



Navajo Gallup Water Supply Project
BBN9 Reach 10.1
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		
3	Traffic control, per county and BIA requirements.	LS	1		
Erosion and Storm Water Controls					
4	Wire-caged riprap (item includes rock, wire cage, geotextile, and staking) or cable concrete. Final quantities, dimensions and locations TBD in field, CIP.	SY	37		
5	Re-seeding of waterline ROW and TCE, CIP.	LF	56,950		
6	Re-seeding of Pumping Plant 12 Forebay Tank site, CIP	LS	1		
7	Re-seeding of Reach 10.1 Surge Tank site, CIP	LS	1		
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	16-inch PVC DR 18 C900 Pipeline, with appurtenances, CIP. Includes fusible or bell and spigot joint as indicated on plans and specifications.	LF	56,950		
10	Tie in connection to Reach 9, including 48"x16"x48" cement lined steel cross, blow off valve, air valve, 48" BFV with 6" bypass, CIP.	LS	1		
11	Flushing, disinfection and bacteriological testing, CIP.	LF	56,950		
12	Hydrostatic testing of main pipeline, CIP	LF	56,950		
13	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	45,560		
Water Valve Assemblies					
14	16-inch Butterfly valve with bypass assembly with slow-close actuator at Sta. 00+20, CIP.	EA	1		
15	16-inch Butterfly valve with bypass assembly and standard actuator on mainline, CIP.	EA	12		
16	16-inch Butterfly valve w/o bypass assembly at PP12 Forebay Tank site, CIP.	EA	4		
17	8-inch butterfly valve w/o bypass assembly with slow-close actuator at PP12 Forebay Tank site, CIP	EA	1		
18	12-inch Gate valve assembly at PP12 Forebay Tank site, CIP	EA	2		
19	8-inch Gate valve assembly at PP12 Forebay Tank site, CIP	EA	2		
20	6-inch Gate valve assembly at surge tank site, CIP	EA	1		
21	4-inch flush valve assembly with above- grade discharge, CIP.	EA	6		
22	4-inch flush valve assembly and 4-inch drain line with wash outfall at surge tank site, CIP	EA	1		
23	2-inch vacuum breaker with 1-inch air release valve assembly with enclosure, CIP	EA	35		

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
Cathodic Protection					
24	Cathodic protection of flush valve assemblies, CIP.	EA	4		
25	Cathodic protection of 16" Butterfly valve assemblies, CIP.	EA	6		
26	Cathodic protection of 2-inch vacuum breaker with 1-inch air release valve assemblies, CIP.	EA	16		
27	Cathodic protection of 30-inch steel road casing, CIP	EA	1		
Road Crossings					
28	30-inch diameter 0.375-inch wall open cut cased road crossings, incl. steel casing and end seals, CIP. Excludes carrier pipe.	LF	150		
Surge Tank and Site Work					
29	Surge tank building, incl. doors, hardware, floor drains, slab, foundation, tie-ins, and all other structural elements not separately listed, CIP.	LS	1		
30	1,057 Gallon surge tank incl. all piping, fittings, and appurtenances not separately listed, CIP.	LS	1		
31	Surge tank building piping, CIP.	LS	1		
32	Surge tank site piping, CIP. Excludes gate valves, and 16-inch main line beyond the tee.	LS	1		
33	Concrete driveways, walkways, and all other site concrete work not separately listed, CIP.	LS	1		
Control Valve Vault					
34	Prefabricated Control Valve Vault (8" combination altitude and flow control valve, 1/2" ARV valves, H style strainer, pressure transducer, all structural elements, and wetted components), CIP.	LS	1		
Pumping Plant 12 Forebay Tank and Site Work					
35	75,000 gallon welded steel water storage tank, painting of tank with impressed current cathodic protection system per Sections 33 16 19, 09 97 14 and 26 42 10, including installation, energizing, adjusting, and testing, CIP.	EA	2		
36	Tank foundation for 75,000 gallon welded steel tank, CIP.	EA	2		
37	Filling, disinfection, and bacteriological testing of new 75,000 gallon tank, CIP.	EA	2		
38	Site earthwork and grading for sub-foundation, pads and driveways, CIP. Excludes surfacing material and riprap.	LS	1		
39	Pumping Plant 12 Forebay Tank site piping, (incl. all new plumbing components within the site easement, drain lines and drain line ROWs not separately listed), CIP. Excludes gate valves, air valves, and main line in/out of the Tank(s).	LS	1		
General Site Work					
40	Surge tank site access road surfacing with 3-inch NMDOT specification base course, CIP.	SY	417		
41	Surge tank site surfacing 2-inch gravel over 3-inch NMDOT specification base course, CIP.	SY	271		
42	Surge Tank Site Fencing (8 ft. with 3-strand barbed wire), incl. 20' double swinging gates and removal of existing fence and gates, CIP.	LF	220		
43	PP12 Tank Site Fencing (8 ft. with 3-strand barbed wire), incl. 20' double swinging gates and removal of existing fence and gates, CIP.	LF	166		
44	PP12 Tank Site Temporary Fencing (8 ft.), and removal of existing fence and gates, CIP.	LF	119		

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
Electrical					
45	Surge tank site and building electrical/ HVAC, CIP. Includes meter pole and socket. Excludes SCADA equipment listed separately and primary pole, primary conductor, transformer and meter provided by utility.	LS	1		
46	SCADA equipment for Surge Tank site, CIP	LS	1		
47	SCADA programming allowance, programming sub-contractor to be selected by Owner, CIP	Allow	1		
Powerlines					
48	Powerline Service Allowance	Allow	1		

TOTAL OF BASE BID: \$ _____
Tax not included

IN WORDS: _____

BID ALTERNATES

Note: Tax not included.

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
35A	75,000 gallon glass-fused bolted steel water storage tank with passive anode cathodic protection system per Section 33 16 21, including installation, energizing, adjusting, and testing, CIP.	EA	2		
36A	Tank foundation for 75,000 gallon glass-fused bolted steel tank, CIP.	EA	2		

TOTAL OF BID WITH BID ALTERNATES: \$ _____
Tax not included
(Including Base Bid total, substituting Bid Alternate items 35A & 36A for Base Bid Items 35 & 36)

IN WORDS: _____