

Pigeon Springs Rd MP 0.50 (Fraser Creek) Culvert Replacement
 Project
 CMP 1515
 February 26, 2019
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C&R Tractor and Landscaping
 3829 Pleasant Hill Rd
 Kelso, WA 98626
 (360) 577-8288

Brimfield Construction, Inc.
 P.O. Box 600
 Aberdeen, WA 98520
 (360) 268-9231

Quigg Bros., Inc.
 819 West State Street
 Aberdeen, WA 98520
 (360) 533-1530

Engineers Estimate

TOTAL BID		\$891,769.19	\$927,910.00	\$929,360.00	\$992,950.00
1	MOBILIZATION	1 L.S.	31,280.00	31,280.00	31,280.00
2	CLEARING AND GRUBBING	1 L.S.	4,057.16	4,057.16	4,057.16
3	REMOVING OF STRUCTURES AND OBSTRUCTIONS	1 L.S.	3,631.31	3,631.31	3,631.31
4	ROADWAY EXCAVATION INCL. HAUL	155 C.Y.	23.72	3,676.60	3,676.60
5	SELECT BORROW INCL. HAUL	3,870 TON	37.00	143,190.00	143,190.00
6	CHANNEL EXCAVATION INCL. HAUL	1,370 C.Y.	29.88	40,935.60	40,935.60
7	QUARRY SPALLS FOR UNSUITABLE BASE MATERIAL	325 TON	36.99	12,021.75	12,021.75
8	STREAMBED MIX	1,575 TON	35.46	55,849.50	55,849.50
9	UNDERDRAIN PIPE, 4 IN. DIAM.	90 L.F.	6.22	559.80	559.80
10	TEMPORARY STREAM DIVERSION	1 L.S.	44,610.31	44,610.31	44,610.31
11	STRUCTURE EXCAVATION CLASS A INCL. HAUL	2,290 C.Y.	21.71	49,715.90	49,715.90
12	GRAVEL BACKFILL FOR WALL	105 C.Y.	61.75	5,433.75	5,433.75
13	ST. REINF. BAR FOR WALL	4,340 LBS.	2.00	8,680.00	8,680.00
14	CONC. CLASS 4000	58 C.Y.	379.01	21,982.58	21,982.58
15	PRECAST REINF. CONC. SPLIT-BOX CULVERT	1 L.S.	198,289.11	198,289.11	198,289.11
16	CRUSHED SURFACING BASE COURSE	550 TON	37.00	20,350.00	20,350.00
17	SHOULDER FINISHING	45 TON	84.03	3,781.35	3,781.35
18	HMA CL. 1/2 IN PG 58H-22	165 TON	194.00	32,010.00	32,010.00
19	ESC LEAD	12 DAY	150.00	1,800.00	1,800.00
20	STABILIZED CONSTRUCTION ENTRANCE	150 S.Y.	29.24	4,386.00	4,386.00
21	EROSION / WATER POLLUTION CONTROL	1 EST.	5,000.00	5,000.00	5,000.00
22	FLEX MSE BANK PROTECTION	90 S.Y.	306.76	27,608.40	27,608.40
23	LARGE WOODY DEBRIS	12 EA.	1,320.40	15,844.80	15,844.80
24	PLANTING MITIGATION CONSTRUCTION	1 L.S.	17,262.42	17,262.42	17,262.42
25	TEMPORARY BYPASS ROAD	1 L.S.	49,873.91	49,873.91	49,873.91
26	HIGH VISIBILITY SILT FENCE	330 L.F.	5.10	1,683.00	1,683.00
27	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	4 EA.	4,000.58	16,002.32	16,002.32
28	BEAM GUARDRAIL TYPE 31	250 L.F.	61.26	15,315.00	15,315.00
29	PAINT LINE	660 L.F.	8.04	5,306.40	5,306.40
30	PROJECT TEMPORARY TRAFFIC CONTROL	1 L.S.	16,014.58	16,014.58	16,014.58
31	FOUNDATION MATERIAL CLASS A	125 C.Y.	37.01	4,626.25	4,626.25
32	TRIMMING AND CLEANUP	1 L.S.	5,191.39	5,191.39	5,191.39
33	REIMBURSEMENT FOR THIRD PARTY DAMAGE	0 EST.	0.00	0.00	0.00
34	MINOR CHANGE	1 CALC.	25,000.00	25,000.00	25,000.00
35	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	1 L.S.	800.00	800.00	800.00

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		Conway Construction Company 6620 NW Whitney Rd, Ste 100 Vancouver, WA 98665 (360) 887-3022		Corridor Contractors, LLC 11009 W Dena Rd Airway Heights, WA 99001 (509) 821-1774		Barcott Construction, LLC P.O. Box 366 Chehalis, WA 98570 (360) 827-5552		Engineers Estimate	
TOTAL BID		\$1,027,750.00	\$1,043,938.75	\$1,059,434.00	\$992,950.00				
1	MOBILIZATION	100,000.00	86,196.00	107,260.00	48,500.00				
2	CLEARING AND GRUBBING	25,000.00	18,000.00	35,000.00	8,000.00				
3	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	20,000.00	7,470.00	36,000.00	5,000.00				
4	ROADWAY EXCAVATION INCL HAUL	40.00	6,200.00	25.00	3,875.00				
5	SELECT BORROW INCL HAUL	3,870 TON	112,230.00	21.50	83,205.00				
6	CHANNEL EXCAVATION INCL HAUL	1,370 C.Y.	42,470.00	14.00	19,180.00				
7	QUARRY SPALLS FOR UNSUITABLE BASE MATERIAL	325 TON	7,475.00	36.25	12,431.25				
8	STREAMBED MIX	1,575 TON	51,975.00	49.50	77,962.50				
9	UNDERDRAIN PIPE, 4 IN. DIAM.	90 L.F.	1,440.00	31.50	2,835.00				
10	TEMPORARY STREAM DIVERSION	1 L.S.	50,000.00	50,000.00	26,000.00				
11	STRUCTURE EXCAVATION CLASS A INCL HAUL	2,290 C.Y.	9,160.00	23.50	53,815.00				
12	GRAVEL BACKFILL FOR WALL	105 C.Y.	7,350.00	58.50	6,142.50				
13	ST. REINF. BAR FOR WALL	4,340 LBS.	2.00	8,680.00	3.80				
14	CONC. CLASS 4000	58 C.Y.	450.00	1,400.00	568.00				
15	PRECAST REINF. CONC. SPLIT-BOX CULVERT	1 L.S.	291,000.00	200,000.00	213,000.00				
16	CRUSHED SURFACING BASE COURSE	590 TON	21.00	34.00	18,700.00				
17	SHOULDER FINISHING	45 TON	21.00	300.00	13,500.00				
18	HMA CL. 1/2 IN PG 58H-22	165 TON	150.00	207.00	34,155.00				
19	ESC LEAD	12 DAY	290.00	150.00	1,800.00				
20	STABILIZED CONSTRUCTION ENTRANCE	150 S.Y.	23.00	31.50	4,725.00				
21	EROSION / WATER POLLUTION CONTROL	1 EST.	5,000.00	5,000.00	5,000.00				
22	FLEX MSE BANK PROTECTION	90 S.Y.	300.00	247.50	22,275.00				
23	LARGE WOODY DEBRIS	12 EA.	580.00	500.00	6,000.00				
24	PLANTING MITIGATION CONSTRUCTION	1 L.S.	20,000.00	89,550.00	62,000.00				
25	TEMPORARY BYPASS ROAD	1 L.S.	65,000.00	45,500.00	45,000.00				
26	HIGH VISIBILITY SILT FENCE	330 L.F.	3.00	990.00	1,485.00				
27	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	4 EA.	4,400.00	5,000.00	20,000.00				
28	BEAM GUARDRAIL TYPE 31	250 L.F.	78.00	19,500.00	69.00				
29	PAINT LINE	660 L.F.	2.00	1,320.00	4.00				
30	PROJECT TEMPORARY TRAFFIC CONTROL	1 L.S.	21,000.00	18,000.00	42,500.00				
31	FOUNDATION MATERIAL CLASS A	125 C.Y.	65.00	8,437.50	4,000.00				
32	TRIMMING AND CLEANUP	0 EST.	0.00	0.00	0.00				
33	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 CALC.	25,000.00	25,000.00	25,000.00				
34	MINOR CHANGE	1 L.S.	1,000.00	1,500.00	500.00				
35	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	1 L.S.	1,000.00	1,500.00	500.00				

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		Thompson Bros Excavating, Inc. 18211 NE Fourth Plain Rd Vancouver, WA 98682 (360) 254-7056		Midway Underground 881 State Route 505 PO Box 1107 Toledo, WA 98591 (360) 624-1304		Granite Construction Company 3200 113th Avenue SW Olympia, WA 98512 (360) 570-5505		Engineers Estimate	
TOTAL BID		\$1,060,800.00	\$1,073,367.00	\$1,086,999.00	\$992,950.00				
1	MOBILIZATION	90,410.00	30,000.00	120,000.00	46,500.00				
2	CLEARING AND GRUBBING	17,250.00	30,000.00	12,000.00	8,000.00				
3	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	7,000.00	40,000.00	5,000.00	5,000.00				
4	ROADWAY EXCAVATION INCL. HAUL	25.00	36.00	5,580.00	24.00				
5	SELECT BORROW INCL. HAUL	27.00	36.00	92,880.00	21.00				
6	CHANNEL EXCAVATION INCL. HAUL	16.00	36.00	49,320.00	47.50				
7	QUARRY SPALLS FOR UNSUITABLE BASE MATERIAL	45.00	36.00	11,700.00	40.00				
8	STREAMBED MIX	55.00	60.00	94,500.00	64.00				
9	UNDERDRAIN PIPE, 4 IN. DIAM.	30.00	40.00	3,600.00	28.00				
10	TEMPORARY STREAM DIVERSION	28,000.00	50,000.00	50,000.00	40,000.00				
11	STRUCTURE EXCAVATION CLASS A INCL. HAUL	29.00	24.00	54,960.00	26.00				
12	GRAVEL BACKFILL FOR WALL	70.00	28.00	2,940.00	103.00				
13	ST. REINF. BAR FOR WALL	1.50	1.05	4,597.00	6.00				
14	CONC. CLASS 4000	1,000.00	970.00	56,280.00	760.00				
15	PRECAST REINF. CONC. SPLIT-BOX CULVERT	300,000.00	235,000.00	235,000.00	234,018.00				
16	CRUSHED SURFACING BASE COURSE	27.00	32.00	17,600.00	1.00				
17	SHOULDER FINISHING	150.00	280.00	12,600.00	48.00				
18	HMA CL. 1/2 IN PG 58H-22	155.00	200.00	33,000.00	145.00				
19	ESC LEAD	50.00	500.00	6,000.00	100.00				
20	STABILIZED CONSTRUCTION ENTRANCE	20.00	30.00	4,500.00	30.00				
21	EROSION / WATER POLLUTION CONTROL	5,000.00	5,000.00	5,000.00	5,000.00				
22	FLEX MSE BANK PROTECTION	271.00	6.00	540.00	78.00				
23	LARGE WOODY DEBRIS	1,800.00	500.00	6,000.00	750.00				
24	PLANTING MITIGATION CONSTRUCTION	30,000.00	30,000.00	30,000.00	18,000.00				
25	TEMPORARY BYPASS ROAD	35,000.00	70,000.00	70,000.00	64,000.00				
26	HIGH VISIBILITY SILT FENCE	4.00	6.00	1,980.00	7.20				
27	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	6,000.00	5,000.00	20,000.00	4,000.00				
28	BEAM GUARDRAIL TYPE 31	25.00	80.00	20,000.00	85.00				
29	PAINT LINE	5.00	10.00	6,600.00	5.50				
30	PROJECT TEMPORARY TRAFFIC CONTROL	4,500.00	30,000.00	30,000.00	30,000.00				
31	FOUNDATION MATERIAL CLASS A	60.00	38.00	4,750.00	121.00				
32	TRIMMING AND CLEANUP	5,000.00	15,000.00	15,000.00	5,000.00				
33	REIMBURSEMENT FOR THIRD PARTY DAMAGE	0.00	0.00	0.00	0.00				
34	MINOR CHANGE	25,000.00	25,000.00	25,000.00	25,000.00				
35	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	2,000.00	3,500.00	3,500.00	3,000.00				

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Northwest Cascade, Inc.
 P.O. Box 73399
 Puyallup, WA 98373
 (253) 848-2371

Boettcher & Sons, Inc.
 P.O. Box 992
 Eatonville, WA 98328
 (253) 318-2201

Active Construction Inc.
 5110 River Rd E
 Tacoma, WA 98443
 (253) 248-1091

Engineers Estimate

TOTAL BID		\$1,195,312.00	\$1,197,075.00	\$1,239,080.00	\$992,950.00
1	MOBILIZATION				
2	CLEARING AND GRUBBING	74,375.00	85,000.00	105,000.00	46,500.00
3	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	46,000.00	19,000.00	11,000.00	8,000.00
4	ROADWAY EXCAVATION INCL. HAUL	30,000.00	3,000.00	38,000.00	5,000.00
5	SELECT BORROW INCL. HAUL	54.00	20.00	125.00	14.00
6	CHANNEL EXCAVATION INCL. HAUL	23.00	85,140.00	127,710.00	21.00
7	QUARRY SPALLS FOR UNSUITABLE BASE MATERIAL	17.00	39,730.00	39,730.00	30.00
8	STREAMBED MIX	33.00	10,075.00	80.00	75.00
9	UNDERDRAIN PIPE, 4 IN. DIAM.	70.00	102,375.00	54.00	58.00
10	TEMPORARY STREAM DIVERSION	12.00	2,520.00	9.00	15.00
11	STRUCTURE EXCAVATION CLASS A INCL. HAUL	33.00	60,000.00	35,000.00	48,500.00
12	GRAVEL BACKFILL FOR WALL	48.00	60.00	45.00	30.00
13	ST. REINF. BAR FOR WALL	2.55	10,850.00	3.00	4,340.00
14	CONC. CLASS 4000	1,300.00	520.00	1,400.00	800.00
15	PRECAST REINF. CONC. SPLIT-BOX CULVERT	310,000.00	454,000.00	268,000.00	195,000.00
16	CRUSHED SURFACING BASE COURSE	30.00	19,250.00	34.00	19,250.00
17	SHOULDER FINISHING	45.00	2,025.00	195.00	75.00
18	HMA CL. 1/2 IN PG 58H-22	176.00	28,710.00	193.00	15,875.00
19	ESC LEAD	70.00	250.00	220.00	300.00
20	STABILIZED CONSTRUCTION ENTRANCE	33.00	17.00	63.00	18.00
21	EROSION / WATER POLLUTION CONTROL	5,000.00	5,000.00	5,000.00	5,000.00
22	FLEX MSE BANK PROTECTION	220.00	15,300.00	200.00	17,100.00
23	LARGE WOODY DEBRIS	1,200.00	14,400.00	1,200.00	18,000.00
24	PLANTING MITIGATION CONSTRUCTION	40,000.00	22,000.00	40,000.00	39,000.00
25	TEMPORARY BYPASS ROAD	55,000.00	28,000.00	53,000.00	86,000.00
26	HIGH VISIBILITY SILT FENCE	4.00	1,320.00	7.00	2,310.00
27	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	5,200.00	22,000.00	17,600.00	14,000.00
28	BEAM GUARDRAIL TYPE 31	24.00	6,500.00	76.00	8,750.00
29	PAINT LINE	6.00	1,320.00	6.00	660.00
30	PROJECT TEMPORARY TRAFFIC CONTROL	2,500.00	3,500.00	10,000.00	54,000.00
31	FOUNDATION MATERIAL CLASS A	50.00	9,750.00	142.00	50.00
32	TRIMMING AND CLEANUP	6,500.00	5,000.00	2,100.00	2,500.00
33	REIMBURSEMENT FOR THIRD PARTY DAMAGE	0.00	0.00	0.00	0.00
34	MINOR CHANGE	25,000.00	25,000.00	25,000.00	25,000.00
35	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	250.00	2,500.00	200.00	1,000.00

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**Anderson Environmental
 Contracting, LLC
 705 Colorado St
 Kelso, WA 98626
 (360) 577-9194

NOVA Contracting, Inc.
 P.O. Box 177
 Littlerock, WA 98556
 (360) 754-2600

Engineers Estimate

TOTAL BID		\$1,243,481.00	\$1,292,000.00	\$0.00	\$992,950.00			
1	MOBILIZATION	1	L.S.	166,904.00	130,000.00	0.00	46,500.00	46,500.00
2	CLEARING AND GRUBBING	1	L.S.	15,609.00	81,000.00	0.00	8,000.00	8,000.00
3	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1	L.S.	20,379.00	79,000.00	0.00	5,000.00	5,000.00
4	ROADWAY EXCAVATION INCL. HAUL	155	C.Y.	48.00	20.00	0.00	14.00	2,170.00
5	SELECT BORROW INCL. HAUL	3,870	TON	29.00	112,230.00	0.00	21.00	81,270.00
6	CHANNEL EXCAVATION INCL. HAUL	1,370	C.Y.	32.00	43,840.00	0.00	30.00	41,100.00
7	QUARRY SPALLS FOR UNSUITABLE BASE MATERIAL	325	TON	36.00	11,700.00	0.00	75.00	24,375.00
8	STREAMBED MIX	1,575	TON	33.00	51,975.00	0.00	56.00	91,350.00
9	UNDERDRAIN PIPE, 4 IN. DIAM.	90	L.F.	59.00	5,310.00	0.00	15.00	1,560.00
10	TEMPORARY STREAM DIVERSION	1	L.S.	66,029.00	63,000.00	0.00	48,500.00	48,500.00
11	STRUCTURE EXCAVATION CLASS A INCL. HAUL	2,290	C.Y.	26.00	59,540.00	0.00	30.00	68,700.00
12	GRAVEL BACKFILL FOR WALL	105	C.Y.	65.00	6,825.00	0.00	45.00	4,725.00
13	ST. REINF. BAR FOR WALL	4,340	LBS.	1.60	6,944.00	0.00	1.00	4,340.00
14	CONC. CLASS 4000	58	C.Y.	150.00	8,700.00	0.00	800.00	46,400.00
15	PRECAST REINF. CONC. SPLIT-BOX CULVERT	1	L.S.	258,212.00	249,250.00	0.00	195,000.00	195,000.00
16	CRUSHED SURFACING BASE COURSE	550	TON	39.00	21,450.00	0.00	35.00	19,250.00
17	SHOULDER FINISHING	45	TON	407.00	18,315.00	0.00	75.00	3,375.00
18	HMA CL. 1/2 IN PG 58H-22	165	TON	267.00	44,055.00	0.00	95.00	15,675.00
19	ESC LEAD	12	DAY	486.00	5,832.00	0.00	300.00	3,600.00
20	STABILIZED CONSTRUCTION ENTRANCE	150	S.Y.	28.00	4,200.00	0.00	18.00	2,700.00
21	EROSION / WATER POLLUTION CONTROL	1	EST.	5,000.00	5,000.00	0.00	5,000.00	5,000.00
22	FLEX MSE BANK PROTECTION	90	S.Y.	324.00	29,160.00	0.00	190.00	17,100.00
23	LARGE WOODY DEBRIS	12	EA.	2,809.00	33,708.00	0.00	1,500.00	18,000.00
24	PLANTING MITIGATION CONSTRUCTION	1	L.S.	18,095.00	20,000.00	0.00	39,000.00	39,000.00
25	TEMPORARY BYPASS ROAD	1	L.S.	44,562.00	122,000.00	0.00	86,000.00	86,000.00
26	HIGH VISIBILITY SILT FENCE	330	L.F.	4.00	1,320.00	0.00	7.00	2,310.00
27	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	4	EA.	1,182.00	4,728.00	0.00	3,500.00	14,000.00
28	BEAM GUARDRAIL TYPE 31	250	L.F.	443.00	110,750.00	0.00	35.00	8,750.00
29	PAINT LINE	660	L.F.	2.00	1,320.00	0.00	1.00	660.00
30	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	18,216.00	41,000.00	0.00	54,000.00	54,000.00
31	FOUNDATION MATERIAL CLASS A	125	C.Y.	44.00	5,500.00	0.00	50.00	6,250.00
32	TRIMMING AND CLEANUP	1	L.S.	6,990.00	6,000.00	0.00	2,500.00	2,500.00
33	REIMBURSEMENT FOR THIRD PARTY DAMAGE	0	EST.	0.00	0.00	0.00	0.00	0.00
34	MINOR CHANGE	1	CALC.	25,000.00	25,000.00	0.00	25,000.00	25,000.00
35	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN	1	L.S.	3,643.00	600.00	0.00	1,000.00	1,000.00

** Altered Form