

**Aztec Reservoir #1 Improvements**

**Bid Tabulation**

Project #: 20220380  
Date: 12/20/2023

Bid Item	Item ID #	Description	Unit	Quantity	Engineer's OPC		Sychar, LLC		Meridian Contracting, Inc.		JHL Constructors, Inc.		% Total of Low Bid
					Cost/Unit	Extension	Cost/Unit	Extension	Cost/Unit	Extension	Cost/Unit	Extension	
1		Construction Surveying, Staking and As-Built Preparation, compl.	LS	1	\$79,000.00	\$79,000.00	\$76,992.50	\$76,992.50	\$100,000.00	\$100,000.00	\$38,000.00	\$38,000.00	3%
2		Construction Mobilization, compl.	LS	1	\$158,000.00	\$158,000.00	\$6,777.39	\$6,777.39	\$300,000.00	\$300,000.00	\$605,027.00	\$605,027.00	0%
3		Construction Demobilization, compl.	LS	1	\$35,000.00	\$35,000.00	\$6,777.39	\$6,777.39	\$45,000.00	\$45,000.00	\$67,225.09	\$67,225.09	0%
4		Construction Traffic Control & Barricading, compl.	LS	1	\$111,000.00	\$111,000.00	\$15,000.00	\$15,000.00	\$35,000.00	\$35,000.00	\$1,300.00	\$1,300.00	1%
5		NPDES compliance, development and implementation of Stormwater Pollution Prevention Plans and Water Control Plans, cip	LS	1	\$32,000.00	\$32,000.00	\$26,894.07	\$26,894.07	\$35,000.00	\$35,000.00	\$26,000.00	\$26,000.00	1%
6		Seeding: Hydro-mulch, cip.	AC	1	\$3,000.00	\$3,000.00	\$5,229.57	\$5,229.57	\$5,000.00	\$5,000.00	\$4,300.00	\$4,300.00	0%
7		Clearing and grubbing, compl.	AC	2.5	\$5,000.00	\$12,500.00	\$5,088.19	\$12,720.48	\$15,000.00	\$37,500.00	\$2,400.00	\$6,000.00	0%
8		Demolition and disposal of existing concrete lining, pipe penetrations, bollards, and all associated materials within reservoir limits including off-site hauling. Bollard demolition and disposal incidental to bid item.	SF	47500	\$7.00	\$332,500.00	\$1.92	\$91,200.00	\$4.00	\$190,000.00	\$1.20	\$57,000.00	3%
9		Tower Abutment and Structure including excavation, backfill, subgrade prep, concrete, pipe penetrations, steel, and metal truss bridge, grating and paint, cip.	LS	1	\$464,000.00	\$464,000.00	\$341,495.96	\$341,495.96	\$408,540.00	\$408,540.00	\$312,000.00	\$312,000.00	12%
10		High Density HDPE Pond Liner, textured, 60 mil, to include all Penetration Seals, polylock strips and associated embedment/installation, anchor trenches and fill, concrete collars, removal and replacement of existing conduits, subgrade prep, compaction and installation, cip.	SF	138000	\$2.00	\$276,000.00	\$1.53	\$211,140.00	\$1.80	\$248,400.00	\$1.40	\$193,200.00	7%
11		Structural concrete for access ramp and ramp footing: 4000 psi with #4 rebar, and Xypex C-500 admixture or approved equal. To include formwork, labor, and installation. See detail 1, DWG D-03. Including excavation and backfill, cip.	CY	190	\$3,610.00	\$685,900.00	\$1,028.90	\$195,491.00	\$1,100.00	\$209,000.00	\$1,900.00	\$361,000.00	7%
12		Subgrade Prep. 12" thick at 95% compaction, cip.	SY	950	\$12.00	\$11,400.00	\$16.07	\$15,266.50	\$5.00	\$4,750.00	\$8.00	\$7,600.00	1%
13		Aggregate Base Course, crushed, 4" thick at 95% compaction, cip.	SY	200	\$11.00	\$2,200.00	\$90.61	\$18,122.00	\$40.00	\$8,000.00	\$24.00	\$4,800.00	0%
14		24" Layer of Sand, including delivery and installation	CY	3700	\$35.00	\$129,500.00	\$63.52	\$235,024.00	\$99.00	\$366,300.00	\$37.00	\$136,900.00	8%
15		Cut/Fill earthwork, including excavation, backfill and compaction, grading, and clay removal from reservoir floor. Suitable on-site material may be used for fill. CIP at 95% compaction.	CY	8900	\$45.00	\$400,500.00	\$21.44	\$190,816.00	\$35.00	\$311,500.00	\$21.00	\$186,900.00	7%
16		Borrow, backfill and compaction of suitable fill material when not obtained from within limits of construction (hauling) CIP at 95% compaction	CY	4000	\$21.00	\$84,000.00	\$37.56	\$150,240.00	\$40.00	\$160,000.00	\$60.00	\$240,000.00	5%

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17		Haul and disposal of unsuitable site soils and excess material including clay, complete in place	CY	4120	\$20.00	\$82,400.00	\$35.66	\$146,919.20	\$20.00	\$82,400.00	\$40.00	\$164,800.00	5%
18		New pipe for re-installation of existing pipe penetrations to include all necessary material, pipe, fittings, transition couplings, restraints, backfill and compaction. (Approximately 60 LF of 30" PVC, and 50 LF of 15" PVC) Transition to existing pipe material, contractor to field verify. Complete in place.	LS	1	\$30,000.00	\$30,000.00	\$49,795.99	\$49,795.99	\$50,000.00	\$50,000.00	\$47,000.00	\$47,000.00	2%
19		Temporary Removal of 6" piping, and re-installation following construction activities. To include all necessary materials, fittings, restraints, backfill, and compaction. Complete in place.	LF	30	\$100.00	\$3,000.00	\$518.86	\$15,565.80	\$230.00	\$6,900.00	\$218.00	\$6,540.00	1%
20		20-inch Suction ductile iron pipe including fittings, restraints, reducers, trenching, backfill and compaction, all depths, cip.	LF	260	\$250.00	\$65,000.00	\$415.51	\$108,032.60	\$380.00	\$98,800.00	\$386.00	\$100,360.00	4%
21		20-inch Diameter Gate Valve, cip. SD2326 with Box and Cover (NMPWSS SD DWG 2326)	EA	1	\$20,000.00	\$20,000.00	\$57,563.85	\$57,563.85	\$42,000.00	\$42,000.00	\$33,000.00	\$33,000.00	2%
22		Temporary removal of site fencing and re-installation following construction activities, cip.	LF	1420	\$220.00	\$312,400.00	\$27.79	\$39,461.80	\$22.00	\$31,240.00	\$22.00	\$31,240.00	1%
23		Headwall Slide Gate, including all associated fittings, fabrication, labor, installation, and leak testing, cip.	EA	2	\$25,000.00	\$50,000.00	\$26,111.03	\$52,222.06	\$18,000.00	\$36,000.00	\$14,000.00	\$28,000.00	2%
24		Pre-Cast Concrete Grade Control Indicator, including 5' x 5' secondary HDPE liner layer, installation, and labor, cip.	EA	7	\$4,000.00	\$28,000.00	\$2,772.90	\$19,410.30	\$2,800.00	\$19,600.00	\$2,500.00	\$17,500.00	1%
25		Electrical Improvements including trenching and backfill for underground conduit, underground pull boxes, conduit/conductor, work in existing panelboard, equipment racks, etc.	LS	1	\$120,000.00	\$120,000.00	\$114,391.80	\$114,391.80	\$120,000.00	\$120,000.00	\$123,000.00	\$123,000.00	4%
26		Fabricate control panels, including all required components	LS	1	\$9,700.00	\$9,700.00	\$36,807.05	\$36,807.05	\$45,000.00	\$45,000.00	\$115,000.00	\$115,000.00	1%
27		SCADA integration including work required in existing RTU and required components. Programming necessary to integrate reservoir instrumentation into existing system.	LS	1	\$8,000.00	\$8,000.00	\$78,578.44	\$78,578.44	\$120,000.00	\$120,000.00	\$97,000.00	\$97,000.00	3%
28		Reservoir instrumentation, including installation and integration into existing SCADA system	LS	1	\$17,500.00	\$17,500.00	\$78,578.44	\$78,578.44	\$76,000.00	\$76,000.00	\$97,000.00	\$97,000.00	3%
<b>Subtotal</b>						\$3,562,500.00		\$2,396,514.19		\$3,191,930.00		\$3,107,692.09	
<b>Construction Materials Testing</b>						\$25,000.00		\$25,000.00		\$25,000.00		\$25,000.00	
<b>Geotechnical Exploration Allowance</b>						\$10,000.00		\$10,000.00		\$10,000.00		\$10,000.00	
<b>Pre-tax Total</b>						\$3,597,500.00		\$2,431,514.19		\$3,226,930.00		\$3,142,692.09	
<b>New Mexico Gross Receipts Tax</b>				8.1875%		\$294,545.31		\$199,080.22		\$264,204.89		\$257,307.91	
<b>Total Estimated Cost:</b>						\$3,892,045.31		\$2,630,594.41		\$3,491,134.89		\$3,400,000.00	

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<b>Additive Alternate #1</b>													
1		2" Air Release Valve, including manhole & lid, trenching, backfill, and compaction, any depth, cip.	EA	3	\$20,000.00	\$60,000.00	\$25,422.26	\$76,266.78	\$22,000.00	\$66,000.00	\$40,162.97	\$120,488.91	3%
2		3" Air release Valve, including manhole & lid, trenching, backfill, and compaction, any depth, cip.	EA	4	\$25,000.00	\$100,000.00	\$27,893.90	\$111,575.60	\$24,000.00	\$96,000.00	\$41,540.96	\$166,163.84	4%
3		Removal and disposal of existing Air Release Valve, all sizes, any depth, cip.	EA	7	\$1,500.00	\$10,500.00	\$10,903.26	\$76,322.82	\$4,500.00	\$31,500.00	\$11,153.68	\$78,075.76	3%
<b>Subtotal Additive #1 Bid Items 1-3</b>						\$170,500.00	\$264,165.20		\$193,500.00		\$364,728.51		
<b>Construction Materials Testing</b>						\$5,000.00	\$5,000.00		\$5,000.00		\$5,000.00		
<b>Subtotal</b>						<b>\$175,500.00</b>	<b>\$269,165.20</b>		<b>\$198,500.00</b>		<b>\$369,728.51</b>		
<b>New Mexico Gross Receipts Tax</b>				8.1875%		\$14,369.06	\$22,037.90		\$16,252.19		\$30,271.52		
<b>Total Base Bid + Additive Alternate #1</b>						<b>\$4,081,914.38</b>	<b>\$2,921,797.51</b>		<b>\$3,705,887.08</b>		<b>\$3,800,000.04</b>		

- Denotes a mathematical error in summation of extended costs
- Denotes changes made to Engineer's Estimate via Addendum during Bidding
- Items removed from project