



Navajo Gallup Water Supply Project, Reach 26.3

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.	CY	81		
5	Uncaged riprap and rock check dams, final quantities, dimensions and locations TBD in field, CIP	CY	33		
6	Re-seeding of waterline ROW and TCE, CIP.	LF	49,214		
7	Re-seeding of Reach 26.3 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	10-inch PVC DR 18 C900 Pipeline, with appurtenances, CIP. Includes fusible or bell and spigot joint as indicated on plans and specifications.	LF	15,316		
10	Horizontal Directional Drilling at wash crossing, including 10-inch PVC DR 18 carrier pipe and all activities for construction, CIP.	LF	849		
11	12-inch PVC DR 18 C900 Pipeline, with appurtenances, CIP. Includes fusible or bell and spigot joint as indicated on plans and specifications.	LF	32,623		
12	Horizontal Directional Drilling at wash crossing, including 12-inch PVC DR 18 carrier pipe and all activities for construction, CIP.	LF	391		
13	6-inch PVC DR 18 C900 Pipeline, with appurtenances, CIP. Includes fusible or bell and spigot joint as indicated on plans and specifications.	LF	35		
14	Flushing, disinfection and bacteriological testing, CIP.	LF	49,214		
15	Hydrostatic testing of main pipeline, CIP	LF	49,214		
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	23,000		
Water Valve Assemblies					
17	10-inch Gate valve assembly, CIP.	EA	6		
18	12-inch Gate valve assembly, CIP.	EA	12		
19	8-inch Gate valve assembly, CIP	EA	4		
20	6-inch Gate valve assembly, CIP	EA	7		
21	2-inch Gate valve assembly, CIP	EA	1		
22	2-inch flush valve assembly with above- grade discharge, CIP.	EA	5		
23	2-inch vacuum breaker with 1-inch air release valve assembly with enclosure, CIP	EA	38		
24	Tie-in to existing Torreon Loop system, CIP.	LS	1		
Cathodic Protection					
25	Cathodic protection of flush valve assemblies, CIP.	EA	2		
26	Cathodic protection of 10" gate valve assemblies, CIP.	EA	1		



Navajo Gallup Water Supply Project, Reach 26.3

90% Draft Quantity Summary

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
27	Cathodic protection of 12" gate valve assemblies, CIP.	EA	3		
28	Cathodic protection of 18-inch steel road casing, CIP	EA	1		
Road and Gas Line Crossings					
29	18-inch open cut cased road crossings, incl. steel casing and end seals, CIP. Excludes carrier pipe.	LF	380		
30	24-inch open cut cased road crossings, incl. steel casing and end seals, CIP. Excludes carrier pipe.	LF	70		
31	Gas/petroleum line crossing location and exposure of gas lines per gas company requirements, CIP.	EA	6		
32	Gas/petroleum line crossing, incl. 24-inch casing, with petroleum-resistant gaskets and end seals, CIP. Covers all co-located petroleum lines. Excludes carrier pipe.	LF	160		
Control Valve Vault					
33	Prefabricated Control Valve Vault (incl. 6" and 2" combination pressure reducing and pressure sustaining valves, 6" pressure relief valve, 1/2" ARV valves, all structural elements, and wetted components), CIP.	LS	1		
34	6-inch flush valve / drain assembly directly upstream of Control Valve Vault including both 6" PVC DR18 C900 and 4" PVC DR18 C900 drainline, orifice plate, relief valve drainline tie-in, 20 LF ductile pipe and rubber check valve, CIP. Excludes 6" gate valve.	EA	1		
Reach 26.3 Tank and Site Work					
35	250,000 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		
36	Tank foundation for 250,000 gallon glass-fused bolted steel tank, CIP.	EA	2		
37	Filling, disinfection, and bacteriological testing of new 250,000 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	Reach 26.3 Tank site piping, (incl. all new plumbing components within the site and drain line ROWs not separately listed), CIP. Excludes gate valves, air valves, pressure transducer vault, and 12- and 10-inch main line.	LS	1		
40	Pressure Transducer vault, (incl. structure and wetted components), CIP. Excludes electrical.	LS	1		
Chlorination Facilities at Reach 26.3 Tank Site					
41	Chlorinator building, (incl. all structural elements), CIP.	LS	1		
42	Chlorinator building plumbing, CIP.	LS	1		
43	Gas chlorination equipment, CIP.	LS	1		
General Site Work					
44	Tank site surfacing with 2-inch gravel and 3-inch NMDOT specification base course, CIP.	SY	1,885		
45	Tank site Access road surfacing with 6-inch NMDOT specification base course, CIP.	SY	1,095		
46	Fencing (8 ft. with 3-strand barbed wire), incl. 20' double swinging gates and removal of existing fence and gates, CIP.	LF	555		
Electrical					



Navajo Gallup Water Supply Project, Reach 26.3

90% Draft Quantity Summary

ITEM NO.	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
47	Reach 26.3 tank 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		
48	Chlorination building electrical/ HVAC, CIP.	LS	1		
49	Pressure Transducer vault electrical, CIP.	LS	1		
50	SCADA equipment for Reach 26.3 tank site, CIP	LS	1		
51	SCADA programming allowance, programming sub-contractor to be selected by Owner, CIP	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	250,000 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		
36A	Tank foundation for 250,000 gallon welded 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: _____
