



**PUBLIC WORKS DEPARTMENT
CAPITAL IMPROVEMENT PROJECT
BIDDING RESULTS
FOR
PENN PARK RESERVOIR REPLACEMENT**

ENGINEER'S ESTIMATE: Penn Park Reservoir Replacement					T. Bailey, Inc.		Stellar J Corporation		Award Construction, Inc.		3 Kings Environmental, Inc.		Kassel & Associates, Inc.			
Total Cost Estimate: \$ 2,662,979.78					Total Bid: \$ 3,253,507.80		Total Bid: \$ 3,332,946.77		Total Bid: \$ 3,443,174.94		Total Bid: \$ 3,707,178.35		Total Bid: \$ 4,420,317.90			
BASE BID					Engineer's Cost Estimate		T. Bailey, Inc.		Stellar J Corporation		Award Construction, Inc.		3 Kings Environmental, Inc.		Kassel & Associates, Inc.	
No.	Spec Sctn	Bid Item Description		Qty.	Unit Measure	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	
1	1-09.7	Mobilization, Cleanup and Demobilization		1	LS	\$ 219,000.00	\$ 219,000.00	\$ 30,000.00	\$ 30,000.00	\$ 300,000.00	\$ 300,000.00	\$ 150,000.00	\$ 150,000.00	\$ 500,000.00	\$ 500,000.00	
2	1-05.4(1)	Survey		1	LS	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 17,000.00	\$ 17,000.00	\$ 48,000.00	\$ 48,000.00	\$ 26,000.00	\$ 26,000.00	
3	42036	Clearing, Grubbing and Roadside Cleanup		1	LS	\$ 5,000.00	\$ 5,000.00	\$ 40,000.00	\$ 40,000.00	\$ 7,500.00	\$ 7,500.00	\$ 55,000.00	\$ 55,000.00	\$ 24,000.00	\$ 24,000.00	
4	8-01.5	High Visibility Fencing		1,200	LF	\$ 4.00	\$ 4,800.00	\$ 3.00	\$ 3,600.00	\$ 3.00	\$ 3,600.00	\$ 3.40	\$ 4,080.00	\$ 1.80	\$ 2,160.00	
5	8-01	Silt Fence		850	LF	\$ 7.00	\$ 5,950.00	\$ 12.00	\$ 10,200.00	\$ 3.00	\$ 2,550.00	\$ 5.00	\$ 4,250.00	\$ 4.00	\$ 3,400.00	
6	8-01.3(D)	Catch Basin Inlet Protection		6	EA	\$ 100.00	\$ 600.00	\$ 100.00	\$ 600.00	\$ 100.00	\$ 600.00	\$ 80.00	\$ 480.00	\$ 240.00	\$ 144.00	
7	8-15.5	Quarry Spalls		400	TN	\$ 30.00	\$ 12,000.00	\$ 40.00	\$ 16,000.00	\$ 32.00	\$ 12,800.00	\$ 37.00	\$ 14,800.00	\$ 40.00	\$ 16,000.00	
8	2-12.5	Construction Entrance Geotextile Fabric		900	SY	\$ 5.00	\$ 4,500.00	\$ 3.00	\$ 2,700.00	\$ 2.00	\$ 1,800.00	\$ 2.00	\$ 1,800.00	\$ 1.65	\$ 1,485.00	
9	2-02.5	Removal of Structures and Obstructions		1	LS	\$ 3,000.00	\$ 3,000.00	\$ 40,000.00	\$ 40,000.00	\$ 27,000.00	\$ 27,000.00	\$ 15,000.00	\$ 15,000.00	\$ 21,000.00	\$ 21,000.00	
10	2-09.3(5)	Locate Existing Utilities		1	LS	\$ 500.00	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 1,200.00	\$ 1,200.00	
11	2-09.3(5) 7-09.5, 7- 08.5	Excavation Safety System		1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 5,000.00	\$ 5,000.00	
12	2-08	Dewatering		1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,000.00	\$ 8,000.00	\$ 4,600.00	\$ 4,600.00	\$ 23,000.00	\$ 23,000.00	
13	7-08.3(4)	Plugging Existing Pipe		11	EA	\$ 300.00	\$ 3,300.00	\$ 500.00	\$ 5,500.00	\$ 900.00	\$ 9,900.00	\$ 900.00	\$ 9,900.00	\$ 250.00	\$ 2,750.00	
14	CSI 01900	Demolition of Existing Tank and Restroom		1	LS	\$ 80,000.00	\$ 80,000.00	\$ 95,000.00	\$ 95,000.00	\$ 65,000.00	\$ 65,000.00	\$ 67,000.00	\$ 67,000.00	\$ 117,000.00	\$ 117,000.00	
15	6-05	Soldier Piles		1,200	LF	\$ 60.00	\$ 72,000.00	\$ 210.00	\$ 252,000.00	\$ 166.00	\$ 199,200.00	\$ 156.00	\$ 187,200.00	\$ 157.00	\$ 188,400.00	
16	6-05.3(16B)	Soldier Pile Wall Lagging		3,400	SP	\$ 85.00	\$ 289,000.00	\$ 18.00	\$ 61,200.00	\$ 18.00	\$ 61,200.00	\$ 12.60	\$ 42,840.00	\$ 31.50	\$ 107,100.00	
17	8-24	Segmental Concrete Retaining Wall		1,200	SP	\$ 60.00	\$ 72,000.00	\$ 50.00	\$ 60,000.00	\$ 60.00	\$ 72,000.00	\$ 69.00	\$ 82,800.00	\$ 75.00	\$ 90,000.00	
18	CSI 02300	Site Earthwork		4,900	CY	\$ 7.00	\$ 34,300.00	\$ 35.00	\$ 171,500.00	\$ 35.00	\$ 171,500.00	\$ 32.00	\$ 156,800.00	\$ 42.00	\$ 205,800.00	
19	2-09.5	Unsuitable Foundation Excavation		120	CY	\$ 50.00	\$ 6,000.00	\$ 85.00	\$ 10,200.00	\$ 80.00	\$ 9,600.00	\$ 97.00	\$ 11,640.00	\$ 50.00	\$ 6,000.00	
20	7-08.5	Bank Run Gravel for Trench Backfill		2,000	TN	\$ 20.00	\$ 40,000.00	\$ 24.00	\$ 48,000.00	\$ 5.00	\$ 10,000.00	\$ 37.00	\$ 74,000.00	\$ 23.00	\$ 46,000.00	
21	4-04.3(5)	Crushed Surfacing Base Course		350	TN	\$ 20.00	\$ 7,000.00	\$ 35.00	\$ 12,250.00	\$ 50.00	\$ 17,500.00	\$ 42.00	\$ 14,700.00	\$ 49.50	\$ 17,325.00	
22	CSI 13211 & Div 3	1.0 MG Steel Reservoir and Foundation		1	LS	\$ 650,000.00	\$ 650,000.00	\$ 1,018,815.00	\$ 1,018,815.00	\$ 950,500.00	\$ 950,500.00	\$ 1,041,000.00	\$ 1,041,000.00	\$ 885,000.00	\$ 885,000.00	
23	CSI 09970	Reservoir Painting		1	LS	\$ 270,000.00	\$ 270,000.00	\$ 170,000.00	\$ 170,000.00	\$ 200,000.00	\$ 200,000.00	\$ 196,000.00	\$ 196,000.00	\$ 225,000.00	\$ 225,000.00	
24	CSI 09970	Reservoir Mural		1	LS	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,000.00	\$ 20,000.00	\$ 20,000.00	
25	7-09	DI Pipe for Water Main, 16-inch Diameter		475	LF	\$ 120.00	\$ 57,000.00	\$ 160.00	\$ 76,000.00	\$ 150.00	\$ 71,250.00	\$ 182.00	\$ 86,450.00	\$ 165.00	\$ 78,375.00	
26	7-09	DI Pipe for Water Main, 12-inch Diameter		550	LF	\$ 90.00	\$ 49,500.00	\$ 118.00	\$ 64,900.00	\$ 110.00	\$ 60,500.00	\$ 150.00	\$ 82,500.00	\$ 116.00	\$ 63,800.00	
27	7-12.5	Butterfly Valve, 16-inch		2	EA	\$ 6,000.00	\$ 12,000.00	\$ 3,750.00	\$ 7,500.00	\$ 2,400.00	\$ 4,800.00	\$ 2,600.00	\$ 5,200.00	\$ 3,400.00	\$ 6,800.00	
28	7-12.5	Butterfly Valve, 12-inch		4	EA	\$ 3,000.00	\$ 12,000.00	\$ 2,400.00	\$ 9,600.00	\$ 1,750.00	\$ 7,000.00	\$ 1,700.00	\$ 6,800.00	\$ 2,100.00	\$ 8,400.00	
29	CSI 02500	Blowoff Assembly and Yard Hydrant		2	EA	\$ 1,000.00	\$ 2,000.00	\$ 4,500.00	\$ 9,000.00	\$ 4,500.00	\$ 9,000.00	\$ 6,300.00	\$ 12,600.00	\$ 4,000.00	\$ 8,000.00	
30	7-09.5	Additional Fittings		300	LB	\$ 3.00	\$ 900.00	\$ 20.00	\$ 6,000.00	\$ 22.00	\$ 6,600.00	\$ 8.00	\$ 2,400.00	\$ 7.00	\$ 2,100.00	
31	7-09.3(10)A CSI 02500 & Div 13	Connection to Existing System		2	EA	\$ 3,000.00	\$ 6,000.00	\$ 2,100.00	\$ 4,200.00	\$ 2,000.00	\$ 4,000.00	\$ 3,000.00	\$ 6,000.00	\$ 2,100.00	\$ 4,200.00	
32	CSI 02500 & Div 13	Inlet Vault Mechanical		1	LS	\$ 35,000.00	\$ 35,000.00	\$ 60,000.00	\$ 60,000.00	\$ 55,000.00	\$ 55,000.00	\$ 44,000.00	\$ 44,000.00	\$ 114,000.00	\$ 114,000.00	
33	CSI 02500 & Div 13	Outlet Vault Mechanical		1	LS	\$ 32,000.00	\$ 32,000.00	\$ 130,000.00	\$ 130,000.00	\$ 132,000.00	\$ 132,000.00	\$ 135,000.00	\$ 135,000.00	\$ 90,000.00	\$ 90,000.00	
34	CSI 03350	Controlled Density Fill (CDF)		30	CY	\$ 110.00	\$ 3,300.00	\$ 175.00	\$ 5,250.00	\$ 75.00	\$ 2,250.00	\$ 230.00	\$ 6,900.00	\$ 200.00	\$ 6,000.00	
35	5-04	HMA Cl. 1/2-inch PG 64-22		600	TN	\$ 120.00	\$ 72,000.00	\$ 100.00	\$ 60,000.00	\$ 105.00	\$ 63,000.00	\$ 115.00	\$ 69,000.00	\$ 110.00	\$ 66,000.00	
36	7-04	CPEP Storm Sewer Drain Pipe, 12-inch Diameter		360	LF	\$ 45.00	\$ 16,200.00	\$ 102.00	\$ 36,720.00	\$ 85.00	\$ 30,600.00	\$ 84.00	\$ 30,240.00	\$ 49.50	\$ 17,820.00	
37	7-04	CPEP Storm Sewer Drain Pipe, 8-inch Diameter		300	LF	\$ 35.00	\$ 10,500.00	\$ 72.00	\$ 21,600.00	\$ 64.00	\$ 19,200.00	\$ 78.00	\$ 23,400.00	\$ 55.00	\$ 16,500.00	
38	7-04	CPEP Storm Sewer Drain Pipe, 6-inch Diameter		100	LF	\$ 30.00	\$ 3,000.00	\$ 76.00	\$ 7,600.00	\$ 58.00	\$ 5,800.00	\$ 80.00	\$ 8,000.00	\$ 60.00	\$ 6,000.00	
39	7-04	CPEP Storm Sewer Drain Pipe, 4-inch Diameter		35	LF	\$ 25.00	\$ 875.00	\$ 33.00	\$ 1,155.00	\$ 55.00	\$ 1,925.00	\$ 80.00	\$ 2,800.00	\$ 60.00	\$ 2,100.00	
40	7-05.5	Catch Basin, Type 1		9	EA	\$ 1,500.00	\$ 13,500.00	\$ 2,100.00	\$ 18,900.00	\$ 1,600.00	\$ 14,400.00	\$ 2,000.00	\$ 18,000.00	\$ 1,500.00	\$ 13,500.00	
41	7-05.5	Catch Basin, Type 2		2	EA	\$ 3,000.00	\$ 6,000.00	\$ 4,000.00	\$ 8,000.00	\$ 2,750.00	\$ 5,500.00	\$ 4,000.00	\$ 8,000.00	\$ 2,900.00	\$ 5,800.00	
42	7-19.5	Cleanout		3	EA	\$ 500.00	\$ 1,500.00	\$ 650.00	\$ 1,950.00	\$ 700.00	\$ 2,100.00	\$ 1,500.00	\$ 4,500.00	\$ 1,000.00	\$ 3,000.00	
43	8-01.5 & CSI 02900	Seeding, Fertilizing and Mulching		4,500	SY	\$ 2.00	\$ 9,000.00	\$ 10.00	\$ 45,000.00	\$ 9.00	\$ 40,500.00	\$ 9.00	\$ 40,500.00	\$ 10.00	\$ 45,000.00	
44	CSI 02900	Plantings		206	EA	\$ 20.00	\$ 4,120.00	\$ 35.00	\$ 7,210.00	\$ 32.00	\$ 6,592.00	\$ 32.00	\$ 6,592.00	\$ 36.00	\$ 7,416.00	
45	8-06	Cement Concrete Driveway, Type 1		10	SY	\$ 200.00	\$ 2,000.00	\$ 75.00	\$ 750.00	\$ 100.00	\$ 1,000.00	\$ 100.00	\$ 1,000.00	\$ 400.00	\$ 4,000.00	
46	8-04	Extruded Curb		100	LF	\$ 35.00	\$ 3,500.00	\$ 14.00	\$ 1,400.00	\$ 17.00	\$ 1,700.00	\$ 35.00	\$ 3,500.00	\$ 22.00	\$ 2,200.00	
47	CSI 05120 & 05500	Electrical Rack		1	LS	\$ 15,000.00	\$ 15,000.00	\$ 30,000.00	\$ 30,000.00	\$ 12,000.00	\$ 12,000.00	\$ 35,000.00	\$ 35,000.00	\$ 20,000.00	\$ 20,000.00	
48	Div 16	Electrical		1	LS	\$ 85,000.00	\$ 85,000.00	\$ 95,000.00	\$ 95,000.00	\$ 145,000.00	\$ 145,000.00	\$ 120,000.00	\$ 120,000.00	\$ 90,000.00	\$ 90,000.00	
49	Divs 13 & 16	L2 Systems, Inc.		1	LS	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	\$ 118,800.00	
50	8-12	Chain Link Fence and Gate		420	LF	\$ 40.00	\$ 16,800.00	\$ 32.00	\$ 13,440.00	\$ 36.00	\$ 15,120.00	\$ 35.00	\$ 14,700.00	\$ 40.00	\$ 16,800.00	
51	8-12.3	Removable Bollards		2	EA	\$ 1,200.00	\$ 2,400.00	\$ 650.00	\$ 1,300.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 550.00	\$ 1,100.00	
52	1-10.5	Project Temporary Traffic Control		1	LS	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,000.00	\$ 4,000.00	\$ 13,000.00	\$ 13,000.00	\$ 7,500.00	\$ 7,500.00	
53	1-10.3	Flaggers		80	HR	\$ 45.00	\$ 3,600.00	\$ 55.00	\$ 4,400.00	\$ 55.00	\$ 4,400.00	\$ 46.00	\$ 3,680.00	\$ 66.00	\$ 5,280.00	
54	1-09.6	Force Account Work		1	CALC	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	
Subtotal Base Bid Schedule:						\$ 2,431,945.00	\$ 2,971,240.00	\$ 3,043,787.00	\$ 3,144,452.00	\$ 3,385,551.00	\$ 4,036,820.00					
Washington State Sales Tax 9.5%:						\$ 231,034.78	\$ 282,267.80	\$ 289,159.77	\$ 298,722.94	\$ 321,627.35	\$ 383,497.90					
Total Cost Base Bid Schedule:						\$ 2,662,979.78	\$ 3,253,507.80	\$ 3,332,946.77	\$ 3,443,174.94	\$ 3,707,178.35	\$ 4,420,317					