



BID TABULATION
Lewis County
Vader-Enchanted Valley Reservoir
Project No.: 16-1846
Bid Opening: April 24, 2018, 11:00 AM

Item	Subitem	Description	Units	Quantity	Engineer's Estimate		T Bailey, Inc.		Rognlin's, Inc.	
					Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1		Mobilization, bonds, permitting, and insurance	LS	1	\$99,000	\$99,000.00	\$40,000.00	\$40,000.00	\$123,000.00	\$123,000.00
2		Minor change	LS	1	\$15,000	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
3		Trench Safety System	LS	1	\$2,000	\$2,000.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00
4		Construction survey and staking	LS	1	\$15,000	\$15,000.00	\$12,000.00	\$12,000.00	\$7,000.00	\$7,000.00
5		Removal and replacement of unsuitable material	CY	100	\$60	\$6,000.00	\$100.00	\$10,000.00	\$70.00	\$7,000.00
6		Erosion / water pollution control	LS	1	\$10,000	\$10,000.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00
7		All work required to construct a new 250,000 gallon welded steel water storage reservoir, complete, other than as provided for under separate unit prices. General work categories are described in the price breakdown below, with the sum of items a-e being equal to the total lump sum for Item 7.								
	a	Shop drawings and approvals	LS	1	\$15,000	\$15,000.00	\$15,000.00	\$15,000.00	\$16,000.00	\$16,000.00
	b	Earthwork to include clearing and grubbing, mass excavation, stockpiling, hauling, backfilling and disposal of excess material offsite	LS	1	\$64,000	\$64,000.00	\$85,000.00	\$85,000.00	\$165,000.00	\$165,000.00
	c	Foundation french drain including solid drain line out to daylight	LS	1	\$5,400	\$5,400.00	\$5,000.00	\$5,000.00	\$13,000.00	\$13,000.00
	d	Reservoir construction including foundation rock backfill, concrete foundations, reservoir floor, reservoir shell, reservoir roof, interior piping, pipe blocks, access hatches, vents, roof handrail, ladders, fall prevention systems, interior and exterior surface preparation and coatings, and all other accessories as noted in the contract drawings and specifications	LS	1	\$575,000.00	\$575,000.00	\$605,000.00	\$605,000.00	\$730,000.00	\$730,000.00
	e	Reservoir testing, disinfection & start-up	LS	1	\$2,500	\$2,500.00	\$2,500.00	\$2,500.00	\$7,720.00	\$7,720.00
8		Final site grading and surface restoration to include soil preparation, grass seeding, site stabilization	LS	1	\$10,000	\$10,000.00	\$14,000.00	\$14,000.00	\$28,000.00	\$28,000.00
9		Gravel surfacing	LS	1	\$12,700	\$12,700.00	\$10,500.00	\$10,500.00	\$18,000.00	\$18,000.00
10		Furnish and install Sched 80 PVC water main, utility trench backfill (all depths), including all bends and fittings								
	a	3-inch diameter	LF	75	\$60	\$4,500.00	\$28.00	\$2,100.00	\$80.00	\$6,000.00
11		Furnish and install Class 52 ductile iron water main, utility trench backfill (all depths)								
	a	4-inch diameter, restrained	LF	115	\$88	\$10,120.00	\$64.00	\$7,360.00	\$112.00	\$12,880.00
	b	10-inch diameter, restrained	LF	190	\$165	\$31,350.00	\$75.00	\$14,250.00	\$115.00	\$21,850.00
12		Furnish and install cast or ductile iron pipe fittings								
	a	4-inch diameter bend w/ joint restraints	EA	10	\$440	\$4,400.00	\$225.00	\$2,250.00	\$295.00	\$2,950.00
	b	4-inch diameter tee w/ joint restraints	EA	2	\$880	\$1,760.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00
	c	8-inch diameter tee w/ joint restraints	EA	1	\$1,100	\$1,100.00	\$800.00	\$800.00	\$625.00	\$625.00
	d	10-inch diameter bend w/ joint restraints	EA	6	\$660	\$3,960.00	\$750.00	\$4,500.00	\$700.00	\$4,200.00
	e	10-inch diameter tee w/ joint restraints	EA	3	\$990	\$2,970.00	\$2,000.00	\$6,000.00	\$925.00	\$2,775.00
13		Furnish and install buried valves								
	a	3-inch diameter gv	EA	1	\$880	\$880.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
	b	4-inch diameter gv w/ joint restraints	EA	6	\$1,100	\$6,600.00	\$1,000.00	\$6,000.00	\$1,600.00	\$9,600.00
	c	10-inch diameter gv w/ joint restraints	EA	3	\$1,980	\$5,940.00	\$2,200.00	\$6,600.00	\$3,400.00	\$10,200.00
14		Furnish and install flexible expansion joints								
	a	4-inch diameter, FLGxMJ	EA	1	\$4,400	\$4,400.00	\$4,500.00	\$4,500.00	\$6,000.00	\$6,000.00
	b	10-inch diameter, FLGxMJ	EA	2	\$9,900	\$19,800.00	\$8,000.00	\$16,000.00	\$7,000.00	\$14,000.00
15		Connection to existing water main								
	a	4-inch diameter	EA	2	\$2,500	\$5,000.00	\$1,200.00	\$2,400.00	\$1,500.00	\$3,000.00
	b	8-inch diameter	EA	1	\$2,500	\$2,500.00	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00
	c	10-inch diameter	EA	2	\$2,500	\$5,000.00	\$1,800.00	\$3,600.00	\$3,000.00	\$6,000.00
16		Furnish and install valve vault, complete in-place	LS	1	\$16,500	\$16,500.00	\$22,000.00	\$22,000.00	\$23,000.00	\$23,000.00
17		Furnish and install yard hydrant assembly, complete	EA	1	\$2,200	\$2,200.00	\$4,300.00	\$4,300.00	\$5,000.00	\$5,000.00
18		Testing, flushing and disinfection of water mains	LS	1	\$2,000	\$2,000.00	\$3,500.00	\$3,500.00	\$9,000.00	\$9,000.00
19		Reservoir overflow splash pad and erosion control apron	LS	1	\$6,000	\$6,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
20		Modifications to existing reservoir, complete								
	a	Clean existing reservoir	LS	1	\$2,000	\$2,000.00	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00
	b	Existing reservoir inlet connection	LS	1	\$11,000	\$11,000.00	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00
	c	Silt stop	LS	1	\$1,650	\$1,650.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
21		All work required to construct a new raw water pump station, complete, other than as provided for under separate unit prices. General work categories are described in the price breakdown below, with the sum of items a-d being equal to the total lump sum for Item 21.								
	a	Reinforced concrete slab	LS	1	\$2,500	\$2,500.00	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00
	b	Pump station w/ enclosure and control panel	LS	1	\$88,000	\$88,000.00	\$105,000.00	\$105,000.00	\$105,000.00	\$105,000.00
	c	Underground piping	LS	1	\$2,500	\$2,500.00	\$4,500.00	\$4,500.00	\$7,000.00	\$7,000.00
	d	System startup including training and O&M manuals	LS	1	\$5,000	\$5,000.00	\$6,500.00	\$6,500.00	\$5,000.00	\$5,000.00
22		Realign water service connection, 1-inch diameter	EA	1	\$1,500	\$1,500.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00
23		Site electrical, instrumentation, control, and telemetry	LS	1	\$30,000	\$30,000.00	\$51,000.00	\$51,000.00	\$56,000.00	\$56,000.00
24		Construction project sign	LS	1	\$2,500	\$2,500.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
		Subtotal				\$1,115,230.00		\$1,141,960.00		\$1,495,000.00
		Sales Tax (7.8%)				\$86,987.94		\$89,072.88		\$116,610.00
		TOTAL				\$1,202,217.94		\$1,231,032.88		\$1,611,610.00