



Navajo Gallup Water Supply Project
BBN9 Reach 10.2.1
90% Draft Quantity Summary

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
General and Miscellaneous					
1	Mobilization (75%) / demobilization (25%).	LS	1		
2	Testing allowance, (reimbursable lab fees only, incl. compaction, concrete, materials, water quality. Excludes bacteriological lab test fees).	Allow.	1	\$50,000.00	
3	Traffic control, per county and BIA requirements.	LS	1		
Erosion and Storm Water Controls					
4	Standing Rock Tank #1 Site Wire-caged riprap (item includes rock, wire cage, geotextile, and staking) or cable concrete. Final quantities, dimensions and locations TBD in field, CIP.	CY	7		
5	Uncaged riprap and rock check dams, final quantities, dimensions and locations TBD in field, CIP	CY	26		
6	Re-seeding of waterline ROW and TCE, CIP.	LF	21,711		
7	Re-seeding of sites, CIP	LS	2		
8	SWPPP pursuant to NPDES stormwater program and consistent with USEPA's general construction permit. Includes preparation of document, implementation of all BMPs required by SWPPP, filing of all notices and inspections required by EPA, etc.	LS	1		
Water Mainline					
9	6-inch PVC DR 18 C900 Pipeline, with appurtenances, CIP. Includes fusible or bell and spigot joint as indicated on plans and specifications.	LF	21,711		
10	Flushing, disinfection and bacteriological testing, CIP.	LF	21,711		
11	Hydrostatic testing of main pipeline, CIP	LF	21,711		
12	Rock removal and processed / imported backfill material (excludes placement and compaction of backfill, embedment, or soil cement, which are incidental to pipe bid items), CIP.	VLF	21,711		
Water Valve Assemblies					
13	6-inch Gate valve assembly, CIP	EA	5		
14	6-inch Gate valve assembly, CIP, at Standing Rock Tank #1 site.	EA	4		
15	4-inch Gate valve assembly, CIP, at Standing Rock Tank #1 site.	EA	2		
16	6-inch Butterfly valve assembly with slow-closing actuator, CIP	EA	1		
17	6-inch Gate valve assembly, CIP, at Standing Rock Tanks #2 and #3 site.	EA	2		
18	2-inch flush valve assembly with above-grade discharge, CIP.	EA	3		
19	1-inch Combination air valve assembly with enclosure, CIP	EA	21		
20	Spare valves per technical specification 33 12 16, CIP.	LS	1		
Road and Gasline Crossings					
21	12-inch diameter 0.25-inch wall steel cased road crossings, incl. steel casing and end seals, CIP. Excludes carrier pipe.	LF	120		
22	Gas/petroleum line crossing location and exposure of gas lines per gas company requirements, CIP.	EA	12		
23	Gas/petroleum line crossing, incl. 12-inch diameter DR18 PVC petroleum-resistant casing, with petroleum-resistant gaskets and end seals, CIP. Covers all co-located petroleum lines. Excludes carrier pipe.	LF	240		



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Standing Rock Tank #1 Site Work					
24	Site earthwork and grading for sub-foundation, pads and driveways, incl. all earthwork and imported fill material, and material removal within the ROW for the Standing Rock Tank #1 site not separately listed, per plans, specifications and geotechnical report, CIP. Excludes surfacing material and riprap.	LS	1		
25	Standing Rock Tank #1 site piping, (incl. all new plumbing components for the Standing Rock Tank #1 site and drain lines not separately listed), CIP. Excludes isolation valves, air valves, and main line.	LS	1		
26	Concrete walkways and all other site concrete work not separately listed, CIP	LS	1		
27	Pressure Transducer vault, (incl. structure and wetted components), CIP. Excludes electrical.	LS	1		
28	Tie-in to existing Standing Rock CWS, CIP	LS	1		
29	Penetration of Existing Tank, CIP	EA	1		
30	Filling, disinfection, and bacteriological testing of tank, CIP.	EA	1		
Chlorinator Building					
31	Chlorinator building, (incl. all structural elements), CIP.	LS	1		
32	Chlorinator building plumbing, CIP.	LS	1		
33	Chlorinator building foundation, CIP	LS	1		
34	Gas chlorination equipment, CIP.	LS	1		
Booster Station					
35	Booster Station building, (incl. all structural elements), CIP.	LS	1		
36	Booster Station building plumbing, CIP.	LS	1		
37	Booster Station building foundation, CIP	LS	1		
38	Skid mounted booster pump assembly, CIP.	LS	1		
39	53 Gallon surge tank incl. all piping, fittings, and appurtenances not separately listed, CIP	LS	1		
Standing Rock Tanks #2 and #3 Site Work					
40	Site earthwork and grading, CIP. Excludes surfacing material and riprap.	LS	1		
41	Standing Rock Tanks #2 and #3 site piping, (incl. all new plumbing components at the Standing Rock Tanks #2 and #3 site and drain lines not separately listed), CIP. Excludes gate valves, air valves, and main line.	LS	1		
42	Pressure Transducer vault, (incl. structure and wetted components), CIP. Excludes electrical.	LS	1		
43	Tie-in to existing Standing Rock CWS, CIP	LS	1		
General Site Work					
44	Standing Rock Tank #1 Site surfacing with 2-inch gravel and 3-inch base course, CIP.	CY	36		
45	Standing Rock Tank #1 Site surfacing with 3-inch gravel, CIP.	CY	100		
46	Standing Rock Tank #1 site Access road surfacing with 6-inch NMDOT specification base course, CIP.	CY	85		
47	Standing Rock #1 Tank Site Fencing (8 ft. with 3-strand barbed wire), incl. two (2) 20' double swinging gates and removal of existing fence and gates, CIP.	LF	260		
48	Standing Rock Tank #2 & #3 Site surfacing with 3-inch gravel, CIP.	CY	125		



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Electrical					
49	Standing Rock Tank #1 site electrical, CIP. Includes meter pole and socket. Excludes SCADA equipment listed separately and primary pole, primary conductor, transformer and meter provided by utility.	LS	1		
50	Chlorination building electrical/ HVAC, CIP.	LS	1		
51	Booster Station building electrical/ HVAC, CIP.	LS	1		
52	SCADA equipment for Standing Rock Tank #1 site, CIP	LS	1		
53	Standing Rock Tanks #2 and #3 site electrical, CIP. Includes meter pole and socket. Excludes SCADA equipment listed separately and primary pole, primary conductor, transformer and meter provided by utility.	LS	1		
54	Pressure Transducer vault electrical, CIP.	EA	2		
55	SCADA equipment for Standing Rock Tank #2 and #3 site, CIP	LS	1		
56	SCADA programming allowance, programming sub-contractor to be selected by Owner, CIP	Allow	1	\$50,000.00	
Powerlines					
57	Standing Rock Tank #1 Powerline Service Allowance	Allow	1	\$62,500.00	
58	Standing Rock Tanks #2 and #3 Powerline Service Allowance	Allow	1	\$62,500.00	

TOTAL OF BASE BID:

\$ _____

Tax not included

IN WORDS
