

Navajo Gallup Water Supply Project BBN9 Reach 10.2

90% Draft Quantity Summary

ITEM			EST.		
NO.	ITEM DESCRIPTION	UNIT	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	Allow.	1		
	fees).				
3	Traffic control, per county and BIA requirements.	LS	1		
Erosion	and Storm Water Controls		1		
	Wire-caged riprap (item includes rock, wire cage, geotextile, and				
4	staking) or cable concrete at Pumping Plant 12 site. Final quantities,	SY	34		
	dimensions and locations TBD in field, CIP.				
5	Rock check dams, final quantities, dimensions and locations TBD in	CY	34		
	field, CIP				
	Wire-caged riprap (item includes rock, wire cage, geotextile, and	.			
6	staking) or cable concrete at Pumping Plant 13 site. Final quantities,	SY	34		
	dimensions and locations TBD in field, CIP.		44.076		
7	Re-seeding of waterline ROW and TCE, CIP.	LF	44,976		
<u>8</u> 9	Re-seeding of Pumping Plant 12 site, CIP	LS	1		
9	Re-seeding of Pumping Plant 13 Forebay Tank site, CIP	LS	1		
	SWPPP pursuant to NPDES stormwater program and consistent with				
10	USEPA's general construction permit. Includes preparation of	LS	1		
	document, implementation of all BMPs required by SWPPP, filing of all				
10/-1 0	notices and inspections required by EPA, etc.				
Water N	nainline				
11	16-inch PVC DR 14 C900 Pipeline, with appurtenances, CIP. Includes	1.5	4 100		
1 11	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	LF	40,449		
	fusible or bell and spigot joint as indicated on plans and specifications.		,		
13	Horizontal Directional Drilling at wash crossing, including 16-inch PVC	LF	338		
	DR 18 carrier pipe and all activities for construction, CIP.				
14	Flushing, disinfection and bacteriological testing, CIP.	LF	44,976		
15	Hydrostatic testing of main pipeline, CIP	LF	44,976		
	Rock removal and processed / imported backfill material (excludes				
16	placement and compaction of backfill, embedment, or soil cement,	VLF	17,990		
	which are incidental to pipe bid items), CIP.				
Water V	alve Assemblies		ı		1
17	24" Butterfly valve without bypass assembly at Pumping Plant 13 Site,	EA	3		
	CIP.				
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	EA	35		
24	enclosure, CIP	ΕΛ	1		
24	Pressure Transducer vault, CIP. Turnout assembly to Reach 10.2.1, including mainline tee, PVC stub	EA	1		
25	out, gate valve, end cap, etc., CIP.	LS	1		
26	Spare Parts, CIP.	LS	1		
	operation on the	LJ			I.



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NO. Cathodic protection 27 Cathodic protection of flush valve assemblies, CIP. 28 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 29 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 29 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 20 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 20 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 20 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 20 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 20 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 21 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 22 Cathodic protection of 18-9 Butterfly valve assemblies, CIP. 30 Gand Mutifier Cossing and end seals, CIP. Excludes carrier pipe. 31 Incl. steel casing and end seals, CIP. Excludes carrier pipe. 32 Cathodic protection in a exposure of waterlines per utility company requirements, CIP. 33 Gas/pertoleum line crossing location and exposure of gas lines per gas company requirements, CIP. 34 Cassing particular line crossing location and exposure of gas lines per gas exposure company requirements, CIP. 35 Carportoleum line crossing location and exposure of gas lines per gas exposure company requirements, CIP. 36 Cassing particular lines exposure of gas lines per gas exposure gas lines. 36 Pumping Plant 12 Pump and Surge Tank Site 27 Prefabricated pump station with plumbing tie-ins and all appurtenances, CIP. 38 Pump station foundation and interior slab, with tie-ins and appurtenances, CIP. 39 Surge tank building foundation and interior slab, with tie-ins and gapurtenances, CIP. 30 Surge tank building foundation and interior slab, with tie-ins and appurtenances, CIP. 31 Surge tank building foundation and interior slab, with tie-ins and appurtenances, CIP. 30 Surge tank building foundation and interior slab, with tie-ins and exposure gas and butter gas and butter gas butt	ITEM	ITEM DESCRIPTION	UNIT	EST.	UNIT PRICE	TOTAL PRICE
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49 Pumping Plant 13 site 16-inch drainline with appurtenances, CIP. LF 515		· · ·				
1 1 1 1	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	ITEM DESCRIPTION	UNIT	EST.	UNIT PRICE	TOTAL PRICE
NO.	Site Work		QTY.		
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		
	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		
Electrica		L			
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		
Powerlir					
60	Powerline Service Allowance	Allow	1		

	separately listed, CIP						
59	SCADA programming allowance, programming sub-contractor to be	EA	1				
	selected by Owner, CIP						
Powerlin	Powerlines						
60	Powerline Service Allowance	Allow	1				
	TOTAL OF BASE BID:	\$					
	Tax not included						
BID ALT	ERNATES						

None

Note: Tax not included.