CITY OF PORT ORCHARD
PUBLIC WORKS DEPARTMENT

TREMONT STREET IMPROVEMENTS
SR 16 to Port Orchard Boulevard
Opening: 6/6/2017

Fed Aid Proj No: STPUS-6610(004)

ENGINEER'S ESTIMATE							Active Construction		RV Associates		Scarsella		JR Hayes	
							$ 12,779,179.17		$ 12,855,082.55		$ 12,901,887.92		$ 13,492,570.92	
ITEM #	QTY	UNITS	SCHEDULE A ITEM DESCRIPTION	GROUP 1 ROADWAY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	717,700.00	1,176,654.47	1,176,654.47	1,271,254.00	1,271,254.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
2	6.5	ACRE	CLEARING AND GRUBBING	6.5	$5,000.00	32,500.00	28,000.00	182,000.00	29,684.00	192,946.00	15,000.00	97,500.00	6,500.00	42,250.00
3	LUMP SUM	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTIONS	LUMP SUM	$75,000.00	75,000.00	75,000.00	75,000.00	99,474.00	99,474.00	150,000.00	150,000.00	20,000.00	20,000.00
4	LUMP SUM	L.S.	REMOVING MISCELLANEOUS TRAFFIC ITEM	LUMP SUM	$40,000.00	40,000.00	11,000.00	11,000.00	18,947.00	18,947.00	10,000.00	10,000.00	20,000.00	20,000.00
5	LUMP SUM	L.S.	REMOVING MISCELLANEOUS DRAINAGE ITEM	LUMP SUM	$53,000.00	53,000.00	5,000.00	5,000.00	2,676.00	2,676.00	155,000.00	155,000.00	180,000.00	180,000.00
6	LUMP SUM	L.S.	RELOCATE SIGNIFICANT SIGN	LUMP SUM	$16,000.00	16,000.00	50,000.00	50,000.00	26,825.00	26,825.00	10,000.00	10,000.00	25,000.00	25,000.00
7	20,000	EST.	ASBESTOS ABATEMENT	20,000	$1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
8	LUMP SUM	L.S.	DEMOLITION AND REMOVAL OF BUILDINGS	LUMP SUM	$15,000.00	15,000.00	40,000.00	40,000.00	1,338.00	1,338.00	40,000.00	40,000.00	30,000.00	30,000.00
9	2,600	S.Y.	REMOVE EXISTING PAVEMENT, TYPE I CLASS C6	2,600	$5.00	13,000.00	6.00	15,600.00	15.00	39,000.00	10.50	27,300.00	11.00	28,600.00
10	LUMP SUM	L.S.	REMOVING GUARDRAIL AND MISC. GRADING - TEMP ACCESS	LUMP SUM	$5,000.00	5,000.00	3,000.00	3,000.00	8,562.00	8,562.00	5,000.00	5,000.00	10,000.00	10,000.00
11	26,000	C.Y.	ROADWAY EXCAVATION INCL. HAUL	26,000	$18.00	468,000.00	18.50	481,000.00	5.00	130,000.00	25.00	650,000.00	15.00	390,000.00
12	33,000	TON	GRAVEL BORROW INCL. HAUL	33,000	$15.00	495,000.00	16.00	528,000.00	9.70	320,100.00	15.75	519,750.00	15.50	511,500.00
13	150	C.Y.	DITCH EXCAVATION INCL. HAUL	150	$40.00	6,000.00	46.00	6,900.00	34.00	5,100.00	30.00	4,500.00	28.00	4,200.00
14	22	EACH	COMBINATION INLET	22	$600.00	13,200.00	1,600.00	35,200.00	1,060.00	23,320.00	1,300.00	28,600.00	1,300.00	28,600.00
15	24	C.Y.	HAND PLACED RIPRAP	24	$100.00	2,400.00	175.00	4,200.00	184.00	4,416.00	100.00	2,400.00	185.00	4,440.00
16	475	TON	QUARRY SPALLS	475	$25.00	11,875.00	35.00	16,625.00	35.00	16,625.00	33.15	15,746.25	25.00	11,875.00
17	58	EACH	CATCH BASIN TYPE 1	58	$1,300.00	75,400.00	1,200.00	69,600.00	1,231.00	71,398.00	1,580.00	91,640.00	1,285.00	74,530.00
18	54	EACH	CATCH BASIN TYPE 2 48 IN. DIAM.	54	$2,500.00	135,000.00	2,850.00	153,900.00	3,669.00	198,126.00	2,700.00	145,800.00	3,200.00	172,800.00
19	8,350	L.F.	TESTING STORM SEWER PIPE	8,350	$3.00	25,050.00	1.60	13,360.00	2.00	16,700.00	3.00	25,050.00	1.50	12,525.00
20	586	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	586	$50.00	29,750.00	46.00	26,956.00	50.00	29,300.00	51.45	30,149.70	80.00	46,880.00
21	86	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	86	$70.00	6,020.00	80.00	6,880.00	95.00	8,170.00	71.65	6,161.90	92.00	7,912.00
22	8	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 6 IN. DIAM.	8	$50.00	400.00	130.00	1,040.00	145.00	1,160.00	58.00	464.00	65.00	520.00
23	4,567	L.F.	CORRUGATED POLYETHYLENE STORM SEWER PIPE 12 IN. DIAM.	4,567	$32.00	146,144.00	28.00	127,876.00	30.00	137,010.00	34.35	156,876.45	56.00	255,752.00
24	12	L.F.	CORRUGATED POLYETHYLENE STORM SEWER PIPE 15 IN. DIAM.	12	$35.00	420.00	63.00	756.00	124.00	1,488.00	60.00	720.00	80.00	960.00
25	2,118	L.F.	CORRUGATED POLYETHYLENE STORM SEWER PIPE 18 IN. DIAM.	2,118	$38.00	80,484.00	39.00	82,602.00	74.00	156,732.00	52.20	110,559.60	76.00	160,968.00
26	2	EACH	FLOW SPLITTER	2	$5,500.00	11,000.00	10,500.00	21,000.00	11,997.00	23,994.00	13,750.00	27,500.00	8,800.00	17,600.00
27	5	EACH	TYPE 250 INLET	5	$1,250.00	6,250.00	1,250.00	6,250.00	1,217.00	6,085.00	1,450.00	7,250.00	1,400.00	7,000.00
28	49	L.F.	SLOTTED DRAIN PIPE 12 IN. DIAM.	49	$90.00	4,410.00	200.00	9,800.00	417.00	20,433.00	266.50	13,058.50	150.00	7,350.00
29	152	L.F.	DUCTILE IRON STORM SEWER PIPE 8 IN. DIAM.	152	$45.00	6,840.00	52.00	7,904.00	47.00	7,144.00	51.45	7,820.40	53.00	8,056.00
30	142	L.F.	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM.	142	$55.00	7,810.00	73.00	10,366.00	66.00	9,372.00	66.15	9,393.30	70.00	9,940.00
31	102	L.F.	DUCTILE IRON STORM SEWER PIPE 18 IN. DIAM.	102	$65.00	6,630.00	108.00	11,016.00	95.00	9,690.00	93.60	9,547.20	105.00	10,710.00
32	515	L.F.	DUCTILE IRON STORM SEWER PIPE 30 IN. DIAM.	515	$75.00	38,625.00	200.00	103,000.00	177.00	91,155.00	156.50	80,597.50	185.00	95,275.00
33	45	L.F.	SOLID WALL PVC STORM SEWER PIPE 6 IN. DIAM.	45	$40.00	1,440.00	18.50	832.50	37.00	1,665.00	37.15	1,671.75	30.00	1,350.00
34	2	EACH	OIL / WATER SEPARATOR	2	$45,000.00	90,000.00	32,000.00	64,000.00	38,844.00	77,688.00	42,540.00	85,080.00	35,000.00	70,000.00
35	6	EACH	CONNECT NEW STORM SEWER PIPE TO EXISTING STRUCTURE	6	$1,200.00	7,200.00	750.00	4,500.00	1,314.00	7,884.00	1,500.00	9,000.00	1,500.00	9,000.00
36	5	EACH	RECONNECT EXISTING STORM SEWER PIPE TO NEW STRUCTURE	5	$800.00	4,000.00	750.00	3,750.00	1,097.00	5,485.00	1,500.00	7,500.00	1,500.00	7,500.00
37	1	EACH	MODIFIED CATCH BASIN TYPE 2 - 72 "	1	$8,500.00	8,500.00	7,500.00	7,500.00	8,166.00	8,166.00	6,000.00	6,000.00	11,000.00	11,000.00
38	LUMP SUM	L.S.	STORMWATER DETENTION VAULT EAST	LUMP SUM	$450,000.00	450,000.00	475,000.00	475,000.00	357,587.00	357,587.00	345,000.00	345,000.00	340,000.00	340,000.00
39	LUMP SUM	L.S.	STORMWATER DETENTION VAULT WEST	LUMP SUM	$650,000.00	650,000.00	310,000.00	310,000.00	461,003.00	461,003.00	620,000.00	620,000.00	540,000.00	540,000.00
40	1	EACH	MODULAR WETLAND EAST	1	$2,000.00	2,000.00	38,000.00	38,000.00	41,919.00	41,919.00	33,050.00	33,050.00	32,000.00	32,000.00
41	1	EACH	MODULAR WETLAND WEST	1	$2,200.00	2,200.00	51,000.00	51,000.00	55,427.00	55,427.00	53,875.00	53,875.00	50,000.00	50,000.00
42	9,000	S.F.	STRUCTURAL EARTH WALL	9,000	$35.00	315,000.00	21.00	189,000.00	14.00	126,000.00	22.00	198,000.00	22.00	198,000.00
43	3,066	C.Y.	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	3,066	$30.00	91,980.00	38.00	116,508.00	22.00	67,452.00	20.00	61,320.00	22.00	67,452.00
44	7,200	TON	CRUSHED SURFACING BASE COURSE	7,200	$25.00	180,000.00	22.50	162,000.00	23.00	165,600.00	30.40	218,880.00	27.00	194,400.00
45	3,800	TON	CRUSHED SURFACING TOP COURSE	3,800	$25.00	95,000.00	31.00	117,800.00	26.00	98,800.00	30.40	115,520.00	28.00	106,400.00
46	150	TON	CRUSHED SURFACING BASE COURSE - TEMP ACCESS	150	$20.00	3,000.00	41.00	6,150.00	36.00	5,400.00	30.40	4,560.00	25.00	3,750.00
47	2,900	S.Y.	PLANING BITUMINOUS PAVEMENT	2,900	$8.00	23,200.00	10.00	29,000.00	8.00	23,200.00	4.50	13,050.00	7.50	21,750.00
48	11,000	TON	HMA CL. 1/2 IN. PG 64-22	11,000	$80.00	880,000.00	87.00	957,000.00	89.00	979,000.00	77.50	852,500.00	100.00	1,100,000.00
49	15,000	CALC	ASPHALT COST PRICE ADJUSTMENT	15,000	$1.00	15,000.00	1.00	15,000.00	1.00	15,000.00	1.00	15,000.00	1.00	15,000.00
50	500	TON	HMA CL. 1/2" PG 64-22 FOR PAVEMENT PATCH	500	$90.00	45,000.00	240.00	120,000.00	150.00	75,000.00	90.00	45,000.00	200.00	100,000.00
51	2,250	TON	TEMPORARY PAVEMENT	2,250	$75.00	168,750.00	90.00	202,500.00	96.00	216,000.00	90.00	202,500.00	115.00	258,750.00
52	LUMP SUM	L.S.	IRRIGATION SYSTEM	LUMP SUM	$150,000.00	150,000.00	150,000.00	150,000.00	200,000.00	200,000.00	170,000.00	170,000.00	170,000.00	170,000.00
53	400	DAY	ESC LEAD	400	$100.00	40,000.00	1.00	400.00	67.00	26,800.00	150.00	60,000.00	50.00	20,000.00
54	900	HR	STREET CLEANING	900	$120.00	108,000.00	140.00	126,000.00	158.00	142,200.00	130.00	117,000.00	110.00	99,000.00
55	564	S.Y.	STABILIZED CONSTRUCTION ENTRANCE	564	$27.00	15,228.00	20.00	11,280.00	17.00	9,588.00	25.00	14,100.00	2.50	1,410.00
56	10	EACH	STREAMBED BOULDER ONE MAN	10	$225.00	2,250.00	225.00	2,250.00	260.00	2,600.00	150.00	1,500.00	400.00	4,000.00
57	2,190.00	CY	TOPSOIL TYPE A	2,190	$30.00	65,700.00	41.00	89,790.00	40.00	87,600.00	35.00	76,650.00	35.00	76,650.00
58	6.13	ACRE	FINE COMPOST	6.13	$10,000.00	61,300.00	16,000.00	98,080.00	17,579.00	107,759.27	14,000.00	85,820.00	14,000.00	85,820.00
59	10	L.F.	CHECK DAM	10	$20.00	200.00	11.00	110.00	94.00	940.00	40.00	400.00	115.00	1,150.00
60	10,000	S.Y.	PLASTIC COVERING	10,000	$2.50	25,000.00	2.50	25,000.00	3.00	30,000.00	3.25	32,500.00	5.00	50,000.00
61	130	EACH	INLET PROTECTION	130	$90.00	11,700.00	85.00	11,050.00	110.00	14,300.00	100.00	13,000.00	40.00	5,200.00
62	3,600	L.F.	SILT FENCE	3,600	$5.00	18,000.00	5.00	18,000.00	5.00	18,000.00	5.00	18,000.00	6.00	21,600.00
63	30	L.F.	GEOTEXTILE-ENCASED CHECK DAM	30	$75.00	2,250.00	15.00	450.00	70.00	2,100.00	40.00	1,200.00	65.00	1,950.00
64	200,000	EST.	EROSION/WATER POLLUTION CONTROL	200,000	$1.00	200,000.00	1.00	200,000.00	1.00	200,000.00	1.00	200,000.00	1.00	200,000.00

ENGINEER'S ESTIMATE							Active Construction		RV Associates		Scarsella		JR Hayes	
65	3.64	ACRE	TOPSOIL TYPE C	3.64	$38,000.00	138,320.00	20,000.00	72,800.00	32,000.00	116,480.00	20,150.00	73,346.00	20,000.00	72,800.00
66	19,006	S.Y.	PLANTING AREA PREPARATION	19,006	$1.00	19,006.00	2.00	38,012.00	4.00	76,024.00	2.00	38,012.00	2.00	38,012.00
67	23	EACH	PSIPE VINE MAPLE, 6' to 8' HT., B&B MULTI-STEMMED	23	$40.00	920.00	175.00	4,025.00	184.00	4,232.00	150.00	3,450.00	150.00	3,450.00
68	5	EACH	PSIPE BOWHALL MAPLE, 3" CAL. B&B	5	$400.00	2,000.00	450.00	2,250.00	632.00	3,160.00	400.00	2,000.00	400.00	2,000.00
69	63	EACH	PSIPE RED SUNSET MAPLE, 3" CAL. B&B	63	$400.00	25,200.00	450.00	28,350.00	632.00	39,816.00	400.00	25,200.00	400.00	25,200.00
70	26	EACH	PSIPE AUTUMN BLAZE MAPLE, 3" CAL. B&B	26	$400.00	10,400.00	450.00	11,700.00	632.00	16,432.00	400.00	10,400.00	400.00	10,400.00
71	9	EACH	PSIPE HIMALAYAN BIRCH, 3" CAL. B&B	9	$350.00	3,150.00	450.00	4,050.00	632.00	5,688.00	400.00	3,600.00	400.00	3,600.00
72	11	EACH	PSIPE DOUGLAS FIR, NO. 1 CONT.,12 IN. HT.	11	$8.00	88.00	11.00	121.00	13.00	143.00	10.00	110.00	10.00	110.00
73	5	EACH	PSIPE CASCARA, NO. 2 CONT., 12-36 IN. HT.	5	$15.00	75.00	18.00	90.00	13.00	65.00	16.00	80.00	16.00	80.00
74	864	EACH	PSIPE TALL OREGON GRAPE, NO. 1 CONT., 15 IN. HT.	864	$8.00	6,912.00	11.00	9,504.00	13.00	11,232.00	10.00	8,640.00	10.00	8,640.00
75	772	EACH	PSIPE COMPACT OREGON GRAPE, NO. 2 CONT., 15 IN. HT.	772	$15.00	11,580.00	11.00	8,492.00	37.00	28,564.00	10.00	7,720.00	10.00	7,720.00
76	5,943	EACH	PSIPE KINNIKINNICK, NO. 1 CONT.	5,943	$18.00	106,974.00	9.00	53,487.00	13.00	77,259.00	8.00	47,544.00	8.00	47,544.00
77	4,537	EACH	PSIPE BRAMBLE, NO. 1 CONT.	4,537	$7.00	31,759.00	9.00	40,833.00	13.00	58,981.00	8.00	36,296.00	8.00	36,296.00
78	5,440	EACH	PSIPE OREGON AND KAMCHATKA SEDUM, 4" POT	5,440	$5.00	27,200.00	9.00	48,960.00	8.00	43,520.00	8.00	43,520.00	8.00	43,520.00
79	723	EACH	PSIPE POINT REYES CEANOTHUS, NO. 1 CONT.	723	$18.00	13,014.00	11.00	7,953.00	13.00	9,399.00	10.00	7,230.00	10.00	7,230.00
80	117	EACH	PSIPE KELSEYI RED-TWIG DOGWOOD, NO. 1 CONT.	117	$8.00	936.00	11.00	1,287.00	13.00	1,521.00	10.00	1,170.00	10.00	1,170.00
81	353	EACH	PSIPE COSTAL STRAWBERRY, 4" POT	353	$5.00	1,765.00	11.00	3,883.00	8.00	2,824.00	10.00	3,530.00	10.00	3,530.00
82	730	EACH	PSIPE SALAL, NO. 1 CONT., 9 IN. HT.	730	$10.00	7,300.00	11.00	8,030.00	13.00	9,490.00	10.00	7,300.00	10.00	7,300.00
83	3,019	EACH	PSIPE ELKS BLUE GRAY RUSH, NO. 1 CONT., 12 IN. HT.	3,019	$10.00	30,190.00	11.00	33,209.00	13.00	39,247.00	10.00	30,190.00	10.00	30,190.00
84	239	EACH	PSIPE SWORDFERN, NO. 1 CONT., 12 IN. HT.	239	$10.00	2,390.00	11.00	2,629.00	13.00	3,107.00	10.00	2,390.00	10.00	2,390.00
85	5,006	EACH	PSIPE MT VERNON ENGLISH LAUREL, NO. 2. CONT., 12 IN. W.	5,006	$18.00	90,108.00	14.00	70,084.00	21.00	105,126.00	12.00	60,072.00	12.00	60,072.00
86	25	EACH	PSIPE YELLOW TWIG DOGWOOD, NO. 3 CONT., 21 IN. HT.	25	$45.00	1,125.00	18.00	450.00	26.00	650.00	16.00	400.00	6.00	150.00
87	37	EACH	PSIPE ISANTI DOGWOOD, NO. 3 CONT., 21 IN. HT.	37	$45.00	1,665.00	18.00	666.00	26.00	962.00	16.00	592.00	16.00	592.00
88	8	EACH	PSIPE WESTERN HAZELNUT, NO. 5 CONT., 30 IN. HT.	8	$50.00	400.00	35.00	280.00	37.00	296.00	30.00	240.00	8.00	64.00
89	12	EACH	PSIPE DIANA WITCHHAZEL NO. 5 CONT., 36 IN. HT.	12	$50.00	600.00	93.00	1,116.00	37.00	444.00	80.00	960.00	80.00	960.00
90	3,273	EACH	PSIPE PRIVET HONEYSUCKLE, NO. 1 CONT., 15 IN. HT.	3,273	$16.00	52,368.00	11.00	36,003.00	13.00	42,549.00	10.00	32,730.00	10.00	32,730.00
91	28	EACH	PSIPE PACIFIC WAX MYRTLE, NO. 1 CONT., 12 IN. HT.	28	$11.00	308.00	11.00	308.00	13.00	364.00	10.00	280.00	10.00	280.00
92	95	EACH	PSIPE BOSTON IVY, NO. 1 CONT., 6 IN - 15 IN. HT.	95	$13.00	1,235.00	23.00	2,185.00	13.00	1,235.00	20.00	1,900.00	20.00	1,900.00
93	88	EACH	PSIPE MOCK ORANGE, NO. 5 CONT., 42 IN. HT.	88	$50.00	4,400.00	11.00	968.00	37.00	3,256.00	10.00	880.00	10.00	880.00
94	17	EACH	PSIPE RED FLOWERING CURRANT , NO 3 CONT., 24 IN. HT.	17	$40.00	680.00	11.00	187.00	26.00	442.00	10.00	170.00	10.00	170.00
95	866	EACH	PSIPE NOOTKA ROSE, NO. 1 CONT., 15 IN. HT.	866	$8.00	6,928.00	11.00	9,526.00	13.00	11,258.00	10.00	8,660.00	10.00	8,660.00
96	48	EACH	PSIPE DWARF ARCTIC WILLOW, NO. 1 CONT., 18 IN. HT.	48	$12.00	576.00	11.00	528.00	13.00	624.00	10.00	480.00	10.00	480.00
97	508	EACH	PSIPE SNOWBERRY, NO. 1 CONT., 12 IN. HT.	508	$10.00	5,080.00	11.00	5,588.00	13.00	6,604.00	10.00	5,080.00	10.00	5,080.00
98	1,242	EACH	PSIPE DAVID VIBURNUM, NO. 1 CONT., 12 IN. HT.	1,242	$15.00	18,630.00	11.00	13,662.00	13.00	16,146.00	10.00	12,420.00	10.00	12,420.00
99	119	EACH	PSIPE RED TWIG DOGWOOD, LIVE STAKE, 36 IN. HT.	119	$4.00	476.00	5.00	595.00	6.00	714.00	4.00	476.00	4.00	476.00
100	449	EACH	PSIPE DOUGLAS SPIREA, NO. 1, CONT.	449	$9.00	4,041.00	11.00	4,939.00	13.00	5,837.00	10.00	4,490.00	10.00	4,490.00
101	330	EACH	PSIPE OCEAN-SPRAY, NO. 1, CONT.	330	$8.00	2,640.00	11.00	3,630.00	13.00	4,290.00	10.00	3,300.00	10.00	3,300.00
102	1,949	CY	BARK OR WOOD CHIP MULCH	1,949.00	$50.00	97,450.00	35.00	68,215.00	40.00	77,960.00	30.00	58,470.00	30.00	58,470.00
103	10,000	EST.	PLANT ESTABLISHMENT - SECOND YEAR	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
104	14,110	L.F.	CEMENT CONC. TRAFFIC CURB AND GUTTER	14,110	$20.00	282,200.00	16.00	225,760.00	14.00	197,540.00	18.70	263,857.00	16.00	225,760.00
105	267	L.F.	EXTRUDED CURB	267	$20.00	5,340.00	20.00	5,340.00	19.00	5,073.00	18.00	4,806.00	18.00	4,806.00
106	710	L.F.	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	710	$25.00	17,750.00	40.00	28,400.00	21.00	14,910.00	30.00	21,300.00	30.00	21,300.00
107	21	L.F.	TYPE C BLOCK TRAFFIC CURB	21	$20.00	420.00	70.00	1,470.00	79.00	1,659.00	65.00	1,365.00	65.00	1,365.00
108	600	L.F.	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB	600	$35.00	21,000.00	85.00	51,000.00	22.00	13,200.00	38.50	23,100.00	50.00	30,000.00
109	1,315	S.Y.	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT	1,315	$75.00	98,625.00	145.00	190,675.00	164.00	215,660.00	136.40	179,366.00	110.00	144,650.00
110	9,115	L.F.	PAINT LINE	9,115	$0.75	6,836.25	0.55	5,013.25	0.50	4,557.50	0.50	4,557.50	0.50	4,557.50
111	1,100	L.F.	PLASTIC LINE	1,100	$2.50	2,750.00	4.40	4,840.00	4.00	4,400.00	4.00	4,400.00	4.00	4,400.00
112	5,451	L.F.	PAINTED WIDE LANE LINE	5,451	$1.00	5,451.00	0.50	2,725.50	1.00	5,451.00	0.50	2,725.50	0.50	2,725.50
113	2,400	L.F.	PLASTIC WIDE LANE LINE	2,400	$3.50	8,400.00	3.30	7,920.00	3.00	7,200.00	3.00	7,200.00	3.00	7,200.00
114	6,210	S.F.	PLASTIC CROSSWALK LINE	6,210	$5.00	31,050.00	4.40	27,324.00	4.00	24,840.00	4.00	24,840.00	4.00	24,840.00
115	200	L.F.	PLASTIC STOP LINE	200	$10.00	1,550.00	10.00	2,000.00	9.00	1,800.00	9.00	1,800.00	10.00	2,000.00
116	29	EACH	PLASTIC BICYCLE LANE SYMBOL	29	$150.00	4,350.00	155.00	4,495.00	147.00	4,263.00	140.00	4,060.00	140.00	4,060.00
117	25	EACH	PLASTIC TRAFFIC ARROW	25	$150.00	3,750.00	200.00	5,000.00	195.00	4,875.00	185.00	4,625.00	185.00	4,625.00
118	89	EACH	PLASTIC TRAFFIC LETTER	89	$85.00	7,565.00	95.00	8,455.00	95.00	8,455.00	85.00	7,565.00	85.00	7,565.00
119	56	EACH	PLASTIC YIELD LINE SYMBOL	56	$65.00	3,640.00	60.00	3,360.00	58.00	3,248.00	55.00	3,080.00	55.00	3,080.00
120	10	EACH	PLASTIC ROUNDABOUT SYMBOL	10	$115.00	1,150.00	166.00	1,660.00	158.00	1,580.00	150.00	1,500.00	150.00	1,500.00
121	1,200	L.F.	TEMPORARY PAVEMENT MARKING-LONG DURATION	1,200	$0.75	900.00	0.55	660.00	1.00	1,200.00	0.50	600.00	0.50	600.00
122	LUMP SUM	L.S.	PERMANENT SIGNING	LUMP SUM	$20,050.00	20,050.00	35,000.00	35,000.00	35,171.00	35,171.00	35,000.00	35,000.00	35,000.00	35,000.00
123	1	EACH	EXISTING ENTRY SIGN	1	$5,000.00	5,000.00	25,000.00	25,000.00	5,000.00	5,000.00	1,500.00	1,500.00	1,200.00	1,200.00
124	25	EACH	SET LUMINAIRE POLE FOUNDATION	25	$1,200.00	64,800.00	2,700.00	67,500.00	637.00	15,925.00	800.00	20,000.00	1,400.00	35,000.00
125	LUMP SUM	L.S.	SIGNAL SYSTEM COMPLETE, TREMONT ST AND POTTERY AVE	LUMP SUM	$91,700.00	91,700.00	135,000.00	135,000.00	145,263.00	145,263.00	115,000.00	115,000.00	135,000.00	135,000.00
126	LUMP SUM	L.S.	SIGNAL SYSTEM COMPLETE, PEDESTRIAN CROSSING SIGNAL	LUMP SUM	$22,500.00	22,500.00	35,000.00	35,000.00	33,684.00	33,684.00	32,000.00	32,000.00	30,000.00	30,000.00
127	LUMP SUM	L.S.	CONDUIT SYSTEM COMPLETE, TREMONT ST AND KITSAP BLVD	LUMP SUM	$25,000.00	25,000.00	25,000.00	25,000.00	30,526.00	30,526.00	22,500.00	22,500.00	30,000.00	30,000.00
128	15,000	HR	PORTABLE CHANGEABLE MESSAGE SIGN	15,000	$5.00	75,000.00	2.30	34,500.00	4.00	60,000.00	3.00	45,000.00	2.50	37,500.00
129	LUMP SUM	L.S.	TRAFFIC CONTROL PLANS	LUMP SUM	$8,000.00	8,000.00	500.00	500.00	10,526.00	10,526.00	5,000.00	5,000.00	1,000.00	1,000.00
130	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$400,000.00	400,000.00	700,000.00	700,000.00	214,737.00	214,737.00	500,000.00	500,000.00	300,000.00	300,000.00
131	LUMP SUM	L.S.	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	$20,000.00	20,000.00	10,000.00	10,000.00	91,368.00	91,368.00	50,000.00	50,000.00	325,000.00	325,000.00
132	10,000	EST.	OFF DUTY UNIFORMED POLICE OFFICER	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
133	LUMP SUM	L.S.	PEDESTRIAN TRAFFIC CONTROL	LUMP SUM	$5,000.00	5,000.00	5,000.00	5,000.00	8,421.00	8,421.00	10,000.00	10,000.00	20,000.00	20,000.00
134	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$75,000.00	75,000.00	50,000.00	50,000.00	100,211.00	100,211.00	200,000.00	200,000.00	135,000.00	135,000.00
135	LUMP SUM	L.S.	PORTABLE TEMPORARY TRAFFIC CONTROL SIGNAL	LUMP SUM	$10,000.00	10,000.00	25,000.00	25,000.00	63,158.00	63,158.00	10,000.00	10,000.00	100,000.00	100,000.00
136	805	S.F.	CONSTRUCTION SIGNS CLASS A	805	$20.00	16,100.00	24.00	19,320.00	18.00	14,490.00	25.00	20,125.00	20.00	16,100.00
137	LUMP SUM	L.S.	TYPE B PROGRESS SCHEDULE	LUMP SUM	$10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	2,500.00	2,500.00
138	300	C.Y.	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	300	$20.00	6,000.00	60.00	18,000.00	52.00	15,600.00	35.00	10,500.00	40.00	12,000.00
139	750	TON	QUARRY SPALLS FOR TRENCH STABILIZATION	750	$50.00	37,500.00	30.00	22,500.00	38.00	28,500.00	33.15	24,862.50	35.00	26,250.00
140	10,000	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	10,000	$20.00	200,000.00	4.00	40,000.00	1.50	15,000.00	20.00	200,000.00	11.00	110,000.00
141	38,500	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	38,500	$1.00	38,500.00	0.07	2,695.00	0.50	19,250.00	0.30	11,550.00	0.25	9,625.00

ENGINEER'S ESTIMATE							Active Construction		RV Associates		Scarsella		JR Hayes	
143	LUMP SUM	L.S.	TRENCH SAFETY SYSTEM	LUMP SUM	$4,500.00	4,500.00	400.00	400.00	2,676.00	2,676.00	25,000.00	25,000.00	5,000.00	5,000.00
144	300	MGAL	WATER	300	$35.00	10,500.00	77.00	23,100.00	169.00	50,700.00	40.00	12,000.00	75.00	22,500.00
145	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$50,000.00	50,000.00	75,000.00	75,000.00	11,579.00	11,579.00	80,000.00	80,000.00	25,000.00	25,000.00
146	LUMP SUM	L.S.	STRUCTURE SURVEYING	LUMP SUM	$20,000.00	20,000.00	1,000.00	1,000.00	11,579.00	11,579.00	20,000.00	20,000.00	5,000.00	5,000.00
147	11	EACH	MONUMENT CASE, COVER, PIPE AND BRASS DISK	11	$500.00	5,500.00	650.00	7,150.00	648.00	7,128.00	600.00	6,600.00	500.00	5,500.00
148	6,055	S.Y.	CEMENT CONC. SIDEWALK	6,055	$35.00	211,925.00	41.00	248,255.00	30.00	181,650.00	40.15	243,108.25	36.00	217,980.00
149	1	L.S.	WAY FINDING SIGNS	1	$25,000.00	25,000.00	100,000.00	100,000.00	600,000.00	600,000.00	5,000.00	5,000.00	550,000.00	550,000.00
150	950	S.Y.	CEMENT CONC. DRIVEWAY ENTRANCE TYPE	950	$60.00	57,000.00	54.00	51,300.00	39.00	37,050.00	54.00	51,300.00	56.00	53,200.00
151	24	EACH	CEMENT CONC. CURB RAMP TYPE 1	24	$1,500.00	36,000.00	1,050.00	25,200.00	842.00	20,208.00	1,155.00	27,720.00	1,200.00	28,800.00
152	2	EACH	CEMENT CONC. CURB RAMP TYPE 4B	2	$1,500.00	3,000.00	2,500.00	5,000.00	2,000.00	4,000.00	2,035.00	4,070.00	1,700.00	3,400.00
153	75	S.Y.	ASPHALT CONC. SIDEWALK RAMP	75	$40.00	3,000.00	90.00	6,750.00	77.00	5,775.00	100.00	7,500.00	110.00	8,250.00
154	7	EACH	CEMENT CONC. BIKE RAMP	7	$750.00	5,250.00	750.00	5,250.00	842.00	5,894.00	1,155.00	8,085.00	550.00	3,850.00
155	725	L.F.	COATED CHAIN LINK FENCE TYPE 3	725	$25.00	18,125.00	23.00	16,675.00	22.00	15,950.00	25.00	18,125.00	21.00	15,225.00
156	1,554	TON	ROCK FOR ROCK WALL	1,554	$75.00	116,550.00	135.00	209,790.00	67.00	104,118.00	100.00	155,400.00	90.00	139,860.00
157	500	TON	BACKFILL FOR ROCK WALL	500	$55.00	27,500.00	40.00	20,000.00	29.00	14,500.00	27.50	13,750.00	13.00	6,500.00
158	3	EACH	ADJUST CATCH BASIN	3	$650.00	1,950.00	550.00	1,650.00	482.00	1,446.00	500.00	1,500.00	500.00	1,500.00
159	1,200	HR	TRAINING	1,200	$5.00	6,000.00	1.00	1,200.00	1.00	1,200.00	5.00	6,000.00	1.00	1,200.00
160	20,000	EST.	ROADSIDE CLEANUP	20,000	$1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
161	150,000	CALC	MINOR CHANGE	150,000	$1.00	150,000.00	1.00	150,000.00	1.00	150,000.00	1.00	150,000.00	1.00	150,000.00
162	LUMP SUM	L.S.	SPCC PLAN	LUMP SUM	$5,000.00	5,000.00	100.00	100.00	2,676.00	2,676.00	5,000.00	5,000.00	2,000.00	2,000.00
163	LUMP SUM	L.S.	FIELD OFFICE BUILDING	LUMP SUM	$15,000.00	15,000.00	30,000.00	30,000.00	14,432.00	14,432.00	25,000.00	25,000.00	45,000.00	45,000.00
164	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,500.00	5,500.00
165	3	EACH	BUS SHELTER FOOTING	3	$1,500.00	4,500.00	750.00	2,250.00	2,649.00	7,947.00	1,500.00	4,500.00	1,500.00	4,500.00
166	3	EACH	MAILBOX CLUSTER BOX	3	$2,000.00	6,000.00	1,000.00	3,000.00	1,263.00	3,789.00	3,000.00	9,000.00	2,500.00	7,500.00
167	2	EACH	RELOCATE EXISTING MAILBOX	2	$500.00	1,000.00	550.00	1,100.00	315.00	630.00	500.00	1,000.00	500.00	1,000.00
168	LUMP SUM	L.S.	CONSTRUCTION SEQUENCING PLAN	LUMP SUM	$2,000.00	2,000.00	100.00	100.00	66,685.00	66,685.00	2,500.00	2,500.00	2,000.00	2,000.00
169	100,000	EST.	RESOLUTION OF UTILITY CONFLICTS	100,000	$1.00	100,000.00	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00
170	LUMP SUM	L.S.	TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN	LUMP SUM	$20,000.00	20,000.00	100.00	100.00	2,676.00	2,676.00	5,000.00	5,000.00	1,500.00	1,500.00
171	2	EACH	CATCH BASIN TYPE 2 - 60"	2			4,000.00	8,000.00	5,202.00	10,404.00	4,055.00	8,110.00	4,500.00	9,000.00
172	2	EACH	STORM VAULT - 5' X 7'	2			6,500.00	13,000.00	8,330.00	16,660.00	5,925.00	11,850.00	7,000.00	14,000.00
			SCHEDULE A TOTAL CONSTRUCTION COST				**$**	**10,489,513.72**	**$**	**10,357,737.77**	**$**	**10,615,292.30**	**$**	**10,951,705.00**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE B	GROUP 2 WATER	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	62,400.00	1,000.00	1,000.00	36,681.00	36,681.00	0.01	0.01	2,000.00	2,000.00
2	LUMP SUM	L.S.	REMOVING MISCELLANEOUS WATER ITEM	LUMP SUM	$22,500.00	22,500.00	25,000.00	25,000.00	2,676.00	2,676.00	2,500.00	2,500.00	3,830.00	3,830.00
3	11	EACH	GATE VALVE 8 IN.	13	$1,450.00	15,950.00	1,500.00	19,500.00	2,076.00	26,988.00	1,640.00	21,320.00	1,575.00	20,475.00
4	9	EACH	GATE VALVE 12 IN.	15	$1,800.00	16,200.00	1,600.00	24,000.00	2,702.00	40,530.00	2,850.00	42,750.00	2,520.00	37,800.00
5	4	EACH	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 1 IN.	3	$2,400.00	9,600.00	2,000.00	6,000.00	3,096.00	9,288.00	3,150.00	9,450.00	2,550.00	7,650.00
6	11	EACH	HYDRANT ASSEMBLY	11	$4,500.00	49,500.00	6,000.00	66,000.00	5,351.00	58,861.00	7,900.00	86,900.00	5,500.00	60,500.00
7	1	EACH	MOVING EXISTING HYDRANT	1	$2,500.00	2,500.00	2,600.00	2,600.00	3,418.00	3,418.00	1,600.00	1,600.00	3,000.00	3,000.00
8	26	EACH	SERVICE CONNECTION 1 IN. DIAM.	26	$750.00	19,500.00	1,400.00	36,400.00	2,131.00	55,406.00	1,725.00	44,850.00	1,500.00	39,000.00
9	26	EACH	WATER METER	26	$1,200.00	31,200.00	450.00	11,700.00	496.00	12,896.00	750.00	19,500.00	500.00	13,000.00
10	1,800	L.F.	DUCTILE IRON PIPE FOR WATER MAIN 8 IN. DIAM.	1,800	$50.00	90,000.00	45.00	81,000.00	45.00	81,000.00	50.00	90,000.00	64.00	115,200.00
11	2,660	L.F.	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.	2,660	$60.00	159,600.00	63.00	167,580.00	57.00	151,620.00	72.40	192,584.00	83.00	220,780.00
12	2,000	LBS.	ADDITIONAL IRON FITTINGS	2,000	$5.00	10,000.00	5.00	10,000.00	11.00	22,000.00	5.00	10,000.00	8.00	16,000.00
13	45	TON	HMA CL. 1/2" PG 64-22 FOR PAVEMENT PATCH	45	$90.00	4,050.00	275.00	12,375.00	116.00	5,220.00	200.00	9,000.00	200.00	9,000.00
14	55	TON	CRUSHED SURFACING BASE COURSE	55	$25.00	1,375.00	50.00	2,750.00	69.00	3,795.00	30.40	1,672.00	20.00	1,100.00
15	3,300	TON	GRAVEL BORROW INCL. HAUL	3,300	$12.00	39,600.00	15.00	49,500.00	10.00	33,000.00	15.75	51,975.00	0.01	33.00
17	9	EACH	CONNECTION TO EXISTING 8 IN. DIAM. MAIN W/ ISOLATION COUPLING	9	$2,500.00	22,500.00	1,600.00	14,400.00	3,542.00	31,878.00	2,025.00	18,225.00	1,350.00	12,150.00
18	1	EACH	CONNECTION TO EXISTING 10 IN. DIAM. MAIN W/ ISOLATION COUPLING	1	$3,000.00	3,000.00	2,000.00	2,000.00	4,812.00	4,812.00	5,650.00	5,650.00	4,500.00	4,500.00
19	1	EACH	CONNECTION TO EXISTING 12 IN. DIAM. MAIN W/ ISOLATION COUPLING	1	$3,500.00	3,500.00	2,000.00	2,000.00	5,679.00	5,679.00	5,200.00	5,200.00	1,830.00	1,830.00
20	305	C.Y.	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	305	$20.00	6,100.00	56.00	17,080.00	66.00	20,130.00	35.00	10,675.00	35.00	10,675.00
21	775	TON	QUARRY SPALLS FOR TRENCH STABILIZATION	775	$50.00	38,750.00	30.00	23,250.00	39.00	30,225.00	33.15	25,691.25	37.00	28,675.00
22	3,500	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	3,500	$20.00	70,000.00	20.00	70,000.00	1.00	3,500.00	20.00	70,000.00	11.00	38,500.00
23	23,400	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	23,400	$1.00	23,400.00	0.05	1,170.00	0.50	11,700.00	0.30	7,020.00	0.25	5,850.00
24	10,000	EST.	EROSION/WATER POLLUTION CONTROL	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
25	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$5,000.00	5,000.00	1.00	1.00	29,474.00	29,474.00	0.01	0.01	1,000.00	1,000.00
26	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$35,000.00	35,000.00	25,000.00	25,000.00	63,158.00	63,158.00	0.01	0.01	1,000.00	1,000.00
27	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$15,000.00	15,000.00	1,000.00	1,000.00	11,579.00	11,579.00	5,000.00	5,000.00	10,000.00	10,000.00
28	40,000	CALC	MINOR CHANGE	40,000	$1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00
29	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$1,000.00	1,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,500.00	5,500.00
30	1	EACH	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 IN.	1			3,500.00	3,500.00	4,500.00	4,500.00	4,770.00	4,770.00	4,000.00	4,000.00
			ESTIMATED TOTAL BID COST					729,806.00		815,014.00		791,332.28		723,048.00
			Washington State Sales Tax (9.0%)					65,682.54		73,351.26		71,219.91		65,074.32
			SCHEDULE B TOTAL CONSTRUCTION COST				**$**	**795,488.54**	**$**	**888,365.26**	**$**	**862,552.19**	**$**	**788,122.32**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE C	GROUP 3 SEWER	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	44,500.00	1,000.00	1,000.00	33,588.00	33,588.00	0.01	0.01	2,000.00	2,000.00
2	2,507	L.F.	TESTING SEWER PIPE	2,507	$3.50	8,774.50	2.00	5,014.00	3.00	7,521.00	4.00	10,028.00	3.00	7,521.00
3	292	L.F.	PVC SANITARY SEWER PIPE 6 IN. DIAM.	292	$25.00	7,300.00	46.00	13,432.00	13.00	3,796.00	41.05	11,986.60	112.00	32,704.00
4	2,215	L.F.	PVC SANITARY SEWER PIPE 8 IN. DIAM.	2,215	$30.00	66,450.00	41.00	90,815.00	42.00	93,030.00	43.75	96,906.25	78.00	172,770.00

ENGINEER'S ESTIMATE							Active Construction		RV Associates		Scarsella		JR Hayes	
5	LUMP SUM	L.S.	TEMPORARY SANITARY SEWER BYPASS	LUMP SUM	$8,000.00	8,000.00	7,500.00	7,500.00	27,005.00	27,005.00	5,000.00	5,000.00	10,000.00	10,000.00
6	325	TON	HMA CL. 1/2" PG 64-22 FOR PAVEMENT PATCH	325	$90.00	29,250.00	260.00	84,500.00	132.00	42,900.00	100.00	32,500.00	180.00	58,500.00
7	10,000	EST.	EROSION/WATER POLLUTION CONTROL	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
8	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$5,000.00	5,000.00	1.00	1.00	22,105.00	22,105.00	0.01	0.01	1,000.00	1,000.00
9	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$35,000.00	35,000.00	10,000.00	10,000.00	37,895.00	37,895.00	0.01	0.01	1,000.00	1,000.00
10	50	C.Y.	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	50	$20.00	1,000.00	83.00	4,150.00	47.00	2,350.00	35.00	1,750.00	40.00	2,000.00
11	128	TON	QUARRY SPALLS FOR TRENCH STABILIZATION	128	$50.00	6,400.00	30.00	3,840.00	42.00	5,376.00	33.15	4,243.20	38.00	4,864.00
12	2,800	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	2,800	$20.00	56,000.00	19.00	53,200.00	1.00	2,800.00	20.00	56,000.00	11.00	30,800.00
13	21,850	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	21,850	$1.00	21,850.00	0.11	2,403.50	0.50	10,925.00	0.30	6,555.00	0.50	10,925.00
15	435	TON	CRUSHED SURFACING BASE COURSE	435	$20.00	8,700.00	44.00	19,140.00	28.00	12,180.00	30.40	13,224.00	20.00	8,700.00
16	3,365	TON	GRAVEL BORROW INCL. HAUL	3,365	$12.00	40,380.00	14.00	47,110.00	11.00	37,015.00	15.75	52,998.75	0.01	33.65
17	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$15,000.00	15,000.00	1,000.00	1,000.00	11,579.00	11,579.00	2,500.00	2,500.00	10,000.00	10,000.00
18	5	EACH	SEWER CLEANOUT	5	$500.00	2,500.00	750.00	3,750.00	1,264.00	6,320.00	1,750.00	8,750.00	300.00	1,500.00
19	13	EACH	MANHOLE 48 IN. DIAM. TYPE 1	13	$3,500.00	45,500.00	5,000.00	65,000.00	5,898.00	76,674.00	4,700.00	61,100.00	4,000.00	52,000.00
20	14	EACH	ADJUST MANHOLE	14	$750.00	10,500.00	375.00	5,250.00	740.00	10,360.00	800.00	11,200.00	500.00	7,000.00
21	25,000	CALC	MINOR CHANGE	25,000	$1.00	25,000.00	1.00	25,000.00	1.00	25,000.00	1.00	25,000.00	1.00	25,000.00
22	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$1,000.00	1,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,500.00	5,500.00
			ESTIMATED TOTAL BID COST					457,105.50		483,419.00		414,741.83		453,817.65
			Washington State Sales Tax (9.0%)					41,139.50		43,507.71		37,326.76		40,843.59
			SCHEDULE C TOTAL CONSTRUCTION COST					**$ 498,245.00**		**$ 526,926.71**		**$ 452,068.59**		**$ 494,661.24**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE D	GROUP 4 U/G UTIL	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	92,600.00	1,000.00	1,000.00	2,199.00	2,199.00	0.01	0.01	1,000.00	1,000.00
2	50,000	EST.	UTILITY POTHOLING	50,000	$1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00
3	5,354	L.F.	JOINT UTILITY TRENCH	5,354	$65.00	348,010.00	45.00	240,930.00	20.00	107,080.00	50.00	267,700.00	50.00	267,700.00
4	6,597	L.F.	JOINT LATERAL TRENCH	6,597	$40.00	263,880.00	18.50	122,044.50	16.00	105,552.00	22.50	148,432.50	36.00	237,492.00
5	3	EACH	INSTALL UTILITY VAULT/HANDHOLE - KPUD PROVIDED TYPE 25-TA	3	$600.00	1,800.00	950.00	2,850.00	1,041.00	3,123.00	800.00	2,400.00	1,750.00	5,250.00
6	9	EACH	INSTALL UTILITY VAULT/HANDHOLE - KPUD PROVIDED TYPE 3030	9	$300.00	2,700.00	550.00	4,950.00	994.00	8,946.00	475.00	4,275.00	1,050.00	9,450.00
7	19	EACH	INSTALL UTILITY VAULT/HANDHOLE - CENTURY LINK PROVIDED TEL PED	19	$200.00	3,800.00	250.00	4,750.00	683.00	12,977.00	200.00	3,800.00	1,050.00	19,950.00
8	2	EACH	INSTALL UTILITY VAULT/HANDHOLE - CENTURY LINK PROVIDED 38Y-4686	2	$1,650.00	3,300.00	1,400.00	2,800.00	741.00	1,482.00	1,150.00	2,300.00	1,750.00	3,500.00
9	8	EACH	INSTALL UTILITY VAULT/HANDHOLE - WAVE BROADBAND PROVIDED 2'X3' VAULT	8	$450.00	3,600.00	650.00	5,200.00	1,099.00	8,792.00	525.00	4,200.00	750.00	6,000.00
10	15	EACH	INSTALL UTILITY VAULT/HANDHOLE - WAVE BROADBAND PROVIDED 17'X30'	15	$450.00	6,750.00	300.00	4,500.00	319.00	4,785.00	255.00	3,825.00	750.00	11,250.00
11	4	EACH	INSTALL UTILITY VAULT/HANDHOLE - WAVE BROADBAND PROVIDED 10" HANDHOLE	4	$200.00	800.00	1,500.00	6,000.00	483.00	1,932.00	150.00	600.00	600.00	2,400.00
12	3	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 575	3	$850.00	2,550.00	1,200.00	3,600.00	1,996.00	5,988.00	1,000.00	3,000.00	3,000.00	9,000.00
13	12	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 576 W ANTI-SKID LID	12	$850.00	10,200.00	1,100.00	13,200.00	2,182.00	26,184.00	910.00	10,920.00	4,000.00	48,000.00
14	13	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 3642	13	$350.00	4,550.00	650.00	8,450.00	646.00	8,398.00	550.00	7,150.00	1,350.00	17,550.00
15	4	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 233	4	$350.00	1,400.00	700.00	2,800.00	1,211.00	4,844.00	590.00	2,360.00	1,750.00	7,000.00
16	2	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 5106 SHORT	2	$1,250.00	2,500.00	1,800.00	3,600.00	2,782.00	5,564.00	1,500.00	3,000.00	2,900.00	5,800.00
17	2	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 38Y-5106	2	$1,750.00	3,500.00	1,800.00	3,600.00	3,528.00	7,056.00	1,450.00	2,900.00	2,900.00	5,800.00
18	54	EACH	INSTALL UTILITY VAULT/HANDHOLE - INTOLIGHT PROVIDED HANDHOLE	54	$350.00	18,900.00	250.00	13,500.00	340.00	18,360.00	215.00	11,610.00	1,000.00	54,000.00
19	718	L.F.	INSTALL CONDUIT PIPE 4 IN. DIAM. - KPUD	718	$6.00	4,308.00	6.50	4,667.00	27.00	19,386.00	5.35	3,841.30	6.00	4,308.00
20	5,594	L.F.	INSTALL CONDUIT PIPE 6 IN. DIAM. - KPUD	5,594	$11.00	61,534.00	6.00	33,564.00	10.00	55,940.00	5.00	27,970.00	7.00	39,158.00
21	3,600	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - CENTURY LINK	3,600	$3.50	12,600.00	4.00	14,400.00	4.00	14,400.00	3.25	11,700.00	4.00	14,400.00
22	8,936	L.F.	INSTALL CONDUIT PIPE 4 IN. DIAM. - CENTURY LINK	8,936	$6.00	53,616.00	5.00	44,680.00	5.00	44,680.00	4.00	35,744.00	4.00	35,744.00
23	6	L.F.	INSTALL CONDUIT PIPE 1 IN. DIAM. - WAVE BROADBAND	6	$2.50	15.00	13.00	78.00	105.00	630.00	11.00	66.00	10.00	60.00
24	15,729	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - WAVE BROADBAND	15,729	$3.50	55,051.50	4.00	62,916.00	3.00	47,187.00	3.40	53,478.60	4.00	62,916.00
25	29	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - PSE	29	$3.50	101.50	7.50	217.50	40.00	1,160.00	6.15	178.35	4.00	116.00
26	318	L.F.	INSTALL CONDUIT PIPE 3 IN. DIAM. - PSE	318	$4.75	1,510.50	6.00	1,908.00	16.00	5,088.00	5.10	1,621.80	4.00	1,272.00
27	12,465	L.F.	INSTALL CONDUIT PIPE 4 IN. DIAM. - PSE	12,465	$6.00	74,790.00	5.00	62,325.00	6.00	74,790.00	4.40	54,846.00	4.00	49,860.00
28	6,489	L.F.	INSTALL CONDUIT PIPE 6 IN. DIAM. - PSE	6,489	$11.00	71,379.00	6.00	38,934.00	9.00	58,401.00	5.00	32,445.00	5.00	32,445.00
29	8,431	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - INTOLIGHT	8,431	$3.50	29,508.50	4.00	33,724.00	3.00	25,293.00	3.35	28,243.85	5.00	42,155.00
30	8,282	L.F.	FURNISH AND INSTALL CONDUIT PIPE 2 IN. DIAM. - CITY	8,282	$3.50	28,987.00	5.00	41,410.00	5.00	41,410.00	4.30	35,612.60	4.00	33,128.00
31	20,000	EST.	EROSION/WATER POLLUTION CONTROL	20,000	$1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
32	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$5,000.00	5,000.00	1.00	1.00	51,579.00	51,579.00	0.01	0.01	1,500.00	1,500.00
33	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$15,000.00	15,000.00	10,000.00	10,000.00	88,421.00	88,421.00	0.01	0.01	1,500.00	1,500.00
34	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$5,000.00	5,000.00	1,000.00	1,000.00	10,526.00	10,526.00	5,000.00	5,000.00	5,000.00	5,000.00
35	40,000	CALC	MINOR CHANGE	40,000	$1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00
36	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$1,000.00	1,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,500.00	5,500.00
			ESTIMATED TOTAL BID COST					908,599.00		987,153.00		884,220.03		1,150,204.00
			Washington State Sales Tax (9.0%)					81,773.91		88,843.77		79,579.80		103,518.36
			SCHEDULE D TOTAL CONSTRUCTION COST					**$ 990,372.91**		**$ 1,075,996.77**		**$ 963,799.83**		**$ 1,253,722.36**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE E	GROUP 3 SEWER	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	100.00	100.00	100.00	2,246.00	2,246.00	0.01	0.01	500.00	500.00
2	1	EACH	NEW SANITARY SEWER SERVICE CONNECTION	1	$8,000.00	$8,000.00	5,000.00	5,000.00	3,310.00	3,310.00	7,500.00	7,500.00	3,500.00	3,500.00
3	LUMP SUM	L.S.	RECORD DRAWINGS (NOT IN BID PROPOSAL FORM)	LUMP SUM	$1,000.00	$1,000.00								
			ESTIMATED TOTAL BID COST					5,100.00		5,556.00		7,500.01		4,000.00
			Washington State Sales Tax (9.0%)					459.00		500.04		675.00		360.00
			SCHEDULE E TOTAL CONSTRUCTION COST					**$ 5,559.00**		**$ 6,056.04**		**$ 8,175.01**		**$ 4,360.00**

ENGINEER'S ESTIMATE		Active Construction	RV Associates	Scarsella	JR Hayes
	ENGRS ESTIMATE	Active Construction	RV Associates	Scarsella	JR Hayes
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE A ROADWAY IMPROVEMENTS	$ 9,689,373.00	$ 10,489,513.72	$ 10,357,737.77	$ 10,615,292.30	$ 10,951,705.00
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE B WATER	$ 917,645	$ 795,488.54	$ 888,365.26	$ 862,552.19	$ 788,122.32
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE C SANITARY SEWER	$ 654,265	$ 498,245.00	$ 526,926.71	$ 452,068.59	$ 494,661.24
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE D UNDERGROUND UTILITIES	$ 1,417,271	$ 990,372.91	$ 1,075,996.77	$ 963,799.83	$ 1,253,722.36
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE E SANITARY SEWER	$ 9,920	$ 5,559.00	$ 6,056.04	$ 8,175.01	$ 4,360.00
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULES A THRU E	$ 12,688,474	$ 12,779,179.17	$ 12,855,082.55	$ 12,901,887.92	$ 13,492,570.92

CITY OF PORT ORCHARD
PUBLIC WORKS DEPARTMENT

TREMONT STREET IMPROVEMENTS
SR 16 to Port Orchard Boulevard
Opening: 6/6/2017

Fed Aid Proj No: STPUS-6610(004)

ENGINEER'S ESTIMATE								$ 13,765,178.39		$ 14,359,155.52		$ 14,363,001.10		$ 15,706,455.19	
								Ceccanti		Granite		Rodarte		Tucci	
ITEM #	QTY	UNITS	SCHEDULE A ITEM DESCRIPTION	GROUP 1 ROADWAY	UNIT PRICE	AMOUNT		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	717,700.00		1,130,000.00	1,130,000.00	1,400,000.00	1,400,000.00	1,067,000.00	1,067,000.00	1,500,000.00	1,500,000.00
2	6.5	ACRE	CLEARING AND GRUBBING	6.5	$5,000.00	32,500.00		10,000.00	65,000.00	20,000.00	130,000.00	22,000.00	143,000.00	20,000.00	130,000.00
3	LUMP SUM	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTIONS	LUMP SUM	$75,000.00	75,000.00		27,000.00	27,000.00	24,000.00	24,000.00	55,000.00	55,000.00	32,000.00	32,000.00
4	LUMP SUM	L.S.	REMOVING MISCELLANEOUS TRAFFIC ITEM	LUMP SUM	$40,000.00	40,000.00		23,000.00	23,000.00	12,000.00	12,000.00	4,000.00	4,000.00	15,000.00	15,000.00
5	LUMP SUM	L.S.	REMOVING MISCELLANEOUS DRAINAGE ITEM	LUMP SUM	$53,000.00	53,000.00		50,000.00	50,000.00	48,000.00	48,000.00	30,000.00	30,000.00	63,000.00	63,000.00
6	LUMP SUM	L.S.	RELOCATE SIGNIFICANT SIGN	LUMP SUM	$16,000.00	16,000.00		30,000.00	30,000.00	24,000.00	24,000.00	30,000.00	30,000.00	25,000.00	25,000.00
7	20,000	EST.	ASBESTOS ABATEMENT	20,000	$1.00	20,000.00		1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
8	LUMP SUM	L.S.	DEMOLITION AND REMOVAL OF BUILDINGS	LUMP SUM	$15,000.00	15,000.00		16,000.00	16,000.00	25,000.00	25,000.00	35,000.00	35,000.00	50,000.00	50,000.00
9	2,600	S.Y.	REMOVE EXISTING PAVEMENT, TYPE I CLASS C6	2,600	$5.00	13,000.00		10.00	26,000.00	8.00	20,800.00	9.00	23,400.00	10.00	26,000.00
10	LUMP SUM	L.S.	REMOVING GUARDRAIL AND MISC. GRADING - TEMP ACCESS	LUMP SUM	$5,000.00	5,000.00		10,000.00	10,000.00	2,400.00	2,400.00	9,000.00	9,000.00	53,000.00	53,000.00
11	26,000	C.Y.	ROADWAY EXCAVATION INCL. HAUL	26,000	$18.00	468,000.00		37.00	962,000.00	25.00	650,000.00	32.00	832,000.00	28.80	748,800.00
12	33,000	TON	GRAVEL BORROW INCL. HAUL	33,000	$15.00	495,000.00		14.00	462,000.00	5.00	165,000.00	13.00	429,000.00	20.20	666,600.00
13	150	C.Y.	DITCH EXCAVATION INCL. HAUL	150	$40.00	6,000.00		37.00	5,550.00	9.00	1,350.00	42.00	6,300.00	45.00	6,750.00
14	22	EACH	COMBINATION INLET	22	$600.00	13,200.00		1,000.00	22,000.00	500.00	11,000.00	600.00	13,200.00	1,300.00	28,600.00
15	24	C.Y.	HAND PLACED RIPRAP	24	$100.00	2,400.00		60.00	1,440.00	100.00	2,400.00	120.00	2,880.00	100.00	2,400.00
16	475	TON	QUARRY SPALLS	475	$25.00	11,875.00		22.00	10,450.00	40.00	19,000.00	45.00	21,375.00	40.00	19,000.00
17	58	EACH	CATCH BASIN TYPE 1	58	$1,300.00	75,400.00		1,100.00	63,800.00	2,400.00	139,200.00	1,300.00	75,400.00	1,315.00	76,270.00
18	54	EACH	CATCH BASIN TYPE 2 48 IN. DIAM.	54	$2,500.00	135,000.00		4,200.00	226,800.00	7,500.00	405,000.00	2,500.00	135,000.00	3,935.00	212,490.00
19	8,350	L.F.	TESTING STORM SEWER PIPE	8,350	$3.00	25,050.00		2.00	16,700.00	4.00	33,400.00	4.50	37,575.00	2.00	16,700.00
20	586	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	586	$50.00	29,750.00		37.00	21,682.00	120.00	70,320.00	50.00	29,300.00	58.00	33,988.00
21	86	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	86	$70.00	6,020.00		48.00	4,128.00	110.00	9,460.00	135.00	11,610.00	75.00	6,450.00
22	8	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 6 IN. DIAM.	8	$50.00	400.00		37.00	296.00	120.00	960.00	240.00	1,920.00	200.00	1,600.00
23	4,567	L.F.	CORRUGATED POLYETHYLENE STORM SEWER PIPE 12 IN. DIAM.	4,567	$32.00	146,144.00		37.00	168,979.00	70.00	319,690.00	40.00	182,680.00	50.20	229,263.40
24	12	L.F.	CORRUGATED POLYETHYLENE STORM SEWER PIPE 15 IN. DIAM.	12	$35.00	420.00		40.00	480.00	100.00	1,200.00	200.00	2,400.00	100.00	1,200.00
25	2,118	L.F.	CORRUGATED POLYETHYLENE STORM SEWER PIPE 18 IN. DIAM.	2,118	$38.00	80,484.00		48.00	101,664.00	55.00	116,490.00	60.00	127,080.00	68.15	144,341.70
26	2	EACH	FLOW SPLITTER	2	$5,500.00	11,000.00		5,000.00	10,000.00	7,500.00	15,000.00	19,000.00	38,000.00	15,000.00	30,000.00
27	5	EACH	TYPE 250 INLET	5	$1,250.00	6,250.00		1,100.00	5,500.00	1,500.00	7,500.00	1,300.00	6,500.00	900.00	4,500.00
28	49	L.F.	SLOTTED DRAIN PIPE 12 IN. DIAM.	49	$90.00	4,410.00		120.00	5,880.00	300.00	14,700.00	525.00	25,725.00	450.00	22,050.00
29	152	L.F.	DUCTILE IRON STORM SEWER PIPE 8 IN. DIAM.	152	$45.00	6,840.00		50.00	7,600.00	60.00	9,120.00	145.00	22,040.00	60.00	9,120.00
30	142	L.F.	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM.	142	$55.00	7,810.00		55.00	7,810.00	90.00	12,780.00	170.00	24,140.00	70.00	9,940.00
31	102	L.F.	DUCTILE IRON STORM SEWER PIPE 18 IN. DIAM.	102	$65.00	6,630.00		70.00	7,140.00	120.00	12,240.00	165.00	16,830.00	103.00	10,506.00
32	515	L.F.	DUCTILE IRON STORM SEWER PIPE 30 IN. DIAM.	515	$75.00	38,625.00		110.00	56,650.00	275.00	141,625.00	225.00	115,875.00	235.00	121,025.00
33	45	L.F.	SOLID WALL PVC STORM SEWER PIPE 6 IN. DIAM.	45	$40.00	1,440.00		37.00	1,665.00	50.00	2,250.00	120.00	5,400.00	100.00	4,500.00
34	2	EACH	OIL / WATER SEPARATOR	2	$45,000.00	90,000.00		37,000.00	74,000.00	55,000.00	110,000.00	35,000.00	70,000.00	40,000.00	80,000.00
35	6	EACH	CONNECT NEW STORM SEWER PIPE TO EXISTING STRUCTURE	6	$1,200.00	7,200.00		600.00	3,600.00	1,500.00	9,000.00	1,900.00	11,400.00	1,000.00	6,000.00
36	5	EACH	RECONNECT EXISTING STORM SEWER PIPE TO NEW STRUCTURE	5	$800.00	4,000.00		400.00	2,000.00	4,000.00	20,000.00	2,000.00	10,000.00	500.00	2,500.00
37	1	EACH	MODIFIED CATCH BASIN TYPE 2 - 72 "	1	$8,500.00	8,500.00		8,400.00	8,400.00	14,000.00	14,000.00	7,500.00	7,500.00	12,000.00	12,000.00
38	LUMP SUM	L.S.	STORMWATER DETENTION VAULT EAST	LUMP SUM	$450,000.00	450,000.00		400,000.00	400,000.00	560,000.00	560,000.00	400,000.00	400,000.00	480,000.00	480,000.00
39	LUMP SUM	L.S.	STORMWATER DETENTION VAULT WEST	LUMP SUM	$650,000.00	650,000.00		600,000.00	600,000.00	970,000.00	970,000.00	600,000.00	600,000.00	735,000.00	735,000.00
40	1	EACH	MODULAR WETLAND EAST	1	$2,000.00	2,000.00		29,000.00	29,000.00	60,000.00	60,000.00	45,000.00	45,000.00	34,000.00	34,000.00
41	1	EACH	MODULAR WETLAND WEST	1	$2,200.00	2,200.00		46,000.00	46,000.00	45,000.00	45,000.00	55,000.00	55,000.00	54,000.00	54,000.00
42	9,000	S.F.	STRUCTURAL EARTH WALL	9,000	$35.00	315,000.00		7.00	63,000.00	11.00	99,000.00	25.00	225,000.00	24.00	216,000.00
43	3,066	C.Y.	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	3,066	$30.00	91,980.00		25.00	76,650.00	10.00	30,660.00	30.00	91,980.00	26.00	79,716.00
44	7,200	TON	CRUSHED SURFACING BASE COURSE	7,200	$25.00	180,000.00		37.00	266,400.00	32.00	230,400.00	25.00	180,000.00	27.30	196,560.00
45	3,800	TON	CRUSHED SURFACING TOP COURSE	3,800	$25.00	95,000.00		37.00	140,600.00	32.00	121,600.00	32.00	121,600.00	30.40	115,520.00
46	150	TON	CRUSHED SURFACING BASE COURSE - TEMP ACCESS	150	$20.00	3,000.00		37.00	5,550.00	34.00	5,100.00	38.00	5,700.00	60.00	9,000.00
47	2,900	S.Y.	PLANING BITUMINOUS PAVEMENT	2,900	$8.00	23,200.00		7.00	20,300.00	9.00	26,100.00	10.00	29,000.00	10.00	29,000.00
48	11,000	TON	HMA CL. 1/2 IN. PG 64-22	11,000	$80.00	880,000.00		90.00	990,000.00	73.00	803,000.00	105.00	1,155,000.00	77.50	852,500.00
49	15,000	CALC	ASPHALT COST PRICE ADJUSTMENT	15,000	$1.00	15,000.00		1.00	15,000.00	1.00	15,000.00	1.00	15,000.00	1.00	15,000.00
50	500	TON	HMA CL. 1/2" PG 64-22 FOR PAVEMENT PATCH	500	$90.00	45,000.00		150.00	75,000.00	125.00	62,500.00	150.00	75,000.00	155.00	77,500.00
51	2,250	TON	TEMPORARY PAVEMENT	2,250	$75.00	168,750.00		90.00	202,500.00	0.01	22.50	100.00	225,000.00	93.00	209,250.00
52	LUMP SUM	L.S.	IRRIGATION SYSTEM	LUMP SUM	$150,000.00	150,000.00		210,000.00	210,000.00	175,000.00	175,000.00	180,000.00	180,000.00	170,000.00	170,000.00
53	400	DAY	ESC LEAD	400	$100.00	40,000.00		1.00	400.00	1.00	400.00	125.00	50,000.00	20.00	8,000.00
54	900	HR	STREET CLEANING	900	$120.00	108,000.00		90.00	81,000.00	155.00	139,500.00	90.00	81,000.00	150.00	135,000.00
55	564	S.Y.	STABILIZED CONSTRUCTION ENTRANCE	564	$27.00	15,228.00		20.00	11,280.00	20.00	11,280.00	28.00	15,792.00	33.00	18,612.00
56	10	EACH	STREAMBED BOULDER ONE MAN	10	$225.00	2,250.00		150.00	1,500.00	230.00	2,300.00	250.00	2,500.00	10.00	100.00
57	2,190.00	CY	TOPSOIL TYPE A	2,190	$30.00	65,700.00		35.00	76,650.00	40.00	87,600.00	38.00	83,220.00	35.00	76,650.00
58	6.13	ACRE	FINE COMPOST	6.13	$10,000.00	61,300.00		14,000.00	85,820.00	16,000.00	98,080.00	15,000.00	91,950.00	14,000.00	85,820.00
59	10	L.F.	CHECK DAM	10	$20.00	200.00		16.00	160.00	10.00	100.00	36.00	360.00	50.00	500.00
60	10,000	S.Y.	PLASTIC COVERING	10,000	$2.50	25,000.00		2.00	20,000.00	2.50	25,000.00	1.00	10,000.00	3.00	30,000.00
61	130	EACH	INLET PROTECTION	130	$90.00	11,700.00		80.00	10,400.00	100.00	13,000.00	45.00	5,850.00	85.00	11,050.00
62	3,600	L.F.	SILT FENCE	3,600	$5.00	18,000.00		4.00	14,400.00	6.00	21,600.00	3.00	10,800.00	5.00	18,000.00
63	30	L.F.	GEOTEXTILE-ENCASED CHECK DAM	30	$75.00	2,250.00		10.00	300.00	20.00	600.00	60.00	1,800.00	20.00	600.00
64	200,000	EST.	EROSION/WATER POLLUTION CONTROL	200,000	$1.00	200,000.00		1.00	200,000.00	1.00	200,000.00	1.00	200,000.00	1.00	200,000.00

ENGINEER'S ESTIMATE							Ceccanti		Granite		Rodarte		Tucci	
65	3.64	ACRE	TOPSOIL TYPE C	3.64	$38,000.00	138,320.00	7,000.00	25,480.00	11,000.00	40,040.00	7,500.00	27,300.00	14,600.00	53,144.00
66	19,006	S.Y.	PLANTING AREA PREPARATION	19,006	$1.00	19,006.00	2.00	38,012.00	2.50	47,515.00	2.25	42,763.50	2.00	38,012.00
67	23	EACH	PSIPE VINE MAPLE, 6' to 8' HT., B&B MULTI-STEMMED	23	$40.00	920.00	150.00	3,450.00	175.00	4,025.00	170.00	3,910.00	150.00	3,450.00
68	5	EACH	PSIPE BOWHALL MAPLE, 3" CAL. B&B	5	$400.00	2,000.00	400.00	2,000.00	450.00	2,250.00	425.00	2,125.00	400.00	2,000.00
69	63	EACH	PSIPE RED SUNSET MAPLE, 3" CAL. B&B	63	$400.00	25,200.00	400.00	25,200.00	450.00	28,350.00	425.00	26,775.00	400.00	25,200.00
70	26	EACH	PSIPE AUTUMN BLAZE MAPLE, 3" CAL. B&B	26	$400.00	10,400.00	400.00	10,400.00	450.00	11,700.00	425.00	11,050.00	400.00	10,400.00
71	9	EACH	PSIPE HIMALAYAN BIRCH, 3" CAL. B&B	9	$350.00	3,150.00	400.00	3,600.00	450.00	4,050.00	425.00	3,825.00	400.00	3,600.00
72	11	EACH	PSIPE DOUGLAS FIR, NO. 1 CONT.,12 IN. HT.	11	$8.00	88.00	10.00	110.00	20.00	220.00	11.00	121.00	10.00	110.00
73	5	EACH	PSIPE CASCARA, NO. 2 CONT., 12-36 IN. HT.	5	$15.00	75.00	16.00	80.00	15.00	75.00	17.00	85.00	16.00	80.00
74	864	EACH	PSIPE TALL OREGON GRAPE, NO. 1 CONT., 15 IN. HT.	864	$8.00	6,912.00	10.00	8,640.00	12.00	10,368.00	11.00	9,504.00	10.00	8,640.00
75	772	EACH	PSIPE COMPACT OREGON GRAPE, NO. 2 CONT., 15 IN. HT.	772	$15.00	11,580.00	10.00	7,720.00	12.00	9,264.00	11.00	8,492.00	10.00	7,720.00
76	5,943	EACH	PSIPE KINNIKINNICK, NO. 1 CONT.	5,943	$18.00	106,974.00	8.00	47,544.00	9.50	56,458.50	9.00	53,487.00	8.00	47,544.00
77	4,537	EACH	PSIPE BRAMBLE, NO. 1 CONT.	4,537	$7.00	31,759.00	8.00	36,296.00	9.50	43,101.50	9.00	40,833.00	8.00	36,296.00
78	5,440	EACH	PSIPE OREGON AND KAMCHATKA SEDUM, 4" POT	5,440	$5.00	27,200.00	8.00	43,520.00	9.50	51,680.00	9.00	48,960.00	8.00	43,520.00
79	723	EACH	PSIPE POINT REYES CEANOTHUS, NO. 1 CONT.	723	$18.00	13,014.00	10.00	7,230.00	12.00	8,676.00	11.00	7,953.00	10.00	7,230.00
80	117	EACH	PSIPE KELSEYI RED-TWIG DOGWOOD, NO. 1 CONT.	117	$8.00	936.00	10.00	1,170.00	12.00	1,404.00	11.00	1,287.00	10.00	1,170.00
81	353	EACH	PSIPE COSTAL STRAWBERRY, 4" POT	353	$5.00	1,765.00	10.00	3,530.00	12.00	4,236.00	11.00	3,883.00	10.00	3,530.00
82	730	EACH	PSIPE SALAL, NO. 1 CONT., 9 IN. HT.	730	$10.00	7,300.00	10.00	7,300.00	12.00	8,760.00	11.00	8,030.00	10.00	7,300.00
83	3,019	EACH	PSIPE ELKS BLUE GRAY RUSH, NO. 1 CONT., 12 IN. HT.	3,019	$10.00	30,190.00	10.00	30,190.00	11.00	33,209.00	11.00	33,209.00	10.00	30,190.00
84	239	EACH	PSIPE SWORDFERN, NO. 1 CONT., 12 IN. HT.	239	$10.00	2,390.00	10.00	2,390.00	11.00	2,629.00	11.00	2,629.00	10.00	2,390.00
85	5,006	EACH	PSIPE MT VERNON ENGLISH LAUREL, NO. 2. CONT., 12 IN. W.	5,006	$18.00	90,108.00	12.00	60,072.00	12.50	62,575.00	13.00	65,078.00	12.00	60,072.00
86	25	EACH	PSIPE YELLOW TWIG DOGWOOD, NO. 3 CONT., 21 IN. HT.	25	$45.00	1,125.00	16.00	400.00	20.00	500.00	18.00	450.00	16.00	400.00
87	37	EACH	PSIPE ISANTI DOGWOOD, NO. 3 CONT., 21 IN. HT.	37	$45.00	1,665.00	16.00	592.00	20.00	740.00	18.00	666.00	16.00	592.00
88	8	EACH	PSIPE WESTERN HAZELNUT, NO. 5 CONT., 30 IN. HT.	8	$50.00	400.00	30.00	240.00	20.00	160.00	32.00	256.00	30.00	240.00
89	12	EACH	PSIPE DIANA WITCHHAZEL NO. 5 CONT., 36 IN. HT.	12	$50.00	600.00	80.00	960.00	20.00	240.00	90.00	1,080.00	80.00	960.00
90	3,273	EACH	PSIPE PRIVET HONEYSUCKLE, NO. 1 CONT., 15 IN. HT.	3,273	$16.00	52,368.00	10.00	32,730.00	10.50	34,366.50	11.00	36,003.00	10.00	32,730.00
91	28	EACH	PSIPE PACIFIC WAX MYRTLE, NO. 1 CONT., 12 IN. HT.	28	$11.00	308.00	10.00	280.00	15.00	420.00	11.00	308.00	10.00	280.00
92	95	EACH	PSIPE BOSTON IVY, NO. 1 CONT., 6 IN - 15 IN. HT.	95	$13.00	1,235.00	20.00	1,900.00	10.00	950.00	22.00	2,090.00	20.00	1,900.00
93	88	EACH	PSIPE MOCK ORANGE, NO. 5 CONT., 42 IN. HT.	88	$50.00	4,400.00	10.00	880.00	10.00	880.00	11.00	968.00	10.00	880.00
94	17	EACH	PSIPE RED FLOWERING CURRANT , NO 3 CONT., 24 IN. HT.	17	$40.00	680.00	10.00	170.00	20.00	340.00	11.00	187.00	10.00	170.00
95	866	EACH	PSIPE NOOTKA ROSE, NO. 1 CONT., 15 IN. HT.	866	$8.00	6,928.00	10.00	8,660.00	10.00	8,660.00	11.00	9,526.00	10.00	8,660.00
96	48	EACH	PSIPE DWARF ARCTIC WILLOW, NO. 1 CONT., 18 IN. HT.	48	$12.00	576.00	10.00	480.00	15.00	720.00	11.00	528.00	10.00	480.00
97	508	EACH	PSIPE SNOWBERRY, NO. 1 CONT., 12 IN. HT.	508	$10.00	5,080.00	10.00	5,080.00	10.00	5,080.00	11.00	5,588.00	10.00	5,080.00
98	1,242	EACH	PSIPE DAVID VIBURNUM, NO. 1 CONT., 12 IN. HT.	1,242	$15.00	18,630.00	10.00	12,420.00	10.00	12,420.00	11.00	13,662.00	10.00	12,420.00
99	119	EACH	PSIPE RED TWIG DOGWOOD, LIVE STAKE, 36 IN. HT.	119	$4.00	476.00	4.00	476.00	6.00	714.00	4.50	535.50	4.00	476.00
100	449	EACH	PSIPE DOUGLAS SPIREA, NO. 1, CONT.	449	$9.00	4,041.00	10.00	4,490.00	10.00	4,490.00	11.00	4,939.00	10.00	4,490.00
101	330	EACH	PSIPE OCEAN-SPRAY, NO. 1, CONT.	330	$8.00	2,640.00	10.00	3,300.00	10.00	3,300.00	11.00	3,630.00	10.00	3,300.00
102	1,949	CY	BARK OR WOOD CHIP MULCH	1,949.00	$50.00	97,450.00	30.00	58,470.00	32.00	62,368.00	34.00	66,266.00	30.00	58,470.00
103	10,000	EST.	PLANT ESTABLISHMENT - SECOND YEAR	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
104	14,110	L.F.	CEMENT CONC. TRAFFIC CURB AND GUTTER	14,110	$20.00	282,200.00	14.00	197,540.00	14.00	197,540.00	25.00	352,750.00	14.00	197,540.00
105	267	L.F.	EXTRUDED CURB	267	$20.00	5,340.00	20.00	5,340.00	21.00	5,607.00	20.00	5,340.00	18.00	4,806.00
106	710	L.F.	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	710	$25.00	17,750.00	32.00	22,720.00	33.00	23,430.00	42.00	29,820.00	30.00	21,300.00
107	21	L.F.	TYPE C BLOCK TRAFFIC CURB	21	$20.00	420.00	50.00	1,050.00	80.00	1,680.00	70.00	1,470.00	65.00	1,365.00
108	600	L.F.	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB	600	$35.00	21,000.00	32.00	19,200.00	85.00	51,000.00	42.00	25,200.00	41.00	24,600.00
109	1,315	S.Y.	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT	1,315	$75.00	98,625.00	290.00	381,350.00	150.00	197,250.00	170.00	223,550.00	100.00	131,500.00
110	9,115	L.F.	PAINT LINE	9,115	$0.75	6,836.25	0.50	4,557.50	0.60	5,469.00	0.55	5,013.25	0.50	4,557.50
111	1,100	L.F.	PLASTIC LINE	1,100	$2.50	2,750.00	4.00	4,400.00	4.50	4,950.00	4.50	4,950.00	4.00	4,400.00
112	5,451	L.F.	PAINTED WIDE LANE LINE	5,451	$1.00	5,451.00	0.50	2,725.50	0.60	3,270.60	0.55	2,998.05	0.50	2,725.50
113	2,400	L.F.	PLASTIC WIDE LANE LINE	2,400	$3.50	8,400.00	3.00	7,200.00	3.50	8,400.00	3.25	7,800.00	3.00	7,200.00
114	6,210	S.F.	PLASTIC CROSSWALK LINE	6,210	$5.00	31,050.00	4.00	24,840.00	4.50	27,945.00	4.50	27,945.00	4.00	24,840.00
115	200	L.F.	PLASTIC STOP LINE	200	$10.00	1,550.00	9.00	1,800.00	10.00	2,000.00	10.00	2,000.00	9.00	1,800.00
116	29	EACH	PLASTIC BICYCLE LANE SYMBOL	29	$150.00	4,350.00	140.00	4,060.00	150.00	4,350.00	150.00	4,350.00	140.00	4,060.00
117	25	EACH	PLASTIC TRAFFIC ARROW	25	$150.00	3,750.00	180.00	4,500.00	200.00	5,000.00	200.00	5,000.00	185.00	4,625.00
118	89	EACH	PLASTIC TRAFFIC LETTER	89	$85.00	7,565.00	85.00	7,565.00	100.00	8,900.00	95.00	8,455.00	85.00	7,565.00
119	56	EACH	PLASTIC YIELD LINE SYMBOL	56	$65.00	3,640.00	55.00	3,080.00	65.00	3,640.00	60.00	3,360.00	55.00	3,080.00
120	10	EACH	PLASTIC ROUNDABOUT SYMBOL	10	$115.00	1,150.00	150.00	1,500.00	165.00	1,650.00	160.00	1,600.00	150.00	1,500.00
121	1,200	L.F.	TEMPORARY PAVEMENT MARKING-LONG DURATION	1,200	$0.75	900.00	1.00	1,200.00	0.90	1,080.00	0.55	660.00	0.50	600.00
122	LUMP SUM	L.S.	PERMANENT SIGNING	LUMP SUM	$20,050.00	20,050.00	35,000.00	35,000.00	70,000.00	70,000.00	37,500.00	37,500.00	40,000.00	40,000.00
123	1	EACH	EXISTING ENTRY SIGN	1	$5,000.00	5,000.00	3,700.00	3,700.00	16,000.00	16,000.00	16,000.00	16,000.00	6,000.00	6,000.00
124	25	EACH	SET LUMINAIRE POLE FOUNDATION	25	$1,200.00	64,800.00	1,500.00	37,500.00	500.00	12,500.00	1,400.00	35,000.00	1,300.00	32,500.00
125	LUMP SUM	L.S.	SIGNAL SYSTEM COMPLETE, TREMONT ST AND POTTERY AVE	LUMP SUM	$91,700.00	91,700.00	100,000.00	100,000.00	158,000.00	158,000.00	105,500.00	105,500.00	100,000.00	100,000.00
126	LUMP SUM	L.S.	SIGNAL SYSTEM COMPLETE, PEDESTRIAN CROSSING SIGNAL	LUMP SUM	$22,500.00	22,500.00	36,000.00	36,000.00	50,000.00	50,000.00	42,000.00	42,000.00	36,000.00	36,000.00
127	LUMP SUM	L.S.	CONDUIT SYSTEM COMPLETE, TREMONT ST AND KITSAP BLVD	LUMP SUM	$25,000.00	25,000.00	14,000.00	14,000.00	35,000.00	35,000.00	15,000.00	15,000.00	14,000.00	14,000.00
128	15,000	HR	PORTABLE CHANGEABLE MESSAGE SIGN	15,000	$5.00	75,000.00	2.00	30,000.00	0.01	150.00	4.25	63,750.00	4.40	66,000.00
129	LUMP SUM	L.S.	TRAFFIC CONTROL PLANS	LUMP SUM	$8,000.00	8,000.00	1,500.00	1,500.00	40,000.00	40,000.00	2,200.00	2,200.00	2,000.00	2,000.00
130	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$400,000.00	400,000.00	1,000,000.00	1,000,000.00	185,000.00	185,000.00	550,000.00	550,000.00	1,200,000.00	1,200,000.00
131	LUMP SUM	L.S.	OTHER TEMPORARY TRAFFIC CONTROL	LUMP SUM	$20,000.00	20,000.00	37,000.00	37,000.00	140,000.00	140,000.00	40,000.00	40,000.00	90,000.00	90,000.00
132	10,000	EST.	OFF DUTY UNIFORMED POLICE OFFICER	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
133	LUMP SUM	L.S.	PEDESTRIAN TRAFFIC CONTROL	LUMP SUM	$5,000.00	5,000.00	2,500.00	2,500.00	60,000.00	60,000.00	20,000.00	20,000.00	5,000.00	5,000.00
134	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$75,000.00	75,000.00	250,000.00	250,000.00	210,000.00	210,000.00	225,000.00	225,000.00	500,000.00	500,000.00
135	LUMP SUM	L.S.	PORTABLE TEMPORARY TRAFFIC CONTROL SIGNAL	LUMP SUM	$10,000.00	10,000.00	20,000.00	20,000.00	75,000.00	75,000.00	50,000.00	50,000.00	110,000.00	110,000.00
136	805	S.F.	CONSTRUCTION SIGNS CLASS A	805	$20.00	16,100.00	20.00	16,100.00	30.00	24,150.00	27.00	21,735.00	30.00	24,150.00
137	LUMP SUM	L.S.	TYPE B PROGRESS SCHEDULE	LUMP SUM	$10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	4,000.00	4,000.00	10,000.00	10,000.00
138	300	C.Y.	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	300	$20.00	6,000.00	37.00	11,100.00	53.00	15,900.00	38.00	11,400.00	75.00	22,500.00
139	750	TON	QUARRY SPALLS FOR TRENCH STABILIZATION	750	$50.00	37,500.00	22.00	16,500.00	36.00	27,000.00	32.00	24,000.00	35.00	26,250.00
140	10,000	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	10,000	$20.00	200,000.00	10.00	100,000.00	10.00	100,000.00	3.00	30,000.00	6.35	63,500.00
141	38,500	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	38,500	$1.00	38,500.00	0.10	3,850.00	0.60	23,100.00	0.10	3,850.00	0.10	3,850.00

ENGINEER'S ESTIMATE							Ceccanti		Granite		Rodarte		Tucci	
143	LUMP SUM	L.S.	TRENCH SAFETY SYSTEM	LUMP SUM	$4,500.00	4,500.00	1,500.00	1,500.00	12,000.00	12,000.00	1,800.00	1,800.00	10,000.00	10,000.00
144	300	MGAL	WATER	300	$35.00	10,500.00	40.00	12,000.00	50.00	15,000.00	55.00	16,500.00	60.00	18,000.00
145	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$50,000.00	50,000.00	60,000.00	60,000.00	45,000.00	45,000.00	75,000.00	75,000.00	65,000.00	65,000.00
146	LUMP SUM	L.S.	STRUCTURE SURVEYING	LUMP SUM	$20,000.00	20,000.00	20,000.00	20,000.00	12,000.00	12,000.00	14,000.00	14,000.00	5,000.00	5,000.00
147	11	EACH	MONUMENT CASE, COVER, PIPE AND BRASS DISK	11	$500.00	5,500.00	450.00	4,950.00	800.00	8,800.00	500.00	5,500.00	1,000.00	11,000.00
148	6,055	S.Y.	CEMENT CONC. SIDEWALK	6,055	$35.00	211,925.00	28.00	169,540.00	35.00	211,925.00	42.00	254,310.00	35.00	211,925.00
149	1	L.S.	WAY FINDING SIGNS	1	$25,000.00	25,000.00	480,000.00	480,000.00	100,000.00	100,000.00	15,000.00	15,000.00	100,000.00	100,000.00
150	950	S.Y.	CEMENT CONC. DRIVEWAY ENTRANCE TYPE	950	$60.00	57,000.00	60.00	57,000.00	42.00	39,900.00	60.00	57,000.00	60.00	57,000.00
151	24	EACH	CEMENT CONC. CURB RAMP TYPE 1	24	$1,500.00	36,000.00	2,000.00	48,000.00	700.00	16,800.00	2,000.00	48,000.00	1,500.00	36,000.00
152	2	EACH	CEMENT CONC. CURB RAMP TYPE 4B	2	$1,500.00	3,000.00	2,000.00	4,000.00	2,200.00	4,400.00	2,000.00	4,000.00	2,000.00	4,000.00
153	75	S.Y.	ASPHALT CONC. SIDEWALK RAMP	75	$40.00	3,000.00	100.00	7,500.00	150.00	11,250.00	32.00	2,400.00	80.00	6,000.00
154	7	EACH	CEMENT CONC. BIKE RAMP	7	$750.00	5,250.00	1,200.00	8,400.00	500.00	3,500.00	1,250.00	8,750.00	1,000.00	7,000.00
155	725	L.F.	COATED CHAIN LINK FENCE TYPE 3	725	$25.00	18,125.00	34.00	24,650.00	24.00	17,400.00	37.00	26,825.00	24.00	17,400.00
156	1,554	TON	ROCK FOR ROCK WALL	1,554	$75.00	116,550.00	60.00	93,240.00	40.00	62,160.00	80.00	124,320.00	100.00	155,400.00
157	500	TON	BACKFILL FOR ROCK WALL	500	$55.00	27,500.00	20.00	10,000.00	45.00	22,500.00	25.00	12,500.00	35.00	17,500.00
158	3	EACH	ADJUST CATCH BASIN	3	$650.00	1,950.00	350.00	1,050.00	550.00	1,650.00	600.00	1,800.00	750.00	2,250.00
159	1,200	HR	TRAINING	1,200	$5.00	6,000.00	1.00	1,200.00	8.00	9,600.00	6.00	7,200.00	10.00	12,000.00
160	20,000	EST.	ROADSIDE CLEANUP	20,000	$1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
161	150,000	CALC	MINOR CHANGE	150,000	$1.00	150,000.00	1.00	150,000.00	1.00	150,000.00	1.00	150,000.00	1.00	150,000.00
162	LUMP SUM	L.S.	SPCC PLAN	LUMP SUM	$5,000.00	5,000.00	500.00	500.00	1,000.00	1,000.00	500.00	500.00	2,500.00	2,500.00
163	LUMP SUM	L.S.	FIELD OFFICE BUILDING	LUMP SUM	$15,000.00	15,000.00	37,000.00	37,000.00	60,000.00	60,000.00	40,000.00	40,000.00	100,000.00	100,000.00
164	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$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
165	3	EACH	BUS SHELTER FOOTING	3	$1,500.00	4,500.00	1,000.00	3,000.00	600.00	1,800.00	2,000.00	6,000.00	1,500.00	4,500.00
166	3	EACH	MAILBOX CLUSTER BOX	3	$2,000.00	6,000.00	1,450.00	4,350.00	3,000.00	9,000.00	2,000.00	6,000.00	2,500.00	7,500.00
167	2	EACH	RELOCATE EXISTING MAILBOX	2	$500.00	1,000.00	200.00	400.00	500.00	1,000.00	1,250.00	2,500.00	1,000.00	2,000.00
168	LUMP SUM	L.S.	CONSTRUCTION SEQUENCING PLAN	LUMP SUM	$2,000.00	2,000.00	500.00	500.00	40,000.00	40,000.00	300.00	300.00	5,000.00	5,000.00
169	100,000	EST.	RESOLUTION OF UTILITY CONFLICTS	100,000	$1.00	100,000.00	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00
170	LUMP SUM	L.S.	TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN	LUMP SUM	$20,000.00	20,000.00	1,500.00	1,500.00	15,000.00	15,000.00	1,700.00	1,700.00	2,500.00	2,500.00
171	2	EACH	CATCH BASIN TYPE 2 - 60"	2			6,000.00	12,000.00	8,500.00	17,000.00	4,000.00	8,000.00	4,000.00	8,000.00
172	2	EACH	STORM VAULT - 5' X 7'	2			9,400.00	18,800.00	10,500.00	21,000.00	7,250.00	14,500.00	6,700.00	13,400.00
						SCHEDULE A TOTAL CONSTRUCTION COST		**$ 11,588,044.00**		**$ 11,248,308.60**		**$ 11,240,665.30**		**$ 12,776,787.10**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE B	GROUP 2 WATER	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	62,400.00	1,000.00	1,000.00	90,000.00	90,000.00	95,000.00	95,000.00	1,000.00	1,000.00
2	LUMP SUM	L.S.	REMOVING MISCELLANEOUS WATER ITEM	LUMP SUM	$22,500.00	22,500.00	12,000.00	12,000.00	30,000.00	30,000.00	3,500.00	3,500.00	51,000.00	51,000.00
3	11	EACH	GATE VALVE 8 IN.	13	$1,450.00	15,950.00	1,000.00	13,000.00	1,700.00	22,100.00	1,800.00	23,400.00	1,400.00	18,200.00
4	9	EACH	GATE VALVE 12 IN.	15	$1,800.00	16,200.00	1,500.00	22,500.00	2,700.00	40,500.00	2,800.00	42,000.00	2,520.00	37,800.00
5	4	EACH	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 1 IN.	3	$2,400.00	9,600.00	900.00	2,700.00	4,500.00	13,500.00	2,250.00	6,750.00	2,700.00	8,100.00
6	11	EACH	HYDRANT ASSEMBLY	11	$4,500.00	49,500.00	5,000.00	55,000.00	6,800.00	74,800.00	5,800.00	63,800.00	5,900.00	64,900.00
7	1	EACH	MOVING EXISTING HYDRANT	1	$2,500.00	2,500.00	400.00	400.00	3,500.00	3,500.00	4,250.00	4,250.00	2,500.00	2,500.00
8	26	EACH	SERVICE CONNECTION 1 IN. DIAM.	26	$750.00	19,500.00	900.00	23,400.00	1,100.00	28,600.00	1,400.00	36,400.00	2,900.00	75,400.00
9	26	EACH	WATER METER	26	$1,200.00	31,200.00	250.00	6,500.00	1,100.00	28,600.00	1,200.00	31,200.00	500.00	13,000.00
10	1,800	L.F.	DUCTILE IRON PIPE FOR WATER MAIN 8 IN. DIAM.	1,800	$50.00	90,000.00	52.00	93,600.00	70.00	126,000.00	68.00	122,400.00	64.00	115,200.00
11	2,660	L.F.	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIAM.	2,660	$60.00	159,600.00	55.00	146,300.00	80.00	212,800.00	82.00	218,120.00	85.00	226,100.00
12	2,000	LBS.	ADDITIONAL IRON FITTINGS	2,000	$5.00	10,000.00	1.00	2,000.00	5.00	10,000.00	5.50	11,000.00	6.00	12,000.00
13	45	TON	HMA CL. 1/2" PG 64-22 FOR PAVEMENT PATCH	45	$90.00	4,050.00	100.00	4,500.00	140.00	6,300.00	230.00	10,350.00	200.00	9,000.00
14	55	TON	CRUSHED SURFACING BASE COURSE	55	$25.00	1,375.00	37.00	2,035.00	40.00	2,200.00	70.00	3,850.00	50.00	2,750.00
15	3,300	TON	GRAVEL BORROW INCL. HAUL	3,300	$12.00	39,600.00	14.00	46,200.00	10.00	33,000.00	29.00	95,700.00	14.00	46,200.00
17	9	EACH	CONNECTION TO EXISTING 8 IN. DIAM. MAIN W/ ISOLATION COUPLING	9	$2,500.00	22,500.00	1,000.00	9,000.00	2,400.00	21,600.00	2,500.00	22,500.00	2,800.00	25,200.00
18	1	EACH	CONNECTION TO EXISTING 10 IN. DIAM. MAIN W/ ISOLATION COUPLING	1	$3,000.00	3,000.00	3,500.00	3,500.00	5,000.00	5,000.00	2,700.00	2,700.00	3,200.00	3,200.00
19	1	EACH	CONNECTION TO EXISTING 12 IN. DIAM. MAIN W/ ISOLATION COUPLING	1	$3,500.00	3,500.00	1,000.00	1,000.00	5,000.00	5,000.00	3,200.00	3,200.00	3,000.00	3,000.00
20	305	C.Y.	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	305	$20.00	6,100.00	37.00	11,285.00	80.00	24,400.00	85.00	25,925.00	75.00	22,875.00
21	775	TON	QUARRY SPALLS FOR TRENCH STABILIZATION	775	$50.00	38,750.00	22.00	17,050.00	35.00	27,125.00	50.00	38,750.00	35.00	27,125.00
22	3,500	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	3,500	$20.00	70,000.00	10.00	35,000.00	24.00	84,000.00	25.00	87,500.00	7.15	25,025.00
23	23,400	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	23,400	$1.00	23,400.00	0.10	2,340.00	1.00	23,400.00	1.25	29,250.00	0.10	2,340.00
24	10,000	EST.	EROSION/WATER POLLUTION CONTROL	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
25	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$5,000.00	5,000.00	1,000.00	1,000.00	34,000.00	34,000.00	3,000.00	3,000.00	25,000.00	25,000.00
26	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$35,000.00	35,000.00	6,000.00	6,000.00	60,000.00	60,000.00	25,000.00	25,000.00	25,000.00	25,000.00
27	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$15,000.00	15,000.00	500.00	500.00	10,000.00	10,000.00	6,500.00	6,500.00	10,000.00	10,000.00
28	40,000	CALC	MINOR CHANGE	40,000	$1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00
29	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$1,000.00	1,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
30	1	EACH	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 IN.	1			900.00	900.00	6,200.00	6,200.00	4,000.00	4,000.00	4,300.00	4,300.00
						ESTIMATED TOTAL BID COST		573,710.00		1,077,625.00		1,071,045.00		911,215.00
						Washington State Sales Tax (9.0%)		51,633.90		96,986.25		96,394.05		82,009.35
						SCHEDULE B TOTAL CONSTRUCTION COST		**$ 625,343.90**		**$ 1,174,611.25**		**$ 1,167,439.05**		**$ 993,224.35**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE C	GROUP 3 SEWER	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	44,500.00	1,000.00	1,000.00	25,000.00	25,000.00	30,000.00	30,000.00	1,000.00	1,000.00
2	2,507	L.F.	TESTING SEWER PIPE	2,507	$3.50	8,774.50	3.00	7,521.00	5.00	12,535.00	5.00	12,535.00	3.00	7,521.00
3	292	L.F.	PVC SANITARY SEWER PIPE 6 IN. DIAM.	292	$25.00	7,300.00	37.00	10,804.00	60.00	17,520.00	45.00	13,140.00	178.00	51,976.00
4	2,215	L.F.	PVC SANITARY SEWER PIPE 8 IN. DIAM.	2,215	$30.00	66,450.00	37.00	81,955.00	65.00	143,975.00	65.00	143,975.00	80.00	177,200.00

ENGINEER'S ESTIMATE							Ceccanti		Granite		Rodarte		Tucci	
5	LUMP SUM	L.S.	TEMPORARY SANITARY SEWER BYPASS	LUMP SUM	$8,000.00	8,000.00	3,700.00	3,700.00	70,000.00	70,000.00	18,000.00	18,000.00	64,000.00	64,000.00
6	325	TON	HMA CL. 1/2" PG 64-22 FOR PAVEMENT PATCH	325	$90.00	29,250.00	100.00	32,500.00	100.00	32,500.00	125.00	40,625.00	116.00	37,700.00
7	10,000	EST.	EROSION/WATER POLLUTION CONTROL	10,000	$1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
8	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$5,000.00	5,000.00	1,000.00	1,000.00	12,000.00	12,000.00	2,000.00	2,000.00	25,000.00	25,000.00
9	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$35,000.00	35,000.00	6,000.00	6,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00
10	50	C.Y.	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	50	$20.00	1,000.00	37.00	1,850.00	80.00	4,000.00	95.00	4,750.00	100.00	5,000.00
11	128	TON	QUARRY SPALLS FOR TRENCH STABILIZATION	128	$50.00	6,400.00	22.00	2,816.00	45.00	5,760.00	38.00	4,864.00	50.00	6,400.00
12	2,800	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	2,800	$20.00	56,000.00	10.00	28,000.00	10.00	28,000.00	2.50	7,000.00	18.00	50,400.00
13	21,850	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	21,850	$1.00	21,850.00	0.10	2,185.00	1.00	21,850.00	0.25	5,462.50	0.10	2,185.00
15	435	TON	CRUSHED SURFACING BASE COURSE	435	$20.00	8,700.00	37.00	16,095.00	16.00	6,960.00	38.00	16,530.00	46.00	20,010.00
16	3,365	TON	GRAVEL BORROW INCL. HAUL	3,365	$12.00	40,380.00	14.00	47,110.00	10.00	33,650.00	38.00	127,870.00	13.85	46,605.25
17	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$15,000.00	15,000.00	500.00	500.00	8,000.00	8,000.00	5,000.00	5,000.00	10,000.00	10,000.00
18	5	EACH	SEWER CLEANOUT	5	$500.00	2,500.00	350.00	1,750.00	1,300.00	6,500.00	500.00	2,500.00	500.00	2,500.00
19	13	EACH	MANHOLE 48 IN. DIAM. TYPE 1	13	$3,500.00	45,500.00	5,000.00	65,000.00	6,000.00	78,000.00	3,250.00	42,250.00	6,050.00	78,650.00
20	14	EACH	ADJUST MANHOLE	14	$750.00	10,500.00	350.00	4,900.00	425.00	5,950.00	450.00	6,300.00	560.00	7,840.00
21	25,000	CALC	MINOR CHANGE	25,000	$1.00	25,000.00	1.00	25,000.00	1.00	25,000.00	1.00	25,000.00	1.00	25,000.00
22	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$1,000.00	1,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
			ESTIMATED TOTAL BID COST					354,686.00		577,200.00		547,801.50		658,987.25
			Washington State Sales Tax (9.0%)					31,921.74		51,948.00		49,302.14		59,308.85
			SCHEDULE C TOTAL CONSTRUCTION COST					**$ 386,607.74**		**$ 629,148.00**		**$ 597,103.64**		**$ 718,296.10**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE D	GROUP 4 U/G UTIL	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	92,600.00	1,000.00	1,000.00	50,000.00	50,000.00	125,000.00	125,000.00	205,000.00	205,000.00
2	50,000	EST.	UTILITY POTHOLING	50,000	$1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00
3	5,354	L.F.	JOINT UTILITY TRENCH	5,354	$65.00	348,010.00	60.00	321,240.00	85.00	455,090.00	40.00	214,160.00	36.00	192,744.00
4	6,597	L.F.	JOINT LATERAL TRENCH	6,597	$40.00	263,880.00	37.00	244,089.00	22.00	145,134.00	30.00	197,910.00	28.00	184,716.00
5	3	EACH	INSTALL UTILITY VAULT/HANDHOLE - KPUD PROVIDED TYPE 25-TA	3	$600.00	1,800.00	800.00	2,400.00	550.00	1,650.00	1,600.00	4,800.00	800.00	2,400.00
6	9	EACH	INSTALL UTILITY VAULT/HANDHOLE - KPUD PROVIDED TYPE 3030	9	$300.00	2,700.00	800.00	7,200.00	550.00	4,950.00	750.00	6,750.00	500.00	4,500.00
7	19	EACH	INSTALL UTILITY VAULT/HANDHOLE - CENTURY LINK PROVIDED TEL PED	19	$200.00	3,800.00	800.00	15,200.00	250.00	4,750.00	800.00	15,200.00	200.00	3,800.00
8	2	EACH	INSTALL UTILITY VAULT/HANDHOLE - CENTURY LINK PROVIDED 38Y-4686	2	$1,650.00	3,300.00	800.00	1,600.00	5,500.00	11,000.00	1,700.00	3,400.00	1,200.00	2,400.00
9	8	EACH	INSTALL UTILITY VAULT/HANDHOLE - WAVE BROADBAND PROVIDED 2'X3' VAULT	8	$450.00	3,600.00	800.00	6,400.00	270.00	2,160.00	800.00	6,400.00	525.00	4,200.00
10	15	EACH	INSTALL UTILITY VAULT/HANDHOLE - WAVE BROADBAND PROVIDED 17'X30'	15	$450.00	6,750.00	800.00	12,000.00	270.00	4,050.00	700.00	10,500.00	256.00	3,840.00
11	4	EACH	INSTALL UTILITY VAULT/HANDHOLE - WAVE BROADBAND PROVIDED 10" HANDHOLE	4	$200.00	800.00	800.00	3,200.00	100.00	400.00	475.00	1,900.00	150.00	600.00
12	3	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 575	3	$850.00	2,550.00	1,400.00	4,200.00	4,000.00	12,000.00	2,800.00	8,400.00	1,000.00	3,000.00
13	12	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 576 W ANTI-SKID LID	12	$850.00	10,200.00	1,400.00	16,800.00	3,600.00	43,200.00	3,750.00	45,000.00	900.00	10,800.00
14	13	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 3642	13	$350.00	4,550.00	800.00	10,400.00	780.00	10,140.00	1,300.00	16,900.00	560.00	7,280.00
15	4	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 233	4	$350.00	1,400.00	800.00	3,200.00	1,000.00	4,000.00	1,600.00	6,400.00	600.00	2,400.00
16	2	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 5106 SHORT	2	$1,250.00	2,500.00	2,000.00	4,000.00	5,000.00	10,000.00	2,750.00	5,500.00	1,500.00	3,000.00
17	2	EACH	INSTALL UTILITY VAULT/HANDHOLE - PSE PROVIDED TYPE 38Y-5106	2	$1,750.00	3,500.00	800.00	1,600.00	5,000.00	10,000.00	2,750.00	5,500.00	1,500.00	3,000.00
18	54	EACH	INSTALL UTILITY VAULT/HANDHOLE - INTOLIGHT PROVIDED HANDHOLE	54	$350.00	18,900.00	800.00	43,200.00	300.00	16,200.00	700.00	37,800.00	215.00	11,610.00
19	718	L.F.	INSTALL CONDUIT PIPE 4 IN. DIAM. - KPUD	718	$6.00	4,308.00	4.00	2,872.00	1.50	1,077.00	2.75	1,974.50	5.35	3,841.30
20	5,594	L.F.	INSTALL CONDUIT PIPE 6 IN. DIAM. - KPUD	5,594	$11.00	61,534.00	6.00	33,564.00	1.50	8,391.00	6.50	36,361.00	5.00	27,970.00
21	3,600	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - CENTURY LINK	3,600	$3.50	12,600.00	2.00	7,200.00	1.50	5,400.00	3.75	13,500.00	3.25	11,700.00
22	8,936	L.F.	INSTALL CONDUIT PIPE 4 IN. DIAM. - CENTURY LINK	8,936	$6.00	53,616.00	4.00	35,744.00	1.50	13,404.00	4.50	40,212.00	4.00	35,744.00
23	6	L.F.	INSTALL CONDUIT PIPE 1 IN. DIAM. - WAVE BROADBAND	6	$2.50	15.00	2.00	12.00	4.00	24.00	11.00	66.00	11.00	66.00
24	15,729	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - WAVE BROADBAND	15,729	$3.50	55,051.50	2.00	31,458.00	1.50	23,593.50	3.75	58,983.75	3.36	52,849.44
25	29	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - PSE	29	$3.50	101.50	2.00	58.00	4.00	116.00	3.75	108.75	10.00	290.00
26	318	L.F.	INSTALL CONDUIT PIPE 3 IN. DIAM. - PSE	318	$4.75	1,510.50	3.00	954.00	4.00	1,272.00	4.50	1,431.00	5.00	1,590.00
27	12,465	L.F.	INSTALL CONDUIT PIPE 4 IN. DIAM. - PSE	12,465	$6.00	74,790.00	4.00	49,860.00	1.50	18,697.50	4.50	56,092.50	4.40	54,846.00
28	6,489	L.F.	INSTALL CONDUIT PIPE 6 IN. DIAM. - PSE	6,489	$11.00	71,379.00	6.00	38,934.00	1.50	9,733.50	6.75	43,800.75	5.00	32,445.00
29	8,431	L.F.	INSTALL CONDUIT PIPE 2 IN. DIAM. - INTOLIGHT	8,431	$3.50	29,508.50	2.00	16,862.00	1.50	12,646.50	4.50	37,939.50	3.30	27,822.30
30	8,282	L.F.	FURNISH AND INSTALL CONDUIT PIPE 2 IN. DIAM. - CITY	8,282	$3.50	28,987.00	4.00	33,128.00	12.00	99,384.00	6.00	49,692.00	4.30	35,612.60
31	20,000	EST.	EROSION/WATER POLLUTION CONTROL	20,000	$1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
32	LUMP SUM	L.S.	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	$5,000.00	5,000.00	500.00	500.00	30,000.00	30,000.00	7,000.00	7,000.00	25,000.00	25,000.00
33	LUMP SUM	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	LUMP SUM	$15,000.00	15,000.00	2,000.00	2,000.00	60,000.00	60,000.00	50,000.00	50,000.00	25,000.00	25,000.00
34	LUMP SUM	L.S.	ROADWAY SURVEYING	LUMP SUM	$5,000.00	5,000.00	1,000.00	1,000.00	8,000.00	8,000.00	10,000.00	10,000.00	10,000.00	10,000.00
35	40,000	CALC	MINOR CHANGE	40,000	$1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00	1.00	40,000.00
36	LUMP SUM	L.S.	RECORD DRAWINGS	LUMP SUM	$1,000.00	1,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
			ESTIMATED TOTAL BID COST					1,066,875.00		1,191,463.00		1,233,681.75		1,105,066.64
			Washington State Sales Tax (9.0%)					96,018.75		107,231.67		111,031.36		99,456.00
			SCHEDULE D TOTAL CONSTRUCTION COST					**$ 1,162,893.75**		**$ 1,298,694.67**		**$ 1,344,713.11**		**$ 1,204,522.64**

ITEM #	QTY	UNITS	ITEM DESCRIPTION SCHEDULE E	GROUP 3 SEWER	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	LUMP SUM	L.S.	MOBILIZATION	LUMP SUM	8%	100.00	100.00	100.00	700.00	700.00	2,000.00	2,000.00	2,500.00	2,500.00
2	1	EACH	NEW SANITARY SEWER SERVICE CONNECTION	1	$8,000.00	$8,000.00	2,000.00	2,000.00	7,000.00	7,000.00	10,000.00	10,000.00	10,000.00	10,000.00
3	LUMP SUM	L.S.	RECORD DRAWINGS (NOT IN BID PROPOSAL FORM)	LUMP SUM	$1,000.00	$1,000.00								
			ESTIMATED TOTAL BID COST					2,100.00		7,700.00		12,000.00		12,500.00
			Washington State Sales Tax (9.0%)					189.00		693.00		1,080.00		1,125.00
			SCHEDULE E TOTAL CONSTRUCTION COST					**$ 2,289.00**		**$ 8,393.00**		**$ 13,080.00**		**$ 13,625.00**

ENGINEER'S ESTIMATE		Ceccanti	Granite	Rodarte	Tucci
	ENGRS ESTIMATE	Ceccanti	Granite	Rodarte	Tucci
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE A ROADWAY IMPROVEMENTS	$ 9,689,373.00	$ 11,588,044.00	$ 11,248,308.60	$ 11,240,665.30	$ 12,776,787.10
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE B WATER	$ 917,645	$ 625,343.90	$ 1,174,611.25	$ 1,167,439.05	$ 993,224.35
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE C SANITARY SEWER	$ 654,265	$ 386,607.74	$ 629,148.00	$ 597,103.64	$ 718,296.10
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE D UNDERGROUND UTILITIES	$ 1,417,271	$ 1,162,893.75	$ 1,298,694.67	$ 1,344,713.11	$ 1,204,522.64
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULE E SANITARY SEWER	$ 9,920	$ 2,289.00	$ 8,393.00	$ 13,080.00	$ 13,625.00
ESTIMATED TOTAL BID COST (2017 $) - SCHEDULES A THRU E	$ 12,688,474	$ 13,765,178.39	$ 14,359,155.52	$ 14,363,001.10	$ 15,706,455.19