond
Remarks:																	Discrepancy in calculating.		