



Navajo Gallup Water Supply Project
BBN9 Reach 10.2
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 at Pumping Plant 12 site. Final quantities, dimensions and locations TBD in field, CIP.	SY	34		
5	Rock check dams, final quantities, dimensions and locations TBD in field, CIP	CY	34		
6	Wire-caged riprap (item includes rock, wire cage, geotextile, and staking) or cable concrete at Pumping Plant 13 site. Final quantities, dimensions and locations TBD in field, CIP.	SY	34		
7	Re-seeding of waterline ROW and TCE, CIP.	LF	44,976		
8	Re-seeding of Pumping Plant 12 site, CIP	LS	1		
9	Re-seeding of Pumping Plant 13 Forebay Tank site, CIP	LS	1		
10	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					
11	16-inch PVC DR 14 C900 Pipeline, with appurtenances, CIP. Includes fusible or bell and spigot joint as indicated on plans and specifications.	LF	4,189		
12	16-inch PVC DR 18 C900 Pipeline, with appurtenances, CIP. Includes fusible or bell and spigot joint as indicated on plans and specifications.	LF	40,449		
13	Horizontal Directional Drilling at wash crossing, including 16-inch PVC DR 18 carrier pipe and all activities for construction, CIP.	LF	338		
14	Flushing, disinfection and bacteriological testing, CIP.	LF	44,976		
15	Hydrostatic testing of main pipeline, CIP	LF	44,976		
16	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	17,990		
Water Valve Assemblies					
17	24" Butterfly valve without bypass assembly at Pumping Plant 13 Site, CIP.	EA	3		
18	16-inch Butterfly valve with bypass assembly, CIP.	EA	11		
19	16-inch Butterfly valve without bypass assembly (site valves), CIP.	EA	5		
20	8-inch Gate valve assembly (site valve), CIP	EA	2		
21	4-inch Gate valve assembly (site valve), CIP	EA	1		
22	4-inch flush valve assembly with above- grade discharge, CIP.	EA	9		
23	2-inch vacuum breaker with 1-inch air release valve assembly with enclosure, CIP	EA	35		
24	Pressure Transducer vault, CIP.	EA	1		
25	Turnout assembly to Reach 10.2.1, including mainline tee, PVC stub out, gate valve, end cap, etc., CIP.	LS	1		
26	Spare Parts, CIP.	LS	1		



Navajo Gallup Water Supply Project
BBN9 Reach 10.2
90% Draft Quantity Summary

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
Cathodic Protection					
27	Cathodic protection of flush valve assemblies, CIP.	EA	2		
28	Cathodic protection of 16" Butterfly valve assemblies, CIP.	EA	2		
29	Cathodic protection of 2-inch vacuum breaker with 1-inch air release valve assemblies, CIP.	EA	2		
Road and Utility Crossings					
30	30-inch diameter 0.375-inch wall open cut cased road crossings, incl. steel casing and end seals, CIP. Excludes carrier pipe.	LF	210		
31	30-inch diameter 0.375-inch wall Bore and Jack cased road crossings, incl. steel casing and end seals, CIP. Excludes carrier pipe.	LF	160		
32	Waterline line crossing location and exposure of waterlines per utility company requirements, CIP.	LS	1		
33	Gas/petroleum line crossing location and exposure of gas lines per gas company requirements, CIP.	EA	5		
34	Gas/petroleum line crossing, incl. 30-inch casing, with petroleum-resistant gaskets and end seals, CIP. Covers all co-located petroleum lines. Excludes carrier pipe.	LF	140		
Pumping Plant 12 Pump and Surge Tank Site					
35	Prefabricated pump station with plumbing tie-ins and all appurtenances, CIP	EA	1		
36	Pump station foundation and interior slab, with tie-ins and appurtenances, CIP	EA	1		
37	Surge tank building, incl. doors, hardware, floor drains, and all other structural elements not separately listed, CIP	EA	1		
38	Surge tank building foundation and interior slab, with tie-ins and appurtenances, CIP	EA	1		
39	5,811 gallon surge tank incl. all piping, fittings, and appurtenances not separately listed, CIP	EA	1		
40	Concrete driveways, walkways, HVAC pad, transformer pad, and all other site concrete work not separately listed, CIP	EA	1		
41	Site earthwork and grading for sub-foundations, pads and driveways, incl. all earthwork and imported fill material, and material removal within the ROW for the pump station and surge tanks not separately listed, per plans, specifications and geotechnical report, CIP. Excludes surfacing material and riprap.	EA	1		
42	Pumping Plant 12 site 4-inch drainline with appurtenances, CIP.	LF	1039		
43	Pumping Plant 12 site 4-inch flush drainline with appurtenances, CIP.	LF	586		
Pumping Plant 13 Forebay Tanks and Site Work					
44	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		
45	Tank foundation for 75,000 gallon welded steel tank, CIP.	EA	2		
46	Filling, disinfection, and bacteriological testing of new 75,000 gallon tank, CIP.	EA	2		
47	Site earthwork and grading for sub-foundation, pads and driveways, CIP. Excludes surfacing material and riprap.	LS	1		
48	Pumping Plant 13 site 8-inch drainline with appurtenances, CIP.	LF	620		
49	Pumping Plant 13 site 16-inch drainline with appurtenances, CIP.	LF	515		



Navajo Gallup Water Supply Project
BBN9 Reach 10.2
90% Draft Quantity Summary

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
General Site Work					
50	Pumping Plant 12 Tank site surfacing with 6-inch NMDOT specification base course, CIP.	SY	1,426		
51	Pumping Plant 12 Forebay Tank site surfacing 2-inch gravel over 3-inch NMDOT specification base course, CIP.	SY	1,325		
52	Pumping Plant 13 site surfacing with 3-inch NMDOT specification base course, CIP.	SY	575		
53	Pumping Plant 12 Site fencing (8 ft. with 3-strand barbed wire), incl. 20' double swinging gates and removal of existing fence and gates, CIP.	LF	475		
54	Pumping Plant 13 Forebay Tank Site fencing (8 ft. with 3-strand barbed wire), incl. 20' double swinging gates and removal of existing fence and gates, CIP.	LF	316		
Electrical					
55	Pump & surge tank site electrical (incl. power to pump station and surge tank buildings, primary conduit, and guard posts, grounding, control wiring between pump station and surge tank bldg, tank pressure transducer and wiring to building, and all other electrical equipment not separately listed), CIP. Excludes primary pole, primary conductor, transformer and meter provided by utility.	EA	1		
56	Surge tank building electrical (incl. power, main disconnect, breakers, lightning protection, grounding, alarm system, solenoid system, control wiring, pressure transducers, lighting, HVAC, TVSS, and all other electrical equipment not separately listed, CIP	EA	1		
57	Pump station building electrical, incl. power supply, exterior main disconnect, TVSS, alarm system, lightning protection, SCADA panel, SCADA connection and all other electrical equipment not separately listed or included in pump station bid item, CIP. Excludes electrical components included in pre-fab pump station bid item.	EA	1		
58	SCADA equipment for pump station site, including radios, RTU/PLCs, antennas, antenna masts, and all other SCADA equipment not separately listed, CIP	EA	1		
59	SCADA programming allowance, programming sub-contractor to be selected by Owner, CIP	EA	1		
Powerlines					
60	Powerline Service Allowance	Allow	1		

TOTAL OF BASE BID:
Tax not included

\$ _____

BID ALTERNATES

Note: Tax not included.

None