

CITY OF RIDGEFIELD

Cemetery Booster Pump Station

Bid Opening: Thursday, March 15, 2018

Bid Opening Time: 11:00AM

BID SET CONSTRUCTION COST ESTIMATE

Engineer's Estimate

Clark & Sons Excavating Inc
7601 NE 289th Street
Battle Ground, WA 98604

Clackamas Construction Inc
PO Box 279
Boring, OR 97009

Advanced Excavating Specialists LLC
1010 Columbia Blvd
Longview, WA 98632

Tapani Inc
1904 SE 64th Pl
Battle Ground, WA 98604

SCHEDULE A - Cemetery Booster Pump Station

NO.	ITEM	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Mobilization and Demobilization	1 LS	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 27,952.00	\$ 27,952.00	\$ 31,500.00	\$ 31,500.00	\$ 30,000.00	\$ 30,000.00
2	Unexpected Site Changes	1 CALC	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
3	Demolition	1 LS	\$ 10,000.00	\$ 10,000.00	\$ 2,500.00	\$ 2,500.00	\$ 13,641.00	\$ 13,641.00	\$ 8,800.00	\$ 8,800.00	\$ 25,000.00	\$ 25,000.00
4	Locate Existing Utilities	1 LS	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 235.00	\$ 235.00	\$ 1,200.00	\$ 1,200.00	\$ 3,000.00	\$ 3,000.00
5	Trench Excavation Safety System	1 LS	\$ 1,000.00	\$ 1,000.00	\$ 900.00	\$ 900.00	\$ 1,760.00	\$ 1,760.00	\$ 650.00	\$ 650.00	\$ 500.00	\$ 500.00
6	Special Excavation of Unsuitable Material	10 CY	\$ 40.00	\$ 400.00	\$ 150.00	\$ 1,500.00	\$ 100.00	\$ 1,000.00	\$ 200.00	\$ 2,000.00	\$ 90.00	\$ 900.00
7	Erosion Control	1 LS	\$ 500.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00	\$ 9,460.00	\$ 9,460.00	\$ 5,900.00	\$ 5,900.00	\$ 850.00	\$ 850.00
8	Sitework	1 LS	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,528.00	\$ 4,528.00	\$ 500.00	\$ 500.00	\$ 2,600.00	\$ 2,600.00
9	Crushed Surfacing Top Course	150 TN	\$ 30.00	\$ 4,500.00	\$ 42.00	\$ 6,300.00	\$ 45.00	\$ 6,750.00	\$ 19.00	\$ 2,850.00	\$ 20.00	\$ 3,000.00
10	HMA Cl. 1/2" PG 64-22	55 TN	\$ 150.00	\$ 8,250.00	\$ 100.00	\$ 5,500.00	\$ 216.00	\$ 11,880.00	\$ 98.00	\$ 5,390.00	\$ 105.00	\$ 5,775.00
11	Restoration	1 LS	\$ 5,000.00	\$ 5,000.00	\$ 1,800.00	\$ 1,800.00	\$ 12,785.00	\$ 12,785.00	\$ 1,700.00	\$ 1,700.00	\$ 750.00	\$ 750.00
12	Concrete Foundation and Pump Station Building	1 LS	\$ 37,000.00	\$ 37,000.00	\$ 47,000.00	\$ 47,000.00	\$ 49,225.00	\$ 49,225.00	\$ 43,000.00	\$ 43,000.00	\$ 40,000.00	\$ 40,000.00
13	Booster Pump Station	1 LS	\$ 40,000.00	\$ 40,000.00	\$ 80,000.00	\$ 80,000.00	\$ 91,546.00	\$ 91,546.00	\$ 78,000.00	\$ 78,000.00	\$ 63,200.00	\$ 63,200.00
14	Piping, Valves, and Appurtenances	1 LS	\$ 50,000.00	\$ 50,000.00	\$ 20,000.00	\$ 20,000.00	\$ 28,785.00	\$ 28,785.00	\$ 26,500.00	\$ 26,500.00	\$ 30,000.00	\$ 30,000.00
15	Electrical Service	1 LS	\$ 11,000.00	\$ 11,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
16	Electrical, Instrumentation, and Telemetry	1 LS	\$ 85,000.00	\$ 85,000.00	\$ 33,000.00	\$ 33,000.00	\$ 147,435.00	\$ 147,435.00	\$ 42,000.00	\$ 42,000.00	\$ 86,500.00	\$ 86,500.00
				Subtotal	\$ 289,150.00	\$ 247,000.00	\$ 421,982.00	\$ 264,990.00	\$ 307,075.00			
				Sales Tax (8.4%)	\$ 24,300.00	\$ 20,748.00	\$ 35,446.49	\$ 22,259.16	\$ 25,794.30			
				Subtotal	\$ 313,450.00	\$ 267,748.00	\$ 457,428.49	\$ 287,249.16	\$ 332,869.30			
				TOTAL CONSTRUCTION COST (SCHEDULE A)	\$ 313,450.00	\$ 267,748.00	\$ 457,428.49	\$ 287,249.16	\$ 332,869.30			

SCHEDULE B - Northridge Water Main

NO.	ITEM	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Mobilization and Demobilization	1 LS	\$16,000.00	\$16,000.00	\$10,000.00	\$10,000.00	\$25,010.00	\$25,010.00	\$14,600.00	\$14,600.00	\$19,000.00	\$19,000.00
2	Unexpected Site Conditions	1 CAL	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
3	Traffic Control	1 LS	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$6,550.00	\$6,550.00	\$800.00	\$800.00	\$5,000.00	\$5,000.00
4	Locate Existing Utilities	1 LS	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$760.00	\$760.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
5	Clearing and Grubbing	1 LS	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$7,072.00	\$7,072.00	\$3,400.00	\$3,400.00	\$1,500.00	\$1,500.00
6	Special Excavation of Unsuitable Materials	20 CY	\$30.00	\$600.00	\$80.00	\$1,600.00	\$108.00	\$2,160.00	\$200.00	\$4,000.00	\$45.00	\$900.00
7	Erosion Control	1 LS	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$4,895.00	\$4,895.00	\$450.00	\$450.00	\$2,100.00	\$2,100.00
8	Trench Excavation Safety Systems	1 LS	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,900.00	\$1,900.00	\$500.00	\$500.00	\$3,800.00	\$3,800.00
9	Foundation Material	45 CY	\$30.00	\$1,350.00	\$55.00	\$2,475.00	\$55.00	\$2,475.00	\$37.00	\$1,665.00	\$75.00	\$3,375.00
10	Crushed Surfacing Top Course	625 TN	\$30.00	\$18,750.00	\$1.00	\$625.00	\$45.00	\$28,125.00	\$19.00	\$11,875.00	\$20.00	\$12,500.00
11	HMA CL. 1/2" PG 64-22	205 TN	\$150.00	\$30,750.00	\$100.00	\$20,500.00	\$159.00	\$32,595.00	\$98.00	\$20,090.00	\$105.00	\$21,525.00
12	Sawcutting	1100 LF	\$2.50	\$2,750.00	\$1.70	\$1,870.00	\$1.30	\$1,430.00	\$3.00	\$3,300.00	\$1.80	\$1,980.00
13	Planing Bituminous Pavement	1300 SY	\$9.00	\$11,700.00	\$4.50	\$5,850.00	\$4.60	\$5,980.00	\$4.50	\$5,850.00	\$4.75	\$6,175.00
14	Restoration	1 LS	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$12,773.00	\$12,773.00	\$5,800.00	\$5,800.00	\$2,500.00	\$2,500.00
15	Controlled Density Fill	10 CY	\$120.00	\$1,200.00	\$150.00	\$1,500.00	\$285.00	\$2,850.00	\$285.00	\$2,850.00	\$150.00	\$1,500.00
16	8-inch DI Water Pipe, Including Fittings	70 LF	\$75.00	\$5,250.00	\$120.00	\$8,400.00	\$110.00	\$7,700.00	\$75.00	\$5,250.00	\$105.00	\$7,350.00
17	4-inch DI Water Pipe, Including Fittings	785 LF	\$30.00	\$23,550.00	\$65.00	\$51,025.00	\$60.00	\$47,100.00	\$57.00	\$44,745.00	\$45.00	\$35,325.00
18	Additional Fittings	750 LBS	\$3.00	\$2,250.00	\$2.25	\$1,687.50	\$6.00	\$4,500.00	\$8.00	\$6,000.00	\$0.25	\$187.50
19	Hot Tap Connection and Tapping Valve	1 EA	\$2,500.00	\$2,500.00	\$5,500.00	\$5,500.00	\$5,630.00	\$5,630.00	\$4,100.00	\$4,100.00	\$7,800.00	\$7,800.00
20	2" PRV Station	1 EA	\$3,500.00	\$3,500.00	\$10,000.00	\$10,000.00	\$9,300.00	\$9,300.00	\$10,800.00	\$10,800.00	\$5,500.00	\$5,500.00
21	Blowoff Assembly	1 EA	\$2,500.00	\$2,500.00	\$1,700.00	\$1,700.00	\$2,400.00	\$2,400.00	\$1,100.00	\$1,100.00	\$1,450.00	\$1,450.00
22	Fire Hydrant Assembly	1 EA	\$5,000.00	\$5,000.00	\$4,800.00	\$4,800.00	\$5,940.00	\$5,940.00	\$5,200.00	\$5,200.00	\$5,900.00	\$5,900.00

23	Relocate Water Service Riverview Drive	2	EA	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00	\$4,475.00	\$8,950.00	\$2,100.00	\$4,200.00	\$3,900.00	\$7,800.00
24	Bored Water Service	2	EA	\$5,000.00	\$10,000.00	\$4,000.00	\$8,000.00	\$9,788.00	\$19,576.00	\$3,000.00	\$6,000.00	\$10,500.00	\$21,000.00
25	Water Service	10	EA	\$750.00	\$7,500.00	\$1,500.00	\$15,000.00	\$1,925.00	\$19,250.00	\$1,600.00	\$16,000.00	\$1,000.00	\$10,000.00
26	Meter Box	14	EA	\$750.00	\$10,500.00	\$200.00	\$2,800.00	\$870.00	\$12,180.00	\$300.00	\$4,200.00	\$500.00	\$7,000.00
27	Tree Removal	1	LS	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$15,000.00	\$15,000.00	\$100.00	\$100.00	\$8,000.00	\$8,000.00
				Subtotal	\$187,150.00		\$182,332.50		\$297,101.00		\$189,875.00		\$206,167.50
				Sales Tax (8.4%)	\$15,720.60		\$15,315.93		\$24,956.48		\$15,949.50		\$17,318.07
				Subtotal	\$202,870.60		\$197,648.43		\$322,057.48		\$205,824.50		\$223,485.57
				TOTAL EST CONSTRUCTION COST (SCHEDULE B)	\$203,000.00		\$197,648.43		\$322,057.48		\$205,824.50		\$223,485.57

ADDITIVE SCHEDULE C - Pave East Side of Northridge Drive

NO.	ITEM	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Planing Bituminous Pavement	1300	SY	\$9.00	\$11,700.00	\$2.00	\$2,600.00	\$5.00	\$6,500.00	\$4.00	\$5,200.00	\$4.75	\$6,175.00
2	HMA CL. 1/2" PG 64-22	165	TN	\$150.00	\$24,750.00	\$100.00	\$16,500.00	\$187.00	\$30,855.00	\$98.00	\$16,170.00	\$95.00	\$15,675.00
				Subtotal	\$36,450.00		\$19,100.00		\$37,355.00		\$21,370.00		\$21,850.00
				Sales Tax (8.4%)	\$3,061.80		\$1,604.40		\$3,137.82		\$1,795.08		\$1,835.40
				TOTAL CONSTRUCTION COSTS (SCHEDULE C)	\$39,511.80		\$20,704.40		\$40,492.82		\$23,165.08		\$23,685.40
				TOTAL CONSTRUCTION COST (SCHEDULE A)	\$313,450.00		\$267,748.00		\$457,428.49		\$287,249.16		\$332,869.30
				TOTAL EST CONSTRUCTION COST (SCHEDULE B)	\$203,000.00		\$197,648.43		\$322,057.48		\$205,824.50		\$223,485.57
				TOTAL CONSTRUCTION COST (A AND B)	\$516,450.00		\$465,396.43		\$779,485.97		\$493,073.66		\$556,354.87
				TOTAL ESTE CONSTRUCTION COST (SCHEDULES A, B AND C (ADDITIVE))	\$555,961.80		\$486,100.83		\$819,978.79		\$516,238.74		\$580,040.27

Bids Tabulated by: Lisa Blake
Bids Reviewed by: Brenda Howell

Note: Clark & Sons - Section A, B, and C wrote \$477,428.83. A difference of \$8,672.00. Even so, they remained the apparent low bidder.