



Standing Rock Rural Water System
PO Box 429
Fort Yates, ND 58538-0429

October 5, 2021

Dear Representative Schmidt and Senator Sorvaag,

This letter is sent as a request to be placed on the list of projects for consideration of ND ARPA funding.

The Standing Rock Rural Water System (SRRWS) is a tribal rural water system that will provide high quality drinking water to all of the residents of the Standing Rock Sioux Reservation, both tribal and non-tribal members. Many residents of the Standing Rock Reservation located in North Dakota are not yet connected to the SRRWS; many haul their drinking water even if they have a well because it typically provides limited capacity and poor-quality water.

The Standing Rock Rural Water System was authorized by Congress through the Dakota Water Resources Act of 2000. Annual appropriations from Congress over the last 21 years have only funded construction of approximately half of the planned system to date. Annual appropriations three of the last four years have not even been sufficient to keep pace with inflation.

We have attached a preliminary cost estimate of needed projects located within North Dakota, the majority of which could be shovel ready next spring if funding were available.

Thank you for your consideration, please contact me if you need additional information or would like to discuss further.

Sincerely,

Randez Bailey, Director

cc: B&W – Doug Mund P.E.

SRRWS Improvement Projects

SRRWS System Upgrades Summary	
Cannonball Intermediate BPS	\$ 418,000.00
MM Vault Installations	\$ 742,500.00
Contract 4-3	\$ 9,573,055.47
Contract 4-1 Sch. 1	\$ 2,434,205.72
Total =	\$ 13,167,761.19

Item #	Description	Extension
1	Construction Cost Estimate	\$ 13,167,761
2	EPA Fee @ 1%	\$ 131,678
3	TERO Fee @ 2.5%	\$ 329,194
4	Design Engineering @ 10%	\$ 1,316,776
5	Construction Administration @ 10%	\$ 1,316,776
6	Construction Observation @ 10%	\$ 1,316,776
TOTAL =		\$ 17,578,961

Cannonball/Buffalo Pasture Intermediate Booster Station			
Item Description	Quantity	Unit Price	Total Cost
Booster Pump Station Vault	1	\$ 200,000.00	\$ 200,000.00
Pumps, Motors (430 GPM @ 180')	LS	\$ 100,000.00	\$ 100,000.00
SCADA	LS	\$ 40,000.00	\$ 40,000.00
Site Piping, Bypass & Appurtenances	LS	\$ 40,000.00	\$ 40,000.00
Construction Contingency (10% of Option Cost)		10%	\$ 38,000.00
Total			\$ 418,000.00

SRRWS Master Meter Installation Project			
Item Description	Quantity	Unit Price	Total Cost
Type 6 Master Meter Vault with SCADA	3	\$ 225,000.00	\$ 675,000.00
Construction Contingency (10% of Option Cost)		10%	\$ 67,500.00
Total			\$ 742,500.00

MM to be installed at Prairie Knights Casino, Sitting Bull College & Fort Yates BIA School System

Contract 4-3 North Dakota Portion					
No.	Item	Quantity (ft)	Unit	Unit Price	Cost
1	Meter Pit	75	EA	\$9,000.00	\$675,000.00
3	3" Type 2 PRV	1	EA	\$50,000.00	\$50,000.00
4	1" HDPE SDR7 Pipe	3,750	EA	\$15.00	\$56,250.00
6	2" CL 160 PVC	215,887	LF	\$13.02	\$2,809,812.48
7	2" CL 200 PVC	87,654	LF	\$13.41	\$1,175,256.07
8	2" CL 250 PVC	25,251	LF	\$14.21	\$358,867.21
10	3" CL 160 PVC	63,418	LF	\$15.35	\$973,637.53
11	3" CL 200 PVC	15,341	LF	\$16.18	\$248,148.35
12	3" CL 250 PVC	10,671	LF	\$17.56	\$187,375.29
13	4" CL 160 PVC	27,471	LF	\$20.21	\$555,318.02
14	4" CL 200 PVC	14,095	LF	\$22.08	\$311,283.85
15	6" CL 160 PVC	17,272	LF	\$23.95	\$413,745.58
16	25% of Pipe Cost for Appurtenances			25%	\$1,758,361.09
17	Total of Bid Items		LS		\$9,573,055.47

Contract 4-1 Schedule 1 North Dakota Portion

No.	Item	Quantity (ft)	Unit	Unit Price	Cost
1	Meter Pit	23	EA	\$9,000.00	\$207,000.00
2	Modified Meters	1	EA	\$9,750.00	\$9,750.00
3	3" Type 2 PRV	1	EA	\$50,000.00	\$50,000.00
4	1" HDPE SDR7 Pipe	1,200	EA	\$15.00	\$18,000.00
5	1.5" Sch. 80 PVC	40	LF	\$14.00	\$560.00
6	2" CL 160 PVC	30,472	LF	\$13.02	\$396,599.17
7	2" CL 200 PVC	32,710	LF	\$13.41	\$438,572.41
8	2" CL 250 PVC	16,870	LF	\$14.21	\$239,756.44
9	2" Sch. 80	1,500	LF	\$22.00	\$33,000.00
10	3" CL 160 PVC	11,401	LF	\$15.35	\$175,036.13
11	3" CL 200 PVC	21,590	LF	\$16.18	\$349,229.05
12	3" CL 250 PVC	2,330	LF	\$17.56	\$40,913.17
13	4" CL 200 PVC	10,500	LF	\$22.08	\$231,889.35
14	2" In-Line Valves	20	EA	\$2,700.00	\$54,000.00
15	3" In-Line Valves	2	EA	\$3,200.00	\$6,400.00
16	4" In-Line Valves	2	EA	\$3,700.00	\$7,400.00
17	1.5" Cleanout	15	EA	\$2,000.00	\$30,000.00
18	2" Cleanout/ARV	2	EA	\$2,000.00	\$4,000.00
19	2" Type 1 Road Crossing	1	EA	\$5,500.00	\$5,500.00
20	2" Type 2 Road Crossing	1	EA	\$4,500.00	\$4,500.00
21	2" Type 3 Road Crossing	5	EA	\$2,700.00	\$13,500.00
22	2" Type 4 Road Crossing	15	EA	\$2,600.00	\$39,000.00
23	3" Type 1 Road Crossing	1	EA	\$6,300.00	\$6,300.00
24	3" Type 3 Road Crossing	4	EA	\$3,500.00	\$14,000.00
25	3" Type 4 Road Crossing	5	EA	\$2,700.00	\$13,500.00
26	3" Type 1 Stream Crossing	1	EA	\$5,000.00	\$5,000.00
27	2" Tie-In	9	EA	\$3,500.00	\$31,500.00
28	3" Tie-In	1	EA	\$4,300.00	\$4,300.00
29	4" Tie-In	1	EA	\$5,000.00	\$5,000.00
 					
30	Total of Bid Items		LS		\$2,434,205.72