

MEMORANDUM

TO: Programs, Projects & Operations Subcommittee
FROM: Justin Novak, Project Manager
SUBJECT: Kramper Lake Water Main Extension Bids
DATE: January 30, 2023

The Kramper Lake Water Main Extension Project will bring much needed upgrades to the Dakota County Rural Water System, providing capacity to add an additional 100 customers to the western part of the system, and clean drinking water to Kramper Lake. The project consists of constructing a new booster pump station, 75,000/gallon standpipe, and 15 miles of new water main.

Funding already approved by the Board for this project is through USDA Rural Utility Services:

Water System Revenue Bond:	\$1,954,000
USDA Rural Development Grant:	\$1,762,000
<u>Dakota County Rural Water Contribution:</u>	<u>\$200,000</u>
Total Estimated Project Cost:	\$3,916,000

There were 2 bids received for the Kramper Lake Water Main Extension and were opened on January 26, 2023 2 p.m. at the Dakota City Field Office. The engineers estimate for construction of this project is \$3,339,600, and Penro Construction Co., Inc. was the low bidder at \$3,094,108.31.

Management recommends that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract with Penro Construction Co., Inc. in an amount not to exceed \$3,094,108.31 for the construction of Kramper Lake Water Main Extension Project, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.

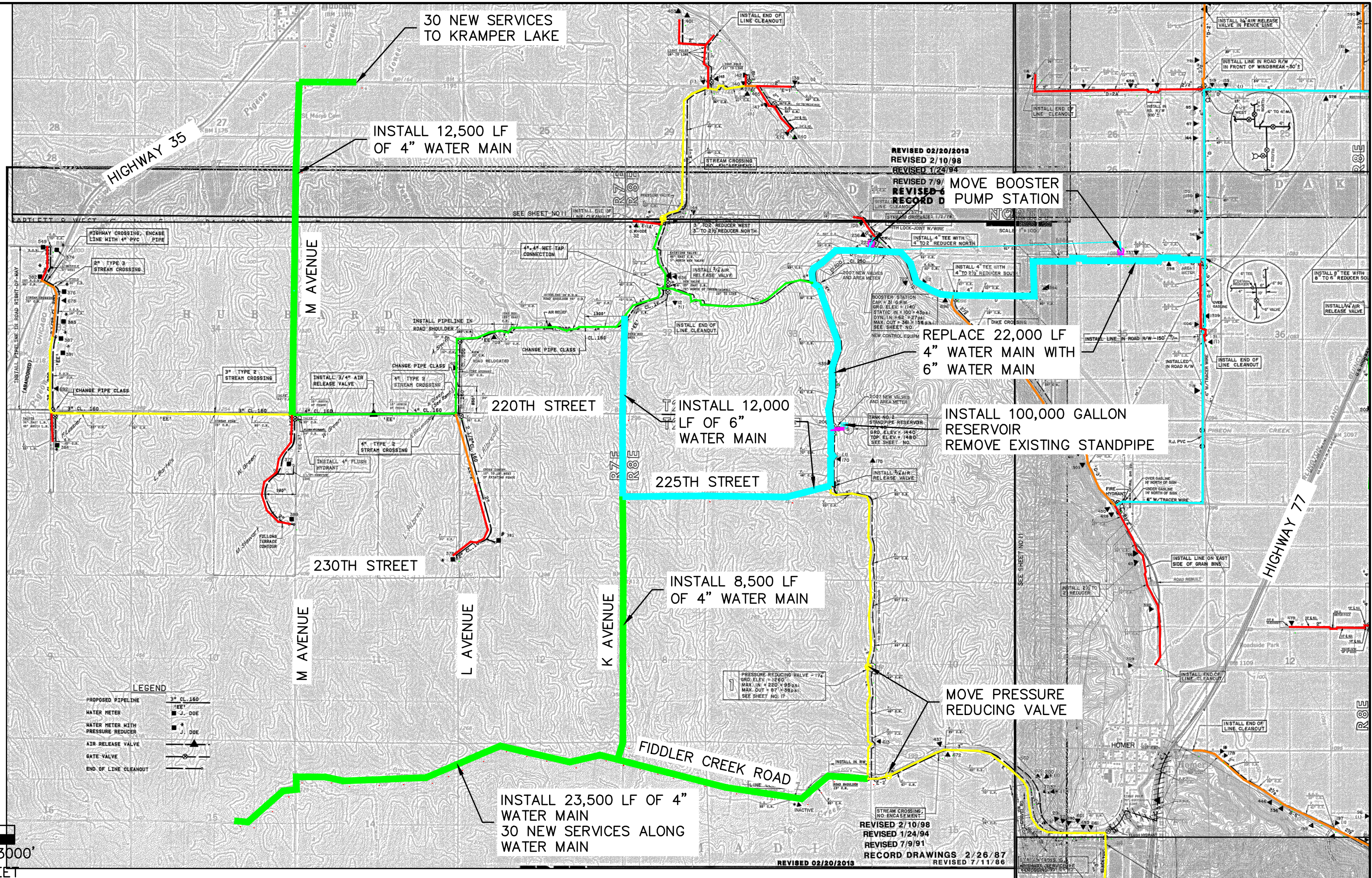


P-MRNRD RURAL WATER SYSTEM IMPROVEMENTS
26-Jan-2023 DAKOTA COUNTY, NE - 2022
2:00 p.m. OLSSON PROJECT NO. 020-0660

CONTRACTOR				Penro Construction Co., Inc.		MC Wells Contracting, LLC	
				Pender, NE		Omaha, NE	
Item No.	ITEM	UNIT	QTY.	Unit Price	Extension	Unit Price	Extension
1	MOBILIZATION	LS	1	\$146,150.00	\$146,150.00	\$340,000.00	\$340,000.00
2	STANDPIPE/PUMP STATION SITE DEMOLITION	LS	1	\$35,750.00	\$35,750.00	\$50,000.00	\$50,000.00
3	EARTHWORK (STANDPIPE SITE)	LS	1	\$24,550.00	\$24,550.00	\$10,000.00	\$10,000.00
4	STANDPIPE (75,000 GALLON)	LS	1	\$615,200.00	\$615,200.00	\$550,000.00	\$550,000.00
5	EARTHWORK (PUMP STATION)	LS	1	\$17,300.00	\$17,300.00	\$10,000.00	\$10,000.00
6	PUMP STATION	LS	1	\$441,000.00	\$441,000.00	\$400,000.00	\$400,000.00
7	BACKFLOW PREVENTOR ASSEMBLY	EA	1	\$33,650.00	\$33,650.00	\$35,000.00	\$35,000.00
8	PRESSURE REDUCER VALVE ASSEMBLY	EA	1	\$13,250.00	\$13,250.00	\$25,000.00	\$25,000.00
9	PRESSURE TRANSDUCER ASSEMBLY	EA	1	\$7,315.00	\$7,315.00	\$15,000.00	\$15,000.00
10	AREA METER PIT ASSEMBLY	EA	3	\$3,565.00	\$10,695.00	\$9,500.00	\$28,500.00
11	FLUSH HYDRANT ASSEMBLY	EA	46	\$3,005.00	\$138,230.00	\$4,500.00	\$207,000.00
12	4" WATER MAIN	LF	40,257	\$13.20	\$531,392.40	\$14.00	\$563,598.00
13	6" WATER MAIN	LF	34,197	\$19.85	\$678,810.45	\$20.00	\$683,940.00
14	4" WATER MAIN RESTRAINED JOINT (DIRECTIONAL DRILL)	LF	3,350	\$49.85	\$166,997.50	\$55.00	\$184,250.00
15	6" WATER MAIN RESTRAINED JOINT (DIRECTIONAL DRILL)	LF	730	\$69.15	\$50,479.50	\$95.00	\$69,350.00
16	4" GATE VALVE WITH BOX	EA	18	\$1,290.00	\$23,220.00	\$3,000.00	\$54,000.00
17	6" GATE VALVE WITH BOX	EA	14	\$1,525.00	\$21,350.00	\$3,300.00	\$46,200.00
18	4" 11.25° M.J. BEND	EA	2	\$382.00	\$764.00	\$1,250.00	\$2,500.00
19	6" 11.25° M.J. BEND	EA	9	\$457.00	\$4,113.00	\$1,300.00	\$11,700.00
20	4" 22.5° M.J. BEND	EA	1	\$438.00	\$438.00	\$1,300.00	\$1,300.00
21	6" 22.5° M.J. BEND	EA	2	\$492.00	\$984.00	\$1,300.00	\$2,600.00
22	4" 45° M.J. BEND	EA	12	\$351.00	\$4,212.00	\$1,300.00	\$15,600.00
23	6" 45° M.J. BEND	EA	22	\$458.00	\$10,076.00	\$1,300.00	\$28,600.00
24	4" 90° M.J. BEND	EA	1	\$455.00	\$455.00	\$1,300.00	\$1,300.00
25	6" 90° M.J. BEND	EA	4	\$503.50	\$2,014.00	\$1,300.00	\$5,200.00
26	4"X4" M.J. TEE	EA	3	\$475.00	\$1,425.00	\$1,500.00	\$4,500.00
27	6"X4" REDUCER	EA	4	\$382.00	\$1,528.00	\$1,300.00	\$5,200.00
28	6"X6" M.J. TEE	EA	6	\$605.50	\$3,633.00	\$1,600.00	\$9,600.00
29	4"X4" TAPPING TEE WITH GATE VALVE AND BOX	EA	3	\$3,475.00	\$10,425.00	\$4,000.00	\$12,000.00
30	6"X6" TAPPING TEE WITH GATE VALVE AND BOX	EA	1	\$3,920.00	\$3,920.00	\$4,500.00	\$4,500.00
31	4"X3" REDUCER	EA	1	\$350.50	\$350.50	\$1,400.00	\$1,400.00
32	4" SOLID SLEEVE	EA	1	\$351.50	\$351.50	\$1,400.00	\$1,400.00
33	4" M.J. PLUG	EA	2	\$241.50	\$483.00	\$1,400.00	\$2,800.00
34	6' TALL CHAIN LINK FENCE	LF	310	\$50.85	\$15,763.50	\$25.00	\$7,750.00
35	6' TALL, 24' WIDE SWING GATE	LS	1	\$5,270.00	\$5,270.00	\$7,000.00	\$7,000.00
36	18" CMP	LF	36	\$81.30	\$2,926.80	\$95.00	\$3,420.00
37	2" GRAVEL EMBEDMENT	SY	1,028	\$14.70	\$15,111.60	\$3.00	\$3,084.00
38	2" GRAVEL SURFACING	TN	80	\$80.45	\$6,436.00	\$55.00	\$4,400.00
39	4" CONCRETE SLAB	SY	68	\$159.50	\$10,846.00	\$70.00	\$4,760.00
40	SEEDING	SY	21,000	\$1.01	\$21,210.00	\$1.00	\$21,000.00
41	LOW POROSITY SILT FENCE	LF	677	\$4.28	\$2,897.56	\$5.00	\$3,385.00
42	CONSTRUCTION ENTRANCE	TN	28	\$127.50	\$3,570.00	\$100.00	\$2,800.00
43	EROSION CONTROL	LS	1	\$5,845.00	\$5,845.00	\$15,000.00	\$15,000.00
44	TRAFFIC CONTROL	LS	1	\$3,720.00	\$3,720.00	\$2,500.00	\$2,500.00
Total of Unit Price Bid Items					\$3,094,108.31		\$3,457,137.00
Work Substantially Complete On or Before:				October 31, 2024		October 31, 2024	
Complete and Ready for Final Payment On or Before:				December 31, 2024		December 31, 2024	
Addendas				2		2	
Bid Guarantee:				5% Bid Bond		5% Bid Bond	
Remarks:							

USER: jutesch
DWG: F:\2017\2501-3000\017-2540\40-Design\AutoCAD\Preliminary Plans\Xref\WaterModel.dwg
DATE: Jul 08, 2022 11:43am
XREFS:

- Pipe Input View
PIPEHYD->DIAMETER
- 2" PIPE
 - 2.5" PIPE
 - 3" PIPE
 - 4" PIPE
 - 6" PIPE
 - 8" PIPE
 - 12" PIPE
 - 16" PIPE



PROJECT NO:	017-2540
DRAWN BY:	TLK
DATE:	04/06/2021

PMRNRD DAKOTA COUNTY RURAL WATER IMPROVEMENTS EXHIBIT

olsson

1707 Dakota Avenue
South Sioux City, NE 68776
TEL 402.494.3059

EXHIBIT
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January 27, 2023

Papio-Missouri River Natural Resources District
Attn: Mr. Justin Novak
1505 Broadway Street
Dakota City, Nebraska 68731

Re: PMRNRD Rural Water System Improvements
Dakota County, Nebraska - 2022
Olsson Project Number: 020-0660

Mr. Novak:

Bids for the above referenced project were received and opened on Thursday, January 26, 2023. A total of two bids were submitted and have been reviewed. The bids appear to be competitive and near our engineer's estimate for the project.

After review of the bids, it is our recommendation that Notice of Award be given to the apparent low bidder, Penro Construction Company Inc., in the contract amount of \$3,094,108.31. Upon your approval, we will commence with the processing of the contract for the project.

Please do not hesitate to call with any questions, comments, or if any further information or documentation is required. The full bid tab is included with this letter.

Sincerely,

A handwritten signature in blue ink that reads "Matthew Smith". The signature is written in a cursive style with a large, stylized "M" and "S".

Matthew Smith, PE

cc: Anthony Guenther, USDA