PROJECT: COLUMBIA WAY; ESTHER ST; GRANT ST STREET IMPROVEMENTS

BID OPENING: NOVEMBER 25 25, 2014

PROJECT NO. 071615

ENGINEER'S ESTIMATE: $5,607,115

				Rotschy Inc 9210 NE 62nd Ave Vancouver WA 98665 360-334-3100 BID BOND Complete in 100 working days		Tapani Inc 1904 SE 6th Place Battle Ground WA 98604 360-687-1148 BID BOND Complete in 100 working days		Nutter Corp 7211-A NE 43rd Ave Vancouver WA 98661 360-573-2000 BID BOND Complete in 100 working days		Columbia Pacific Const 175 Hansen Lane Woodland WA 98674 360-225-6323 BID BOND Complete in 100 working days		Kerr Contractors Oregon Inc PO Box 1060 Woodburn OR 97071 971-216-0050 BID BOND Complete in 100 working days		3 Kings Environmental Inc PO Box 280 Battle Ground WA 98604 360-666-5464 BID BOND Complete in 100 working days		Westech Construction 2204 NE 194th Ave Portland OR 97230 503-777-7080 BID BOND Complete in 100 working days	
	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	SCHEDULE A – GENERAL																
1	Mobilization	1.00	LS	357133.54	357133.54	420000.00	420000.00	340000.00	340000.00	170568.02	170568.02	452166.00	452166.00	385000.00	385000.00	488000.00	488000.00
2	Minor Change	1.00	EST	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
3	Marina Parking Lot Access Plan	1.00	LS	2000.00	2000.00	1400.00	1400.00	3000.00	3000.00	544.12	544.12	7500.00	7500.00	10000.00	10000.00	500.00	500.00
4	Columbia Shores Office Building Parking Lot Access Plai	1.00	LS	2000.00	2000.00	1900.00	1900.00	3000.00	3000.00	544.12	544.12	7500.00	7500.00	10000.00	10000.00	500.00	500.00
5	Red Lion Parking Lot Access Plan	1.00	LS	2000.00	2000.00	1900.00	1900.00	3000.00	3000.00	544.12	544.12	7500.00	7500.00	7500.00	7500.00	500.00	500.00
6	Project Temporary Traffic Control	1.00	LS	3000.00	3000.00	1100.00	1100.00	5000.00	5000.00	12412.32	12412.32	1000.00	1000.00	38700.00	38700.00	27000.00	27000.00
7	Traffic Control Supervisor	1.00	LS	800.00	800.00	10000.00	10000.00	5000.00	5000.00	3491.68	3491.68	25000.00	25000.00	5250.00	5250.00	3200.00	3200.00
8	Flaggers and Spotters	320.00	HR	45.00	14400.00	30.00	9600.00	46.00	14720.00	54.56	17459.20	50.00	16000.00	52.00	16640.00	50.00	16000.00
9	Construction Signs Class A	141.00	SF	17.00	2397.00	16.00	2256.00	24.00	3384.00	61.74	8705.34	20.00	2820.00	24.00	3384.00	17.00	2397.00
10	TESC Plan	1.00	LS	500.00	500.00	500.00	500.00	1000.00	1000.00	1088.24	1088.24	1000.00	1000.00	5000.00	5000.00	500.00	500.00
11	ESC Lead	60.00	DAY	20.00	1200.00	15.00	900.00	60.00	3600.00	249.55	14973.00	85.00	5100.00	50.00	3000.00	100.00	6000.00
12	Silt Fence	3040.00	LF	1.50	4560.00	2.00	6080.00	2.00	6080.00	1.90	5776.00	3.00	9120.00	3.00	9120.00	3.25	9880.00
13	Stabilized Construction Entrance	222.00	SY	13.00	2886.00	15.00	3330.00	18.00	3996.00	8.37	1858.14	15.00	3330.00	18.00	3996.00	11.00	2442.00
14	Street Cleaning	80.00	HR	130.00	10400.00	100.00	8000.00	110.00	8800.00	253.37	20269.60	150.00	12000.00	135.00	10800.00	100.00	8000.00
15	Inlet Protection	32.00	EA	60.00	1920.00	50.00	1600.00	90.00	2880.00	161.17	5157.44	70.00	2240.00	75.00	2400.00	110.00	3520.00
	TOTAL SCHEDULE A				**410196.54**		**473566.00**		**408460.00**		**268391.34**		**557276.00**		**515790.00**		**573439.00**
	SCHEDULE B – STREET & STORM DRAINAGE																
16	Clearing and Grubbing	1.00	LS	30000.00	30000.00	3600.00	3600.00	10000.00	10000.00	7317.39	7317.39	5000.00	5000.00	9810.00	9810.00	9500.00	9500.00
17	Roadside Cleanup	1.00	EST	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00	2000.00
18	Removal of Structures and Obstructions *See Special Provisions Section 2-02.3	1.00	LS	100000.00	100000.00	120000.00	120000.00	151000.72	151000.72	113740.30	113740.30	135000.00	135000.00	95000.00	95000.00	44500.00	44500.00
19	Remove Existing Manhole	3.00	EA	200.00	600.00	450.00	1350.00	500.00	1500.00	1959.59	5878.77	375.00	1125.00	975.00	2925.00	1000.00	3000.00
20	Remove Existing Catch Basin	6.00	EA	150.00	900.00	250.00	1500.00	500.00	3000.00	611.85	3671.10	125.00	750.00	460.00	2760.00	470.00	2820.00
21	Cut and Plug Existing Pipe	4.00	EA	200.00	800.00	250.00	1000.00	300.00	1200.00	481.12	1924.48	150.00	600.00	815.00	3260.00	470.00	1880.00
22	Removing Asphalt Conc. Pavement	620.00	SY	3.50	2170.00	2.75	1705.00	5.00	3100.00	6.39	3961.80	2.00	1240.00	9.00	5580.00	2.00	1240.00
23	Removing Cement Conc. Pavement	160.00	SY	3.50	560.00	6.00	960.00	7.00	1120.00	13.31	2129.60	4.00	640.00	22.00	3520.00	8.00	1280.00
24	Removing Cement Conc. Curb	60.00	LF	10.00	600.00	4.00	240.00	10.00	600.00	13.84	830.40	5.00	300.00	8.00	480.00	5.00	300.00
25	Roadway Excavation Incl. Haul	18500.00	CY	4.50	83250.00	3.00	55500.00	6.00	111000.00	5.65	104525.00	5.00	92500.00	5.30	98050.00	9.20	170200.00
26	Embankment Compaction	16300.00	CY	2.50	40750.00	1.00	16300.00	2.00	32600.00	2.17	35371.00	2.00	32600.00	4.40	71720.00	3.30	53790.00
27	Crushed Surfacing Base Course	4660.00	CY	45.00	209700.00	32.00	149120.00	38.00	177080.00	27.86	129827.60	40.00	186400.00	47.00	219020.00	37.50	174750.00
28	Cement Conc. Pavement	560.00	CY	412.00	230720.00	280.00	156800.00	370.00	207200.00	314.50	176120.00	355.00	198800.00	325.00	182000.00	320.00	179200.00
29	HMA CL ½ In. PG 64-22	4870.00	TON	80.00	389600.00	70.00	340900.00	80.00	389600.00	83.25	405427.50	76.50	372555.00	83.00	404210.00	83.00	404210.00
30	HMA for Approach CL ½ In. PG 64-22	140.00	TON	93.00	13020.00	90.00	12600.00	130.00	18200.00	104.75	14665.00	90.00	12600.00	97.00	13580.00	98.00	13720.00
31	Job Mix Compliance Adjustment	1.00	CALC	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00	12800.00
32	Compaction Price Adjustment	1.00	CALC	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00	8600.00
33	Asphalt Cost Price Adjustment	1.00	CALC	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00	13500.00
34	Combination Inlet	24.00	EA	1200.00	28800.00	1500.00	36000.00	1500.00	36000.00	1459.41	35025.84	1200.00	28800.00	2730.00	65520.00	1550.00	37200.00
35	Trench Safety System	4070.00	LF	1.00	4070.00	1.50	6105.00	2.00	8140.00	1.10	4477.00	1.00	4070.00	1.00	4070.00	1.00	4070.00
36	Adjust Manhole	4.00	EA	475.00	1900.00	475.00	1900.00	500.00	2000.00	698.77	2795.08	525.00	2100.00	500.00	2000.00	520.00	2080.00
37	Standard Storm Manhole	27.00	EA	2200.00	59400.00	2800.00	75600.00	2600.00	70200.00	3038.25	82032.75	3000.00	81000.00	3735.00	100845.00	4600.00	124200.00
38	60" Storm Manhole with Diversion Structure	1.00	EA	6000.00	6000.00	6800.00	6800.00	7000.00	7000.00	6073.89	6073.89	7000.00	7000.00	11035.00	11035.00	9500.00	9500.00
39	Manhole over existing Storm Sewer Pipe	3.00	EA	2650.00	7950.00	3200.00	9600.00	3600.00	10800.00	2599.16	7797.48	2750.00	8250.00	5810.00	17430.00	5300.00	15900.00
40	72" Storm Manhole	1.00	EA	5000.00	5000.00	7500.00	7500.00	6000.00	6000.00	5149.56	5149.56	6250.00	6250.00	5410.00	5410.00	8900.00	8900.00
41	Contech CDS2025-5-C Treatment Unit	1.00	EA	9000.00	9000.00	10200.00	10200.00	11000.00	11000.00	10229.73	10229.73	10500.00	10500.00	11435.00	11435.00	16000.00	16000.00
42	Contech 1 Cartridge Catch Basin	4.00	EA	8500.00	34000.00	8200.00	32800.00	8000.00	32000.00	8857.23	35428.92	8800.00	35200.00	9385.00	37540.00	9200.00	36800.00
43	Contech 2 Cartridge Catch Basin	1.00	EA	14500.00	14500.00	14600.00	14600.00	14000.00	14000.00	14823.20	14823.20	15500.00	15500.00	15125.00	15125.00	16000.00	16000.00
44	Contech 3 Cartridge Catch Basin	5.00	EA	18000.00	90000.00	16600.00	83000.00	16000.00	80000.00	17017.78	85088.90	18150.00	90750.00	17275.00	86375.00	19000.00	95000.00
45	Contech SF0811 Stormfilter Treatment Unit	1.00	EA	60000.00	60000.00	68000.00	68000.00	60000.00	60000.00	56815.31	56815.31	67000.00	67000.00	59170.00	59170.00	65000.00	65000.00
46	10-Inch Storm Sewer Lateral	817.00	LF	30.00	24510.00	33.00	26961.00	43.00	35131.00	42.73	34910.41	57.00	46569.00	50.00	40850.00	86.00	70262.00
47	12-Inch Storm Sewer Main	1784.00	LF	32.00	57088.00	38.00	67792.00	44.00	78496.00	51.60	92054.40	73.00	130232.00	70.00	124880.00	75.00	133800.00
48	15-Inch Storm Sewer Main	902.00	LF	37.00	33374.00	45.00	40590.00	80.00	72160.00	97.43	87881.86	90.00	81180.00	110.00	99220.00	93.00	83886.00
49	18-Inch Storm Sewer Main	298.00	LF	47.00	14006.00	62.00	18476.00	57.00	16986.00	111.42	33203.16	110.00	32780.00	120.00	35760.00	100.00	29800.00
50	24-Inch Storm Sewer Main	45.00	LF	97.00	4365.00	91.00	4095.00	110.00	4950.00	127.11	5719.95	142.00	6390.00	140.00	6300.00	164.00	7380.00
51	30-Inch Storm Sewer Main	224.00	LF	99.00	22176.00	104.00	23296.00	115.00	25760.00	148.02	33156.48	155.00	34720.00	170.00	38080.00	170.00	38080.00
52	Storm Sewer Stub Marker	11.00	EA	450.00	4950.00	350.00	3850.00	500.00	5500.00	412.42	4536.62	440.00	4840.00	1400.00	15400.00	540.00	5940.00

53	Gravel Drainage Sump	4.00 EA	1500.00	6000.00	3500.00	14000.00	2500.00	10000.00	539.80	2159.20	1500.00	6000.00	1105.00	4420.00	490.00	1960.00
54	**DELETED**															
55	4 Foot x 8 Foot Metal Tree Grate	64.00 EA	1600.00	102400.00	1500.00	96000.00	1500.00	96000.00	2013.25	128848.00	1850.00	118400.00	1685.00	107840.00	1100.00	70400.00
56	Structural Soil Mix	860.00 CY	60.00	51600.00	44.00	37840.00	45.00	38700.00	45.71	39310.60	42.00	36120.00	46.00	39560.00	49.00	42140.00
57	Topsoil Type C	120.00 CY	39.00	4680.00	15.00	1800.00	15.00	1800.00	41.35	4962.00	38.00	4560.00	41.00	4920.00	44.00	5280.00
58	Bark Mulch	60.00 CY	40.00	2400.00	40.00	2400.00	50.00	3000.00	39.18	2350.80	36.00	2160.00	39.00	2340.00	42.00	2520.00
59	Root Barrier	1552.00 LF	5.00	7760.00	5.00	7760.00	8.50	13192.00	4.82	7480.64	9.00	13968.00	5.00	7760.00	5.00	7760.00
60	PSIPE Ginkgo Biloba 'Princeton Sentry' 2 In. Caliper	16.00 EA	370.00	5920.00	300.00	4800.00	350.00	5600.00	326.47	5223.52	300.00	4800.00	325.00	5200.00	350.00	5600.00
61	PSIPE Nyssa Sylvatica 'Hay Manred' 2 In. Caliper	78.00 EA	300.00	23400.00	300.00	23400.00	370.00	28860.00	310.15	24191.70	285.00	22230.00	315.00	24570.00	330.00	25740.00
62	PSIPE Acer Rubrum 'Bowhall' 2 In. Caliper	3.00 EA	260.00	780.00	250.00	750.00	300.00	900.00	201.32	603.96	185.00	555.00	205.00	615.00	218.00	654.00
63	PSIPE Euonymus Fortunei 'Coloratus' 1 Gallon	680.00 EA	10.00	6800.00	10.00	6800.00	10.00	6800.00	7.89	5365.20	7.25	4930.00	9.00	6120.00	8.50	5780.00
64	Plant Establishment – 2nd Year	1.00 LS	1500.00	1500.00	2000.00	2000.00	2000.00	2000.00	13058.92	13058.92	12000.00	12000.00	12900.00	12900.00	14100.00	14100.00
65	Irrigation System	1.00 LS	40000.00	40000.00	40000.00	40000.00	50000.00	50000.00	43312.68	43312.68	45000.00	45000.00	42785.00	42785.00	47000.00	47000.00
66	Dual Faced Cement Conc. Traffic Curb	53.00 LF	24.00	1272.00	27.00	1431.00	34.00	1802.00	24.65	1306.45	37.00	1961.00	23.00	1219.00	49.50	2623.50
67	Cement Conc. Pedestrian Curb	489.00 LF	12.00	5868.00	10.00	4890.00	19.00	9291.00	12.13	5931.57	17.00	8313.00	10.00	4890.00	21.50	10513.50
68	Modified Cement Conc. Traffic Curb and Gutter	2969.00 LF	15.00	44535.00	14.00	41566.00	20.00	59380.00	15.98	47444.62	17.50	51957.50	15.00	44535.00	28.00	83132.00
69	Type E-1 Cement Conc. Curb	158.00 LF	18.00	2844.00	19.00	3002.00	24.00	3792.00	18.62	2941.96	17.50	2765.00	18.00	2844.00	26.00	4108.00
70	Modified Cement Conc. Traffic Curb	2729.00 LF	16.00	43664.00	15.00	40935.00	16.00	43664.00	16.27	44400.83	15.75	42981.75	16.00	43664.00	28.00	76412.00
71	Cement Conc. Valley Gutter	2370.00 LF	16.00	37920.00	15.00	35550.00	19.00	45030.00	16.99	40266.30	14.00	33180.00	16.00	37920.00	16.50	39105.00
72	Cement Conc. Sidewalk	6090.00 SY	35.00	213150.00	32.00	194880.00	37.00	225330.00	32.37	197133.30	42.00	255780.00	34.00	207060.00	42.50	258825.00
73	Cement Conc. Curb Ramp	60.00 EA	950.00	57000.00	1030.00	61800.00	1300.00	78000.00	1059.17	63550.20	1350.00	81000.00	1065.00	63900.00	1600.00	96000.00
74	Cement Conc. Driveway Entrance	150.00 SY	60.00	9000.00	75.00	11250.00	80.00	12000.00	67.57	10135.50	65.50	9825.00	95.00	14250.00	84.00	12600.00
75	Cement Conc. Crosswalk w/Impact Slab	1380.00 SY	72.00	99360.00	62.00	85560.00	105.00	144900.00	74.12	102285.60	89.00	122820.00	85.00	117300.00	83.00	114540.00
76	Removal of Buried Man-Made Debris	1.00 EST	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00	5000.00
77	Monument Case and Cover	18.00 EA	350.00	6300.00	200.00	3600.00	400.00	7200.00	290.73	5233.14	325.00	5850.00	200.00	3600.00	475.00	8550.00
78	Illumination System	1.00 LS	225000.00	225000.00	310000.00	310000.00	290000.00	290000.00	381308.58	381308.58	350000.00	350000.00	325000.00	325000.00	326000.00	326000.00
79	Permanent Signing	1.00 LS	18000.00	18000.00	21000.00	21000.00	10000.00	10000.00	60490.00	60490.00	28350.00	28350.00	32250.00	32250.00	30900.00	30900.00
80	Paint Line	2714.00 LF	0.25	678.50	0.25	678.50	0.25	678.50	0.27	732.78	0.25	678.50	0.30	814.20	0.25	678.50
81	Painted Wide Lane Line	1381.00 LF	0.40	552.40	0.50	690.50	0.50	690.50	0.49	676.69	0.45	621.45	0.50	690.50	0.50	690.50
82	Plastic Crosswalk Line	2864.00 SF	3.50	10024.00	4.00	11456.00	3.50	10024.00	4.08	11685.12	3.75	10740.00	4.00	11456.00	4.00	11456.00
83	Plastic Stop Line	161.00 LF	7.00	1127.00	7.50	1207.50	7.00	1127.00	8.11	1305.71	7.45	1199.45	8.00	1288.00	8.00	1288.00
84	Plastic Traffic Arrow	10.00 EA	130.00	1300.00	130.00	1300.00	130.00	1300.00	140.38	1403.80	129.00	1290.00	140.00	1400.00	140.00	1400.00
85	Painted Access Parking Space Symbol	115.00 EA	20.00	2300.00	22.00	2530.00	22.00	2530.00	23.94	2753.10	22.00	2530.00	25.00	2875.00	24.00	2760.00
86	Plastic Bicycle Lane Symbol	29.00 EA	184.00	5336.00	180.00	5220.00	180.00	5220.00	194.80	5649.20	179.00	5191.00	195.00	5655.00	195.00	5655.00
87	Raised Pavement Marker Type 1	0.14 HUND	700.00	98.00	700.00	98.00	700.00	98.00	761.77	106.65	700.00	98.00	755.00	105.70	763.00	106.82
88	Raised Pavement Marker Type 2	0.98 HUND	800.00	784.00	800.00	784.00	800.00	784.00	870.59	853.18	800.00	784.00	860.00	842.80	872.00	854.56
89	Traffic Signal System - Columbia Way/Grant Street	1.00 LS	170000.00	170000.00	203500.00	203500.00	190000.00	190000.00	209731.34	209731.34	190000.00	190000.00	208325.00	208325.00	211000.00	211000.00
90	Traffic Signal System - Columbia Way/Esther Street	1.00 LS	180000.00	180000.00	217000.00	217000.00	205000.00	205000.00	220700.60	220700.60	204000.00	204000.00	222945.00	222945.00	222500.00	222500.00
91	Traffic Signal System - Columbia Way/Columbia Street	1.00 LS	180000.00	180000.00	213000.00	213000.00	200000.00	200000.00	217055.71	217055.71	200000.00	200000.00	218065.00	218065.00	218500.00	218500.00
92	Traffic Signal Communication Conduit and Junction Box	1.00 LS	18000.00	18000.00	20370.00	20370.00	19000.00	19000.00	14553.61	14553.61	13000.00	13000.00	20855.00	20855.00	14600.00	14600.00
93	Communication Equipment	1.00 LS	11000.00	11000.00	12000.00	12000.00	11000.00	11000.00	9121.01	9121.01	8400.00	8400.00	12145.00	12145.00	9200.00	9200.00
94	Install Loose Tube Fiber Optic Cable (12 Fiber)	1.00 LS	3600.00	3600.00	3600.00	3600.00	3500.00	3500.00	1649.89	1649.89	1500.00	1500.00	3765.00	3765.00	1660.00	1660.00
95	Install Loose Tube Fiber Optic Cable (48 Fiber)	1.00 LS	14000.00	14000.00	14000.00	14000.00	14000.00	14000.00	8114.19	8114.19	7500.00	7500.00	15050.00	15050.00	8150.00	8150.00
96	Fiber Optic Communication Cable Splicing	1.00 LS	7000.00	7000.00	7800.00	7800.00	7500.00	7500.00	2455.90	2455.90	2270.00	2270.00	8065.00	8065.00	2450.00	2450.00
97	Splice Enclosures	3.00 EA	500.00	1500.00	500.00	1500.00	500.00	1500.00	2560.31	7680.93	660.00	1980.00	535.00	1605.00	2160.00	6480.00
98	Fiber Optic Communication Cable Testing	1.00 LS	3600.00	3600.00	3700.00	3700.00	3500.00	3500.00	2864.85	2864.85	2650.00	2650.00	3765.00	3765.00	2880.00	2880.00
	TOTAL SCHEDULE B			**3253711.90**		**3214088.50**		**3589916.72**		**3642880.01**		**3695079.65**		**3827434.20**		**3916640.38**
SCHEDULE C – SANITARY SEWER																
99	Trench Safety System	1496.00 LF	1.00	1496.00	1.00	1496.00	5.00	7480.00	1.60	2393.60	1.00	1496.00	1.00	1496.00	1.00	1496.00
100	C900 PVC Sanitary Sewer Pipe Lateral, 8 In. Diam.	276.00 LF	58.00	16008.00	38.00	10488.00	60.00	16560.00	70.73	19521.48	100.00	27600.00	112.00	30912.00	123.00	33948.00
101	C900 PVC Sanitary Sewer Pipe, 8 In. Diam.	95.00 LF	53.00	5035.00	55.00	5225.00	77.00	7315.00	70.03	6652.85	105.00	9975.00	96.00	9120.00	114.00	10830.00
102	C900 PVC Sanitary Sewer Pipe, 12 In. Diam.	86.00 LF	47.00	4042.00	51.00	4386.00	52.00	4472.00	112.05	9636.30	110.00	9460.00	103.00	8858.00	123.00	10578.00
103	C905 PVC Sanitary Sewer Pipe, 14 In. Diam.	823.00 LF	41.00	33743.00	48.00	39504.00	144.00	118512.00	133.85	110158.55	120.00	98760.00	139.00	114397.00	130.00	106990.00
104	Sanitary Sewer Force Main, 10 In. Diam.	216.00 LF	56.00	12096.00	83.00	17928.00	171.00	36936.00	63.53	13722.48	60.00	12960.00	104.00	22464.00	68.00	14688.00
105	Manhole depth 10 Feet to 15 Feet	1.00 EA	2600.00	2600.00	6000.00	6000.00	3200.00	3200.00	3242.06	3242.06	3450.00	3450.00	5800.00	5800.00	7000.00	7000.00
106	Manhole depth greater than 15 Feet	2.00 EA	2800.00	5600.00	3700.00	7400.00	5500.00	11000.00	4920.08	9840.16	4325.00	8650.00	9935.00	19870.00	7300.00	14600.00
107	Adjust Manhole	6.00 EA	400.00	2400.00	700.00	4200.00	500.00	3000.00	410.10	2460.60	500.00	3000.00	685.00	4110.00	520.00	3120.00
108	Sanitary Sewer Stub Marker	3.00 EA	500.00	1500.00	350.00	1050.00	500.00	1500.00	454.05	1362.15	400.00	1200.00	2515.00	7545.00	850.00	2550.00
109	14"x8" Wye	6.00 EA	600.00	3600.00	650.00	3900.00	3000.00	18000.00	252.56	1515.36	750.00	4500.00	1835.00	11010.00	745.00	4470.00
110	**DELETED**															
	Subtotal			88120.00		101577.00		227975.00		180505.59		181051.00		235582.00		210270.00
	WA State Sales Tax 8.4 %			7402.08		8532.47		19149.90		15162.47		15208.28		19788.89		17662.68
	TOTAL SCHEDULE C			**95522.08**		**110109.47**		**247124.90**		**195668.06**		**196259.28**		**255370.89**		**227932.68**
SCHEDULE D – WATER																
111	Connect to Existing 8-In./12-In. Diam. Water Main	4.00 EA	1000.00	4000.00	1700.00	6800.00	2000.00	8000.00	577.47	2309.88	1000.00	4000.00	4995.00	19980.00	1250.00	5000.00
112	Ductile Iron Pipe for Water Main 6 In. Diam.	90.00 LF	30.00	2700.00	28.00	2520.00	50.00	4500.00	47.09	4238.10	51.00	4590.00	59.00	5310.00	63.00	5670.00
113	Ductile Iron Pipe for Water Main 8 In. Diam.	1053.00 LF	37.00	38961.00	37.00	38961.00	45.00	47385.00	53.01	55819.53	63.00	66339.00	68.00	71604.00	75.00	78975.00

114	Ductile Iron Pipe for Water Main 10 In. Diam.	193.00 LF	45.00	8685.00	48.00	9264.00	60.00	11580.00	73.75	14233.75	78.00	15054.00	82.00	15826.00	86.00	16598.00
115	Ductile Iron Pipe for Water Main 12 In. Diam.	782.00 LF	53.00	41446.00	58.00	45356.00	60.00	46920.00	90.68	70911.76	86.00	67252.00	97.00	75854.00	90.00	70380.00
116	Pipe Casing at Water Main, 12 In. Diam.	72.00 LF	53.00	3816.00	80.00	5760.00	55.00	3960.00	75.45	5432.40	52.00	3744.00	159.00	11448.00	94.00	6768.00
117	Pipe Casing at Water Main, 16 In. Diam.	36.00 LF	43.00	1548.00	77.00	2772.00	45.00	1620.00	197.03	7093.08	75.00	2700.00	182.00	6552.00	119.00	4284.00
118	Gate Valve 8 In.	4.00 EA	950.00	3800.00	1200.00	4800.00	1000.00	4000.00	1052.89	4211.56	1200.00	4800.00	1565.00	6260.00	1150.00	4600.00
119	Gate Valve 10 In.	3.00 EA	1400.00	4200.00	1500.00	4500.00	1500.00	4500.00	1723.05	5169.15	1750.00	5250.00	2065.00	6195.00	1725.00	5175.00
120	Butterfly Valve, 12 In.	8.00 EA	1300.00	10400.00	1300.00	10400.00	1400.00	11200.00	1587.99	12703.92	1650.00	13200.00	2430.00	19440.00	1550.00	12400.00
121	Blowoff Assembly	7.00 EA	600.00	4200.00	800.00	5600.00	750.00	5250.00	1172.23	8205.61	1275.00	8925.00	1830.00	12810.00	1550.00	10850.00
122	Combination Air Release/Air Vacuum Release Valve, 2 In	1.00 EA	2600.00	2600.00	4000.00	4000.00	3500.00	3500.00	4230.69	4230.69	2225.00	2225.00	3475.00	3475.00	2550.00	2550.00
123	Service Connection 1-1/2 In. Diam.	2.00 EA	2900.00	5800.00	1900.00	3800.00	3300.00	6600.00	2221.07	4442.14	2550.00	5100.00	3445.00	6890.00	3550.00	7100.00
124	Hydrant Assembly	6.00 EA	3100.00	18600.00	3500.00	21000.00	2900.00	17400.00	4000.39	24002.34	3900.00	23400.00	4575.00	27450.00	4200.00	25200.00
125	FDC	1.00 EA	1525.00	1525.00	2100.00	2100.00	3000.00	3000.00	2276.52	2276.52	2400.00	2400.00	3385.00	3385.00	1650.00	1650.00
126	DCVA Vault and Assembly	1.00 EA	13000.00	13000.00	10245.00	10245.00	12000.00	12000.00	12819.75	12819.75	12500.00	12500.00	14420.00	14420.00	14900.00	14900.00
	Subtotal			165281.00		177878.00		191415.00		238100.18		241479.00		306899.00		272100.00
	WA State Sales Tax 8.4 %			13883.60		14941.75		16078.86		20000.42		20284.24		25779.52		22856.40
	TOTAL SCHEDULE D			**179164.60**		**192819.75**		**207493.86**		**258100.60**		**261763.24**		**332678.52**		**294956.40**
SCHEDULE E – UTILITIES																
127	Joint Utility Trench	3032.00 LF	7.00	21224.00	7.00	21224.00	7.00	21224.00	27.09	82136.88	49.00	148568.00	8.00	24256.00	10.50	31836.00
128	Conduit Pipe, 2 In. Diam.	10955.00 LF	1.80	19719.00	1.80	19719.00	1.75	19171.25	1.32	14460.60	1.60	17528.00	2.00	21910.00	2.05	22457.75
129	Conduit Pipe, 4 In. Diam.	45213.00 LF	3.70	167288.10	3.80	171809.40	3.50	158245.50	2.51	113484.63	2.90	131117.70	4.00	180852.00	3.90	176330.70
130	Gas Main, 4 In. Diam.	3253.00 LF	0.20	650.60	1.20	3903.60	1.00	3253.00	1.37	4456.61	6.00	19518.00	5.00	16265.00	6.50	21144.50
131	Casing, 4 In. Diam. (NW Natural)	394.00 LF	5.80	2285.20	5.50	2167.00	5.00	1970.00	36.36	14325.84	12.00	4728.00	6.00	2364.00	16.00	6304.00
132	Casing, 6 In. Diam. (NW Natural)	208.00 LF	7.30	1518.40	5.00	1040.00	6.00	1248.00	40.04	8328.32	14.50	3016.00	7.00	1456.00	25.00	5200.00
133	Vault 4484TA (CenturyLink)	1.00 EA	7725.00	7725.00	8500.00	8500.00	7500.00	7500.00	6046.32	6046.32	6000.00	6000.00	8065.00	8065.00	6000.00	6000.00
134	Vault 4484TCA (CenturyLink)	3.00 EA	7725.00	23175.00	9000.00	27000.00	7500.00	22500.00	3058.69	9176.07	7000.00	21000.00	8065.00	24195.00	6600.00	19800.00
135	Jbox Vault 575LA (CPU)	3.00 EA	4635.00	13905.00	6500.00	19500.00	4500.00	13500.00	2783.21	8349.63	3800.00	11400.00	4835.00	14505.00	4050.00	12150.00
136	Switch Vault 810LA (CPU)	6.00 EA	1545.00	9270.00	10000.00	60000.00	1600.00	9600.00	7623.83	45742.98	8800.00	52800.00	1615.00	9690.00	8200.00	49200.00
137	Transformer (CPU)	4.00 EA	875.50	3502.00	3000.00	12000.00	3000.00	12000.00	937.11	3748.44	2800.00	11200.00	915.00	3660.00	3750.00	15000.00
138	Vault, 1'x2' (CPU)	1.00 EA	775.00	775.00	2090.00	2090.00	800.00	800.00	2793.19	2793.19	500.00	500.00	805.00	805.00	1600.00	1600.00
139	Vault, 3'x3' (Comcast)	3.00 EA	875.00	2625.00	2600.00	7800.00	1000.00	3000.00	2868.85	8606.55	2500.00	7500.00	915.00	2745.00	3300.00	9900.00
	SUBTOTAL			273662.30		356753.00		274011.75		321656.06		434875.70		310768.00		376922.95
	8.4% SALES TAX			22987.63		29967.25		23016.99		27019.11		36529.56		26104.51		31661.53
	TOTAL SCHEDULE E			**296649.93**		**386720.25**		**297028.74**		**348675.17**		**471405.26**		**336872.51**		**408584.48**
GRAND TOTAL SCHEDULES A, AND B, AND C, AND D, AND E				**4235245.06**		**4377303.97**		**4750024.22**		**4713715.17**		**5181783.43**		**5268146.12**		**5421552.94**