

OGLALA SIOUX RURAL WATER SUPPLY SYSTEM
7 YEARS FOR 7 GENERATIONS
for
COMMUNITY WATER SYSTEMS UPGRADES
December 2, 2016

Community System	Contract Costs			Non-Contract Costs ¹					Total	Status/ Proposal	Construct	System
	Construction ²	TERO ³	Subtotal	Engineering	Const. Oversight	Program Admin.	Miscellaneous Activities ⁴	Subtotal				
1 Manderson	\$ 446,200	\$ 17,800	\$ 464,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 464,000	See Note 1	FY16	1
2 Oglala North	\$ 788,500	\$ 31,500	\$ 820,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 820,000	See Note 1	FY16	2
3 Sharps Corner	\$ 207,000	\$ 8,300	\$ 215,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 215,300	See Note 1	FY16	3
4 Wounded Knee	\$ 969,000	\$ 46,000	\$ 1,015,000	\$ 174,000	\$ 40,000	\$ 40,000	\$ 61,000	\$ 315,000	\$ 1,330,000	See Note 2	FY17	4
5 Potato Creek	\$ 651,500	\$ 30,000	\$ 681,500	\$ 96,500	\$ 25,000	\$ 40,000	\$ 48,000	\$ 209,500	\$ 891,000	See Note 3	FY17/18	5
6 Wakpamni Lake	\$ 278,500	\$ 13,500	\$ 292,000	\$ 58,000	\$ 10,000	\$ 40,000	\$ 40,000	\$ 148,000	\$ 440,000	See Note 3	FY17/18	6
7 Porcupine	\$ 1,126,000	\$ 52,000	\$ 1,178,000	\$ 169,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 299,000	\$ 1,477,000	See Note 3	FY17/18	7
8 Wolf Creek	\$ 412,000	\$ 19,000	\$ 431,000	\$ 63,000	\$ 15,000	\$ 40,000	\$ 51,000	\$ 169,000	\$ 600,000	See Note 3	FY17/18	8
9 Allen	\$ 1,434,000	\$ 66,000	\$ 1,500,000	\$ 212,000	\$ 50,000	\$ 40,000	\$ 67,000	\$ 369,000	\$ 1,869,000	See Note 4	FY19/20	9
10 Wanblee	\$ 1,585,000	\$ 73,000	\$ 1,658,000	\$ 231,000	\$ 60,000	\$ 40,000	\$ 72,000	\$ 403,000	\$ 2,061,000	See Note 4	FY19/20	10
11 Evergreen	\$ 1,000,000	\$ 46,000	\$ 1,046,000	\$ 145,000	\$ 40,000	\$ 40,000	\$ 65,000	\$ 290,000	\$ 1,336,000	See Note 4	FY20/21	11
12 Kyle	\$ 1,866,000	\$ 85,000	\$ 1,951,000	\$ 270,000	\$ 74,000	\$ 40,000	\$ 100,000	\$ 484,000	\$ 2,435,000	See Note 4	FY20/21	12
13 Red Shirt	\$ 1,367,000	\$ 63,000	\$ 1,430,000	\$ 201,000	\$ 50,000	\$ 40,000	\$ 40,000	\$ 331,000	\$ 1,761,000	See Note 5	FY17/18	13
14 Red Rock	\$ 406,000	\$ 19,000	\$ 425,000	\$ 58,000	\$ 17,000	\$ 40,000	\$ 36,000	\$ 151,000	\$ 576,000	See Note 5	FY17/18	14
15 Martin North	\$ 67,500	\$ 3,000	\$ 70,500	\$ 7,200	\$ 6,300	\$ 7,100		\$ 20,600	\$ 91,100	See Note 5	FY17	15
16 Sunrise	\$ 120,000	\$ 5,500	\$ 125,500	\$ 17,000	\$ 11,300	\$ 12,600		\$ 40,900	\$ 166,400	See Note 5	FY17	16
17 North Pine Ridge Village	\$ 3,000,000	\$ 137,700	\$ 3,137,700	\$ 442,500	\$ 282,400	\$ 313,800		\$ 1,038,700	\$ 4,176,400	See Note 6	FY21/22	17
18 South Pine Ridge Village	\$ 3,500,000	\$ 159,400	\$ 3,659,400	\$ 485,000	\$ 329,300	\$ 365,900		\$ 1,180,200	\$ 4,839,600	See Note 6	FY21/22	18
19 Oglala Community	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	See Note 7	FY22	19

SUBTOTAL \$ 19,224,200 \$ 875,700 \$ 2,629,200 \$ 1,050,300 \$ 1,139,400

TOTAL CONTRACT COSTS \$ 20,099,900

TOTAL NON-CONTRACT COSTS

\$ 5,448,900

TOTAL PROJECT COSTS (ROUNDED)

\$ 25,550,000

MINUS PROJECT FUNDING PROCURED

Manderson \$ (464,000)

Oglala North \$ (820,000)

Sharps Corner \$ (215,300)

TOTAL PROJECT COSTS

\$ 24,050,700

Stage 1 Projects
Stage 2 Projects
Stage 3 Projects
Stage 4 Projects

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COST COLUMN NOTES

- 1 Non-Contract Costs will vary dependent upon feasibility of combining multiple systems into single design and construction projects.
- 2 Replacement costs for asbestos – cement (A-C)
- 3 Includes TERO fee for Construction and Engineering.
- 4 Cultural Resources, Haz. Mat. Surveys, GIS Post-Construction, and Additional Engineering Services (Sanitary sewer cleaning/video inspection and reservoir inspection). Miscellaneous Activities costs for Communities 15 through 19 will be provided upon completion of the Preliminary Engineering Report.

COMMUNITY SYSTEM NOTES

- 1 IHS projects. Project designs are 70% complete. Bid package completion is projected for the end of December with the projects being bid in January or February, 2017 and awarded March or April, 2017. All three sites to be combined into a single project with proposed Spring 2017 construction.
- 2 OSRWSS has prepared Preliminary Engineering Report for Wounded Knee, with OSRWSS funds, to supplement USDA Rural Development design/construction funding application. WM&C submitted initial application in April 2016. Application resubmitted in August 2016 as part of the Stage 2 application. Costs reflect PER cost estimates and are included in funding application budget.
- 3 OSRWSS has prepared Preliminary Engineering Reports for Potato Creek, Wakpamni Lake, Porcupine, and Wolf Creek, with OSRWSS funds, to supplement USDA Rural Development design/construction funding application. WM&C submitted application in September 2016 as part of the Stage 2 application. Costs reflect PER cost estimates and are included in funding application budget.
- 4 WM&C has prepared Preliminary Engineering Reports for Allen, Wanblee, Evergreen, and Kyle, with USBR Native American Affairs Grant Program funding, to supplement USDA Rural Development design/construction funding application. WM&C submitted Allen and Wanblee application in September 2016 as part of the Stage 2 application. Costs for Allen and Wanblee reflect PER cost estimates and are included in funding application budget. Evergreen and Kyle to be submitted in December 2016 as part of Stage 3 application. Costs for Evergreen and Kyle reflect PER cost estimates and will be included in the funding application budget.
- 5 WM&C's engineering consultant will prepare Preliminary Engineering Reports for Martin North and Sunrise utilizing Native American Affairs Grant Program funding . The draft Red Shirt Report and Red Rock Report are completed. PERs will supplement design/construction funding application to USDA Rural Development. Funding application will be submitted in January 2017 as part of Stage 3 application. Project costs for Red Shirt include construction of a 77,000 gallon reservoir to provide fire protection for the residential area. The current water system currently includes no storage for this isolated community. Discussions are suggested to establish storage necessities for the residential area, school, both, or neither. Costs for Red Shirt and Red Rock reflect PER cost estimates and will be included in the funding application budget. Costs for Martin North and Sunrise will be updated upon completion of the PER.
- 6 WM&C's engineering consultant will prepare a Preliminary Engineering Report for Pine Ridge Village utilizing Native American Affairs Grant Program funding. PER will supplement USDA Rural Development design/construction funding application to USDA Rural Development. Funding application will be submitted in March 2017 as part of Stage 4 application. Costs will be updated upon completion of the PER. Several entities including USBR, HUD, BIA, IHS, EPA, BIE, and etc. are responsible for various portions of the overall Pine Ridge Village distribution system within their respective areas. Proposed that the Interagency Group plan and secure design and construction funding.
- 7 USBR has conducted a system assessment. WM&C has requested USBR Native American Affairs Grant Program funding for preparation of a Preliminary Engineering Report for Oglala Community. WM&C's engineering consultant has agreed to initiate PER without secured funding. Costs will be provided upon completion of the PER. A funding application for design/construction will be submitted to USDA Rural Development in March 2017 or to HUD ICDBG for design and construction.

GENERAL NOTES

- 1 Costs shown are relative only to system upgrade construction costs. Operation, maintenance, and replacement (OM&R) costs for these systems, once transferred to Water Maintenance and Conservation, are not included. Funding sources for OM&R will need to be identified and secured, in accordance with the Cooperative Agreement between OST and USBR as authorized by the Mni Wiconi Act.
- 2 The following systems are eligible for IHS regular funding: Porcupine, Wanblee, Kyle, Pine Ridge Village and Oglala Communities.
- 3 Project costs shown for Communities 4 through 14 reflect costs associated with the respective PERs. Project costs shown for Communities 15 through 19 are based on initial system assessments, however they will be updated upon completion of the respective PERs. Project costs for Oglala Community is not provided since no system assessment/initial cost estimate was prepared; costs will be provided upon completion of the Preliminary Engineering Report.