

Mickelsen Parkway Project
CRP 2121
June 30, 2020

Midway Underground
881 State Route 505
Toledo, WA 98591
360-864-8810

Sterling Breen
Crushing
887 State Route 507
Centralia, WA 98531
360-736-4240

Rognlin's Inc.
PO Box 307
Aberdeen, WA 98520

Scarcella Bros., Inc.
PO Box 68697
Seattle, WA 98168

Engineers Estimate

TOTAL BID ALL SCHEDULES													
SCHEDULE A TOTAL													
1	Mobilization	1 L.S.	75,000.00	75,000.00	94,453.00	200,000.00	200,000.00	215,000.00	215,000.00	280,000.00	280,000.00	2,468,720.00	
2	Cleaning and Grubbing	1 L.S.	16,500.00	16,500.00	16,800.00	90,000.00	90,000.00	24,149.62	24,149.62	30,000.00	30,000.00		
3	Removal of Structures and Obstructions	1 L.S.	12,500.00	12,500.00	5,340.00	2,500.00	2,500.00	1,500.00	1,500.00	2,000.00	2,000.00		
4	Roadway Excavation Incl. Haul	11,500 CY	6.00	69,000.00	9.00	103,500.00	16.00	184,000.00	13.25	152,375.00	20.00	230,000.00	
5	Gravel Borrow, Incl. Haul	28,000 TN	14.50	406,000.00	14.50	406,000.00	19.00	532,000.00	14.75	413,000.00	20.00	560,000.00	
6	Cement for Cement Treated Base	590 TN	152.00	89,680.00	165.00	97,350.00	170.00	100,300.00	152.00	89,680.00	200.00	118,000.00	
7	Cement Treated Base	12,200 SY	2.50	30,500.00	3.00	36,500.00	1.50	18,300.00	3.35	40,870.00	10.00	122,000.00	
8	Quarry Spalls	60 TN	60.00	3,600.00	37.00	2,220.00	30.00	1,800.00	45.00	2,700.00	60.00	3,600.00	
9	Catch Basin Type 2 48 In. Diam	3 EA	4,500.00	13,500.00	2,900.00	8,700.00	3,000.00	9,000.00	3,375.00	10,125.00	3,000.00	9,000.00	
10	Catch Basin Type 2 54 In. Diam	2 EA	6,500.00	13,000.00	3,750.00	7,500.00	3,400.00	6,800.00	4,050.00	8,100.00	4,000.00	8,000.00	
11	Catch Basin Type 2 54 In. Diam With Flow Control	1 EA	7,500.00	7,500.00	5,350.00	5,350.00	5,800.00	6,250.00	6,250.00	6,250.00	6,000.00	6,000.00	
12	Testing Storm Sewer Pipe	710 LF	2.00	1,420.00	5.00	3,550.00	5.00	3,550.00	4.00	2,840.00	10.00	7,100.00	
13	Schedule A Storm Sewer Pipe 12 In. Diam.	340 LF	65.00	22,100.00	38.00	12,920.00	29.00	9,860.00	41.00	13,940.00	65.00	22,100.00	
14	Schedule A Storm Sewer Pipe 24 In. Diam.	370 LF	75.00	27,750.00	65.50	24,235.00	56.00	20,720.00	78.05	28,873.50	80.00	29,600.00	
15	CL 52 DI Pipe 12 In. Diam.	760 LF	105.00	79,800.00	78.00	59,280.00	52.00	38,520.00	80.20	60,962.00	75.00	57,000.00	
16	Storm Trash Rack	2 EA	1,250.00	2,500.00	475.00	950.00	600.00	1,200.00	1,325.00	2,650.00	500.00	1,000.00	
17	Crushed Surfacing Top course	6,200 TN	24.00	148,800.00	19.00	117,800.00	21.00	130,200.00	22.10	137,020.00	25.00	155,000.00	
18	Asphalt Treated Base	4,050 TN	65.00	263,250.00	65.00	263,250.00	68.00	275,400.00	62.00	251,100.00	85.00	344,250.00	
19	HMA CI 1/2" PG 58V-22 Fiber Reinforced	2,000 TN	110.00	220,000.00	115.00	230,000.00	115.00	230,000.00	105.00	210,000.00	90.00	180,000.00	
20	ESC Lead	10 DAY	250.00	2,500.00	320.00	3,200.00	102.10	1,021.00	360.00	3,600.00	800.00	8,000.00	
21	Inlet Protection	5 EA	75.00	375.00	70.00	350.00	60.00	300.00	100.00	500.00	100.00	500.00	
22	Stabilized Construction Entrance	250 SY	18.00	4,500.00	17.00	4,250.00	11.00	2,750.00	15.00	3,750.00	40.00	10,000.00	
23	Street Cleaning	40 HR	65.00	2,600.00	125.00	5,000.00	125.00	5,000.00	175.00	7,000.00	100.00	4,000.00	
24	Silt Fence	3,450 LF	4.00	13,800.00	3.50	12,075.00	5.00	17,250.00	4.00	13,800.00	4.00	13,800.00	
25	Erosion/Water Pollution Control	1 EST.	10,000.00	10,000.00	1,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	
26	Seeding, Fertilizing and Mulching	21,600 SY	1.20	25,920.00	1.25	27,000.00	1.00	21,600.00	1.00	21,600.00	1.00	21,600.00	
27	Topsoil Type C	2,400 CY	5.00	12,000.00	35.50	94,500.00	45.00	108,000.00	15.00	36,000.00	35.00	84,000.00	
28	Erosion Control Blanket	50 SY	17.00	850.00	13.00	650.00	19.00	950.00	12.50	625.00	10.00	500.00	
29	Storm Pond Planting and Restoration	1 L.S.	30,000.00	30,000.00	28,400.00	35,000.00	35,000.00	20,000.00	20,000.00	36,500.00	36,500.00	36,500.00	
30	Paint Line	10,800 LF	1.00	10,800.00	0.40	4,320.00	0.50	5,400.00	0.38	4,104.00	1.00	10,800.00	
31	Paint Stop Line	35 LF	6.00	210.00	10.00	350.00	18.00	630.00	9.00	315.00	30.00	1,050.00	
32	Permanent Signage	1 L.S.	4,500.00	4,500.00	1,650.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	5,000.00	5,000.00	
33	Project Temporary Traffic Control	1 L.S.	12,500.00	12,500.00	22,650.00	7,000.00	7,000.00	40,000.00	40,000.00	40,000.00	8,000.00	8,000.00	
34	Conduit Pipe 2 In. Diam.	4,155 LF	2.50	10,387.50	6.50	27,007.50	6.00	24,930.00	8.75	36,356.25	4.00	16,620.00	
35	Junction Box	18 EA	750.00	13,500.00	1,100.00	19,800.00	800.00	14,400.00	600.00	10,800.00	800.00	14,400.00	
36	Structure Excavation Class B	80 CY	30.00	2,400.00	48.00	3,840.00	20.00	1,600.00	40.00	3,200.00	20.00	1,600.00	
37	Shoring or Extra Excavation Class B Incl. Haul	2,600 SF	1.00	2,600.00	1.00	2,600.00	0.50	1,300.00	0.30	780.00	1.00	2,600.00	
38	Roadway Surveying	1 L.S.	15,000.00	15,000.00	39,050.00	20,000.00	20,000.00	50,000.00	50,000.00	10,000.00	10,000.00	17,000.00	
39	Chain Link Fence, Type 3	680 LF	24.00	16,320.00	25.00	17,000.00	25.00	17,000.00	23.00	15,640.00	25.00	17,000.00	
40	End, Gate, Corner, and Pull Post for Chain Link Fence	17 EA	75.00	1,275.00	65.00	1,105.00	65.00	1,105.00	60.00	1,020.00	300.00	5,100.00	
41	Double 14 FT. Chain Link Gate	1 EA	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,100.00	1,100.00	1,100.00	2,000.00	2,000.00	
42	Minor Change	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	
43	SPCC Plan	1 L.S.	1,000.00	1,000.00	850.00	850.00	500.00	1,500.00	1,500.00	1,500.00	1,000.00	1,000.00	
SCHEDULE B: WATER MAIN													

101	Removal and Replacement of Unsuitable Material	50 CY	75.00	3,750.00	85.00	4,250.00	55.00	2,750.00	55.00	2,750.00	50.00	2,500.00
102	Connection to Existing Water Main	1 EA	1,250.00	1,250.00	4,200.00	4,200.00	800.00	800.00	2,500.00	2,500.00	4,000.00	4,000.00
103	Gate Valve 12 In.	19 EA	3,250.00	61,750.00	3,425.00	65,075.00	2,800.00	53,200.00	3,575.00	67,925.00	3,000.00	57,000.00
104	Comb. Air Release/Air Vacuum Valve Assembly 2 In.	1 EA	4,500.00	4,500.00	5,945.00	5,945.00	4,000.00	4,000.00	5,370.00	5,370.00	3,500.00	3,500.00
105	In-Line Blow-Off Assembly	1 EA	3,500.00	3,500.00	2,650.00	2,650.00	2,000.00	2,000.00	3,300.00	3,300.00	3,000.00	3,000.00
106	End Blow-Off Assembly	6 EA	1,750.00	10,500.00	2,250.00	13,560.00	2,000.00	12,000.00	2,955.50	17,733.00	3,000.00	18,000.00
107	Hydrant Assembly	6 EA	7,500.00	45,000.00	7,460.00	44,760.00	6,800.00	40,800.00	7,910.00	47,460.00	5,500.00	33,000.00
108	PVC Pipe for Water Main 12 In. Diam.	3,940 LF	48.00	189,120.00	42.00	165,480.00	37.00	145,780.00	56.92	224,264.80	50.00	197,000.00
109	Additional Ductile Iron Fittings	2,500 LB	4.00	10,000.00	5.00	12,500.00	8.00	20,000.00	7.00	17,500.00	3.00	7,500.00
110	Minor Change	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
111	Shoring or Extra Excavation Class B Incl. Haul	9,300 SF	1.00	9,300.00	0.50	4,650.00	0.50	4,650.00	0.30	2,790.00	1.00	9,300.00
112	Gravel Borrow, Incl. Haul	200 TN	17.00	3,400.00	28.50	5,700.00	19.00	3,800.00	14.75	2,950.00	40.00	8,000.00
SCHEDULE B SUBTOTAL:				347,070.00		333,770.00		294,780.00		399,542.80		347,800.00
SCHEDULE B SALES TAX @ 7.8%				27,071.46		26,034.06		22,992.84		31,164.34		27,128.40
SCHEDULE B TOTAL				374,141.46		359,804.06		317,772.84		430,707.14		374,928.40
SCHEDULE C: SEWER MAIN												
201	Removal and Replacement of Unsuitable Material	50 CY	65.00	3,250.00	85.00	4,250.00	55.00	2,750.00	55.00	2,750.00	50.00	2,500.00
202	Sewer Force Main 4 In. Diam.	3,530 LF	26.00	88,250.00	19.00	67,070.00	8.00	28,240.00	25.75	90,897.50	42.00	148,260.00
203	Sewer Force Main 8 In. Diam.	3,965 LF	30.00	118,950.00	20.50	81,282.50	12.00	47,580.00	30.00	118,950.00	62.00	245,530.00
204	Minor Change	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
205	Shoring or Extra Excavation Class B Incl. Haul	11,500 SF	1.00	11,500.00	0.50	5,750.00	0.50	5,750.00	0.50	5,750.00	1.00	11,500.00
206	Gravel Borrow, Incl. Haul	300 TN	17.00	5,100.00	28.50	8,550.00	19.00	5,700.00	14.75	4,425.00	40.00	12,000.00
SCHEDULE C SUBTOTAL:				232,050.00		171,902.50		95,020.00		227,772.50		425,090.00
SCHEDULE C SALES TAX @ 7.8%				18,099.90		13,408.40		7,411.56		17,766.26		33,157.02
SCHEDULE C TOTAL				250,149.90		185,310.90		102,431.56		245,538.76		458,247.02

Mickelsen Parkway Project
CRP 2121
June 30, 2020

Granite Construction
 Co
 3200 113th Avenue
 SW
 Olympia, WA 98512

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

Kerr Contractors
 Oregon
 PO Box 1060
 Woodburn, OR 97071

Black Hills Excavating
 3439 93rd Ave SW
 Olympia, WA 98512

Engineers Estimate

TOTAL BID ALL SCHEDULES													
SCHEDULE A TOTAL													
1	Mobilization	1 L.S.	537,000.00	537,000.00	2,096,527.50	2,096,527.50	170,000.00	170,000.00	22,293,615.09	22,293,615.09	200,003.25	200,003.25	113,300.00
2	Clearing and Grubbing	1 L.S.	60,000.00	60,000.00	16,416.59	16,416.59	4,000.00	4,000.00	4,400.00	4,400.00	76,966.00	76,966.00	30,000.00
3	Removal of Structures and Obstructions	1 L.S.	5,000.00	5,000.00	10,000.00	10,000.00	1,900.00	1,900.00	230,000.00	230,000.00	32.00	32.00	2,000.00
4	Roadway Excavation Incl. Haul	11,500 CY	15.00	172,500.00	28.50	339,250.00	20.00	230,000.00	22.00	616,000.00	152.00	89,680.00	200.00
5	Gravel Borrow, Incl. Haul	28,000 TN	8.00	224,000.00	17.50	490,000.00	100,300.00	85,550.00	3.00	36,600.00	36.00	26,840.00	10.00
6	Cement for Cement Treated Base	590 TN	175.00	103,250.00	2.50	30,500.00	94.50	5,670.00	70.00	4,200.00	3,800.00	11,400.00	3,600.00
7	Cement Treated Base	12,200 SY	2.50	30,500.00	94.50	5,670.00	11,310.00	3,950.00	11,850.00	8,120.00	5,100.00	10,200.00	4,000.00
8	Quarry Spalls	60 TN	75.00	4,500.00	3,770.00	11,310.00	8,340.00	4,060.00	7,750.00	7,750.00	5,200.00	5,200.00	6,000.00
9	Catch Basin Type 2 48 In. Diam	3 EA	4,000.00	12,000.00	4,170.00	8,340.00	4,060.00	7,750.00	1,242.50	17.85	12,673.50	10.00	7,100.00
10	Catch Basin Type 2 54 In. Diam	2 EA	5,000.00	10,000.00	6,475.00	6,475.00	63.00	21,420.00	66.00	22,440.00	65.00	22,100.00	80.00
11	Catch Basin Type 2 54 In. Diam With Flow Control	1 EA	7,000.00	7,000.00	11.50	8,165.00	69.00	38,110.00	106.00	39,220.00	80.00	29,600.00	80.00
12	Testing Storm Sewer Pipe	710 LF	2.00	1,420.00	42.00	29,640.00	103.00	72,000.00	110.00	83,600.00	75.00	57,000.00	75.00
13	Schedule A Storm Sewer Pipe 12 In. Diam.	340 LF	25.00	8,500.00	72.00	24,600.00	96.00	1,230.00	2,460.00	950.00	25.00	155,000.00	25.00
14	Schedule A Storm Sewer Pipe 24 In. Diam.	370 LF	65.00	24,050.00	68.00	25,240.00	27.00	167,400.00	26.00	181,200.00	25.00	344,250.00	85.00
15	CI 52 DI Pipe 12 In. Diam.	760 LF	70.00	53,200.00	525.00	1,050.00	1,230.00	2,460.00	950.00	25.00	155,000.00	25.00	155,000.00
16	Storm Trash Rack	2 EA	1,000.00	2,000.00	22.25	137,950.00	62.00	251,100.00	110.00	220,000.00	90.00	180,000.00	800.00
17	Crushed Surfacing Top course	6,200 TN	18.00	111,600.00	68.50	277,425.00	105.00	210,000.00	200.00	45.00	225.00	100.00	500.00
18	Asphalt Treated Base	4,050 TN	85.00	344,250.00	17.50	5,480.00	21.00	5,250.00	16.00	4,000.00	40.00	10,000.00	4,000.00
19	HMA CI 11/2 PG 58V-22 Fiber Reinforced	2,000 TN	85.00	170,000.00	116.00	232,000.00	105.00	210,000.00	200.00	45.00	225.00	100.00	500.00
20	ESC Lead	10 DAY	100.00	1,000.00	69.00	345.00	85.00	425.00	45.00	225.00	100.00	500.00	8,000.00
21	Inlet Protection	5 EA	100.00	500.00	17.50	4,375.00	21.00	5,250.00	16.00	4,000.00	40.00	10,000.00	4,000.00
22	Stabilized Construction Entrance	250 SY	25.00	6,250.00	5.50	18,975.00	4.54	15,663.00	5.50	18,975.00	4.00	13,800.00	10,000.00
23	Street Cleaning	40 HR	75.00	3,000.00	137.00	5,380.00	230.00	9,250.00	120.00	4,800.00	100.00	4,000.00	13,800.00
24	Silt Fence	3,450 LF	6.00	20,700.00	1.00	21,600.00	0.90	19,440.00	1.20	25,920.00	1.00	21,600.00	21,600.00
25	Erosion/Water Pollution Control	1 EST.	10,000.00	10,000.00	43.00	103,200.00	5.13	256.50	20.00	1,000.00	10.00	500.00	500.00
26	Seeding, Fertilizing and Mulching	21,600 SY	1.00	21,600.00	18.50	925.00	25.820.00	25,820.00	15,000.00	15,000.00	36,500.00	36,500.00	36,500.00
27	Topsail Type C	2,400 CY	23.00	55,200.00	10.00	24,000.00	11,000.00	11,000.00	40,000.00	40,000.00	8,000.00	8,000.00	8,000.00
28	Erosion Control Blanket	50 SY	8.00	400.00	0.50	5,400.00	0.60	6,480.00	9.20	3,132.00	30.00	1,050.00	1,050.00
29	Storm Pond Planting and Restoration	1 L.S.	30,000.00	30,000.00	2,500.00	2,500.00	1,500.00	1,500.00	40,000.00	40,000.00	8,000.00	8,000.00	8,000.00
30	Paint Line	10,800 LF	0.50	5,400.00	10.00	350.00	9.00	315.00	9.20	3,132.00	30.00	1,050.00	1,050.00
31	Paint Stop Line	35 LF	11.00	385.00	2,500.00	2,500.00	1,500.00	1,500.00	40,000.00	40,000.00	8,000.00	8,000.00	8,000.00
32	Permanent Signage	1 L.S.	5,000.00	5,000.00	24,500.00	24,500.00	11,000.00	11,000.00	40,000.00	40,000.00	8,000.00	8,000.00	8,000.00
33	Project Temporary Traffic Control	1 L.S.	35,000.00	35,000.00	6.50	27,007.50	6.05	25,137.75	4.00	16,620.00	4.00	16,620.00	16,620.00
34	Conduit Pipe 2 In. Diam.	4,155 LF	2.50	10,387.50	1,250.00	22,500.00	1,150.00	20,700.00	48.00	3,840.00	20.00	1,600.00	1,600.00
35	Junction Box	18 EA	1,500.00	27,000.00	8.00	640.00	45.00	3,600.00	1.50	3,900.00	1.00	2,600.00	2,600.00
36	Structure Excavation Class B	80 CY	4.00	320.00	0.01	26.00	23.00	16,960.00	22.00	14,960.00	25.00	17,000.00	17,000.00
37	Shoring or Extra Excavation Class B Incl. Haul	2,600 SF	0.10	260.00	42,350.00	42,350.00	44,370.00	44,370.00	10,000.00	10,000.00	300.00	3,570.00	3,570.00
38	Roadway Surveying	1 L.S.	40,000.00	40,000.00	65.00	1,105.00	1,100.00	1,100.00	20,000.00	20,000.00	2,000.00	2,000.00	2,000.00
39	Chain Link Fence, Type 3	680 LF	21.00	14,280.00	20.00	230,000.00	22.00	616,000.00	152.00	89,680.00	200.00	118,000.00	118,000.00
40	End, Gate, Corner, and Pull Post for Chain Link Fence	17 EA	225.00	3,825.00	1,200.00	1,200.00	1,100.00	1,100.00	20,000.00	20,000.00	2,000.00	2,000.00	2,000.00
41	Double 14 TT Chain Link Gate	1 EA	1,500.00	1,500.00	150.00	150.00	500.00	500.00	1,500.00	1,500.00	1,000.00	1,000.00	1,000.00
42	Minor Change	1 CALG	20,000.00	20,000.00	150.00	150.00	500.00	500.00	1,500.00	1,500.00	1,000.00	1,000.00	1,000.00
43	SPCC Plan	1 L.S.	1,000.00	1,000.00	150.00	150.00	500.00	500.00	1,500.00	1,500.00	1,000.00	1,000.00	1,000.00

SCHEDULE B: WATER MAIN												
101	Removal and Replacement of Unsuitable Material	50 CY	25.00	1,250.00	123.00	6,150.00	70.00	3,500.00	90.00	4,500.00	50.00	2,500.00
102	Connection to Existing Water Main	1 EA	5,000.00	5,000.00	1,600.00	1,600.00	1,240.00	3,200.00	3,200.00	3,200.00	4,000.00	4,000.00
103	Gate Valve 12 In.	19 EA	3,500.00	66,500.00	3,300.00	62,700.00	2,960.00	54,340.00	3,934.00	74,746.00	3,000.00	57,000.00
104	Comb. Air Release/Air Vacuum Valve Assembly 2 In.	1 EA	6,000.00	6,000.00	6,200.00	6,200.00	5,675.00	5,675.00	7,810.00	7,810.00	3,500.00	3,500.00
105	In-Line Blow-Off Assembly	1 EA	4,000.00	4,000.00	4,080.00	4,080.00	2,650.00	2,650.00	3,076.00	3,076.00	3,000.00	3,000.00
106	End Blow-Off Assembly	6 EA	3,000.00	18,000.00	3,700.00	22,200.00	2,360.00	14,160.00	1,912.00	11,472.00	3,000.00	18,000.00
107	Hydrant Assembly	6 EA	6,000.00	36,000.00	9,550.00	57,300.00	6,750.00	40,500.00	5,200.00	31,200.00	5,500.00	33,000.00
108	PVC Pipe for Water Main 12 In. Diam.	3,940 LF	51.00	200,940.00	50.00	197,000.00	53.00	208,820.00	49.00	193,060.00	50.00	197,000.00
109	Additional Ductile Iron Fittings	2,500 LB	4.00	10,000.00	4.00	10,000.00	3.25	8,125.00	5.22	13,050.00	3.00	7,500.00
110	Minor Charge	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
111	Shooting or Extra Excavation Class B Incl. Haul	9,300 SF	0.10	930.00	0.01	83.00	0.45	4,185.00	1.50	13,950.00	1.00	9,300.00
112	Gravel Borrow, Incl. Haul	200 TN	30.00	6,000.00	35.00	7,000.00	17.00	3,400.00	22.00	4,400.00	40.00	8,000.00
SCHEDULE B SUBTOTAL:				359,620.00		379,323.00		351,595.00		365,464.00		347,800.00
SCHEDULE B SALES TAX @ 7.8%				28,050.36		29,587.19		27,424.41		28,506.19		27,128.40
SCHEDULE B TOTAL				387,670.36		408,910.19		379,019.41		393,970.19		374,928.40
SCHEDULE C: SEWER MAIN												
201	Removal and Replacement of Unsuitable Material	50 CY	25.00	1,250.00	123.00	6,150.00	70.00	3,500.00	90.00	4,500.00	50.00	2,500.00
202	Sewer Force Main 4 In. Diam.	3,530 LF	18.50	65,305.00	15.50	54,715.00	30.00	105,900.00	22.00	77,660.00	42.00	148,260.00
203	Sewer Force Main 8 In. Diam.	3,965 LF	28.00	111,020.00	22.50	89,212.50	42.00	166,530.00	29.00	114,985.00	62.00	245,630.00
204	Minor Charge	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
205	Shooting or Extra Excavation Class B Incl. Haul	11,500 SF	0.10	1,150.00	0.01	115.00	0.45	5,175.00	1.50	17,280.00	1.00	11,500.00
206	Gravel Borrow, Incl. Haul	300 TN	30.00	9,000.00	28.00	8,400.00	17.00	5,100.00	22.00	6,600.00	40.00	12,000.00
SCHEDULE C SUBTOTAL:				192,725.00		163,592.50		291,205.00		225,995.00		425,090.00
SCHEDULE C SALES TAX @ 7.8%				15,032.55		12,760.22		22,713.99		17,627.61		33,157.02
SCHEDULE C TOTAL				207,757.55		176,352.72		313,918.99		243,622.61		458,247.02

Mickelsen Parkway Project
CRP 2121
June 30, 2020

Northwest Cascade
Inc.
PO Box 73399
Puyallup, WA 98373

Engineers Estimate

TOTAL BID ALL SCHEDULES											
SCHEDULE A TOTAL											
1	Mobilization	1 L.S.	258,000.00	2,635,299.00	\$0.00	0.00	0.00	0.00	0.00	280,000.00	2,468,720.00
2	Cleaning and Grubbing	1 L.S.	134,000.00	134,000.00	0.00	0.00	0.00	0.00	0.00	30,000.00	30,000.00
3	Removal of Structures and Obstructions	1 L.S.	200.00	200.00	0.00	0.00	0.00	0.00	0.00	2,000.00	2,000.00
4	Roadway Excavation Incl. Haul	11,500 CY	25.00	287,500.00	0.00	0.00	0.00	0.00	0.00	20.00	230,000.00
5	Gravel Borrow, Incl. Haul	28,000 TN	22.25	623,000.00	0.00	0.00	0.00	0.00	0.00	20.00	560,000.00
6	Cement for Cement Treated Base	590 TN	164.00	96,760.00	0.00	0.00	0.00	0.00	0.00	200.00	118,000.00
7	Cement Treated Base	12,200 SY	4.54	55,388.00	0.00	0.00	0.00	0.00	0.00	10.00	122,000.00
8	Quarry Spalls	60 TN	50.00	3,000.00	0.00	0.00	0.00	0.00	0.00	60.00	3,600.00
9	Catch Basin Type 2 48 In. Diam	3 EA	2,300.00	6,900.00	0.00	0.00	0.00	0.00	0.00	3,000.00	9,000.00
10	Catch Basin Type 2 54 In. Diam	2 EA	2,425.00	4,850.00	0.00	0.00	0.00	0.00	0.00	4,000.00	8,000.00
11	Catch Basin Type 2 54 In. Diam With Flow Control	1 EA	5,900.00	5,900.00	0.00	0.00	0.00	0.00	0.00	6,000.00	6,000.00
12	Testing Storm Sewer Pipe	710 LF	1.00	710.00	0.00	0.00	0.00	0.00	0.00	10.00	7,100.00
13	Schedule A Storm Sewer Pipe 12 In. Diam.	340 LF	36.00	12,240.00	0.00	0.00	0.00	0.00	0.00	65.00	22,100.00
14	Schedule A Storm Sewer Pipe 24 In. Diam.	370 LF	95.00	35,150.00	0.00	0.00	0.00	0.00	0.00	80.00	29,600.00
15	CI 52 DI Pipe 12 In. Diam.	760 LF	71.00	53,960.00	0.00	0.00	0.00	0.00	0.00	75.00	57,000.00
16	Storm Trash Rack	2 EA	500.00	1,000.00	0.00	0.00	0.00	0.00	0.00	500.00	1,000.00
17	Crushed Surfacing Top course	6,200 TN	21.00	130,200.00	0.00	0.00	0.00	0.00	0.00	25.00	155,000.00
18	Asphalt Treated Base	4,050 TN	72.50	293,625.00	0.00	0.00	0.00	0.00	0.00	85.00	344,250.00
19	HMA CI 1/2" PG 58V-22 Fiber Reinforced	2,000 TN	115.00	230,000.00	0.00	0.00	0.00	0.00	0.00	90.00	180,000.00
20	ESC Lead	10 DAY	125.00	1,250.00	0.00	0.00	0.00	0.00	0.00	800.00	8,000.00
21	Inlet Protection	5 EA	85.00	425.00	0.00	0.00	0.00	0.00	0.00	100.00	500.00
22	Stabilized Construction Entrance	250 SY	22.00	5,500.00	0.00	0.00	0.00	0.00	0.00	40.00	10,000.00
23	Street Cleaning	40 HR	190.00	7,600.00	0.00	0.00	0.00	0.00	0.00	100.00	4,000.00
24	Silt Fence	3,450 LF	3.00	10,350.00	0.00	0.00	0.00	0.00	0.00	4.00	13,800.00
25	Erosion/Water Pollution Control	1 EST.	10,000.00	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	10,000.00
26	Seeding, Fertilizing and Mulching	21,600 SY	0.85	18,360.00	0.00	0.00	0.00	0.00	0.00	1.00	21,600.00
27	Topsoil Type C	2,400 CY	44.00	105,600.00	0.00	0.00	0.00	0.00	0.00	35.00	84,000.00
28	Erosion Control Blanket	50 SY	4.00	200.00	0.00	0.00	0.00	0.00	0.00	10.00	500.00
29	Storm Pond Planting and Restoration	1 L.S.	13,700.00	13,700.00	0.00	0.00	0.00	0.00	0.00	35,500.00	36,500.00
30	Paint Line	10,800 LF	0.50	5,400.00	0.00	0.00	0.00	0.00	0.00	1.00	10,800.00
31	Paint Stop Line	35 LF	10.00	350.00	0.00	0.00	0.00	0.00	0.00	30.00	1,050.00
32	Permanent Signage	1 L.S.	2,800.00	2,800.00	0.00	0.00	0.00	0.00	0.00	5,000.00	5,000.00
33	Project Temporary Traffic Control	1 L.S.	12,500.00	12,500.00	0.00	0.00	0.00	0.00	0.00	8,000.00	8,000.00
34	Conduit Pipe 2 In. Diam.	4,155 LF	26.00	108,030.00	0.00	0.00	0.00	0.00	0.00	4.00	16,620.00
35	Junction Box	18 EA	700.00	12,600.00	0.00	0.00	0.00	0.00	0.00	800.00	14,400.00
36	Structure Excavation Class B	80 CY	23.00	1,840.00	0.00	0.00	0.00	0.00	0.00	20.00	1,600.00
37	Shoring or Extra Excavation Class B Incl. Haul	2,600 SF	0.50	1,300.00	0.00	0.00	0.00	0.00	0.00	1.00	2,600.00
38	Roadway Surveying	1 L.S.	45,000.00	45,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00	10,000.00
39	Chain Link Fence, Type 3	680 LF	22.00	14,960.00	0.00	0.00	0.00	0.00	0.00	25.00	17,000.00
40	End, Gate, Corner, and Pull Post for Chain Link Fence	17 EA	225.00	3,825.00	0.00	0.00	0.00	0.00	0.00	300.00	5,100.00
41	Double 14 FT. Chain Link Gate	1 EA	1,275.00	1,275.00	0.00	0.00	0.00	0.00	0.00	2,000.00	2,000.00
42	Minor Change	1 CALC	20,000.00	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	20,000.00
43	SPCC Plan	1 L.S.	250.00	250.00	0.00	0.00	0.00	0.00	0.00	1,000.00	1,000.00

SCHEDULE B: WATER MAIN													
101	Removal and Replacement of Unsuitable Material	50 CY	53.00	2,650.00		0.00		0.00		0.00	50.00	2,500.00	
102	Connection to Existing Water Main	1 EA	2,300.00	2,300.00		0.00		0.00		0.00	4,000.00	4,000.00	
103	Gate Valve 12 In.	19 EA	2,900.00	55,100.00		0.00		0.00		0.00	3,000.00	57,000.00	
104	Comb. Air Release/Air Vacuum Valve Assembly 2 In.	1 EA	5,300.00	5,300.00		0.00		0.00		0.00	3,500.00	3,500.00	
105	In-Line Blow-Off Assembly	1 EA	3,300.00	3,300.00		0.00		0.00		0.00	3,000.00	3,000.00	
106	End Blow-Off Assembly	6 EA	2,000.00	12,000.00		0.00		0.00		0.00	3,000.00	18,000.00	
107	Hydrant Assembly	6 EA	5,600.00	33,600.00		0.00		0.00		0.00	5,500.00	33,000.00	
108	PVC Pipe for Water Main 12 In. Diam.	3,940 LF	37.00	145,780.00		0.00		0.00		0.00	50.00	197,000.00	
109	Additional Ductile Iron Fittings	2,500 LB	4.50	11,250.00		0.00		0.00		0.00	3.00	7,500.00	
110	Minor Change	1 CALC	5,000.00	5,000.00		0.00		0.00		0.00	5,000.00	5,000.00	
111	Shoring or Extra Excavation Class B Incl. Haul	9,300 SF	0.50	4,650.00		0.00		0.00		0.00	1.00	9,300.00	
112	Gravel Borrow, Incl. Haul	200 TN	20.00	4,000.00		0.00		0.00		0.00	40.00	8,000.00	
SCHEDULE B SUBTOTAL:				284,930.00		0.00		0.00		0.00		347,800.00	
SCHEDULE B SALES TAX @ 7.8%				22,224.54		0.00		0.00		0.00		27,128.40	
SCHEDULE B TOTAL				307,154.54		0.00		0.00		0.00		374,928.40	
SCHEDULE C: SEWER MAIN													
201	Removal and Replacement of Unsuitable Material	50 CY	53.00	2,650.00		0.00		0.00		0.00	50.00	2,500.00	
202	Sewer Force Main 4 In. Diam.	3,530 LF	27.00	95,310.00		0.00		0.00		0.00	42.00	148,260.00	
203	Sewer Force Main 8 In. Diam.	3,965 LF	32.00	126,880.00		0.00		0.00		0.00	62.00	245,630.00	
204	Minor Change	1 CALC	5,000.00	5,000.00		0.00		0.00		0.00	5,000.00	5,000.00	
205	Shoring or Extra Excavation Class B Incl. Haul	11,500 SF	0.50	5,750.00		0.00		0.00		0.00	1.00	11,500.00	
206	Gravel Borrow, Incl. Haul	300 TN	21.00	6,300.00		0.00		0.00		0.00	40.00	12,000.00	
SCHEDULE C SUBTOTAL:				241,890.00		0.00		0.00		0.00		425,090.00	
SCHEDULE C SALES TAX @ 7.8%				18,867.42		0.00		0.00		0.00		33,157.02	
SCHEDULE C TOTAL				260,757.42		0.00		0.00		0.00		458,247.02	