

PS&E JOB NO: 01C500 REVISION NO : 1
 CONTRACT NO: 006095 REGION NO : 3
 VERSION NO : 2 WORK ORDER# : XL0730
 HWY : SR 005
 TITLE : SR 5
 TACOMA VIC. GUARDRAIL IMPROVEMENTS
 01C500
 PROJECT : IM-0053(891)
 COUNTY(S) : PIERCE

BIDS OPENED ON : Apr 18 2001
 AWARDED ON : Apr 20 2001

----- LOW BIDDER ----- 2ND BIDDER -----
 PETERSEN BROTHERS, INC. CORAL CONSTRUCTION COMPANY
 2008 EAST VALLEY HIGHWAY 10780 SW CLUTTER RD
 SUMNER WA 983909568 SHERWOOD OR 97140-9563
 WILSONVILLE OR 970700347
 CONTRACTOR NUMBER : 651100 CONTRACTOR NUMBER : 188245

ITEM NO.	ITEM DESCRIPTION EST. QUANTITY	UNIT MEAS	ENGR'S. EST.				
			PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT	% DIFF./ AMT.DIFF.	PRICE PER UNIT/ TOTAL AMOUNT	% DIFF./ AMT.DIFF.
PREPARATION							
1	MOBILIZATION						
		L.S.			6.24%		145.42%
			60,000.00	63,743.21	3,743	147,250.00	87,250
2	REMOVING GUARDRAIL 13679.0000	L.F.	12.0000	2.6000	-78.33%	3.0000	-75.00%
			164,148.00	35,565.40	-128,583	41,037.00	-123,111
3	REMOVING GUARDRAIL ANCHOR 91.0000	EACH	200.0000	160.0000	-20.00%	340.0000	70.00%
			18,200.00	14,560.00	-3,640	30,940.00	12,740
GRADING							
4	DELETED ITEM 0.0100	EACH	0.0010	0.0000	0.00%	0.0000	0.00%
			0.00	0.00	0	0.00	0
STRUCTURE							
6	CONC. CLASS 4000 FOR CURB 18.0000	C.Y.	450.0000	332.0000	-26.22%	370.0000	-17.78%
			8,100.00	5,976.00	-2,124	6,660.00	-1,440
7	CONC. CLASS 4000 FOR END POST 1.0000	C.Y.	450.0000	6,500.0000	1,344.44%	4,500.0000	900.00%
			450.00	6,500.00	6,050	4,500.00	4,050
8	DELETED ITEM 0.0100	EACH	0.0010	0.0000	0.00%	0.0000	0.00%
			0.00	0.00	0	0.00	0
9	ST. REINF. BAR FOR CURB 1767.0000	LB.	0.5000	1.1000	120.00%	2.0000	300.00%
			883.50	1,943.70	1,060	3,534.00	2,651
TRAFFIC							
5	BEAM GUARDRAIL TYPE 1 - 8 FT. LONG POST 344.0000	L.F.	54.0000	13.1000	-75.74%	15.0000	-72.22%
			18,576.00	4,506.40	-14,070	5,160.00	-13,416
10	BEAM GUARDRAIL TYPE 1 15712.0000	L.F.	12.0000	11.9000	-0.83%	14.0000	16.67%
			188,544.00	186,972.80	-1,571	219,968.00	31,424

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TRAFFIC								
11	MODIFIED BEAM GUARDRAIL TYPE 1							
	206.0000	L.F.	30.0000	16.4000	-45.33%	18.0000	-40.00%	
			6,180.00	3,378.40	-2,802	3,708.00	-2,472	
12	BEAM GUARDRAIL TYPE THRIE BEAM							
	6701.0000	L.F.	45.0000	47.2000	4.89%	72.0000	60.00%	
			301,545.00	316,287.20	14,742	482,472.00	180,927	
13	BEAM GUARDRAIL TYPE 11							
	294.0000	L.F.	60.0000	37.8500	-36.92%	98.0000	63.33%	
			17,640.00	11,127.90	-6,512	28,812.00	11,172	
14	BEAM GUARDRAIL TYPE 10							
	756.0000	L.F.	50.0000	21.7000	-56.60%	30.0000	-40.00%	
			37,800.00	16,405.20	-21,395	22,680.00	-15,120	
15	BEAM GUARDRAIL TRANSITION SECTION TYPE 1							
	7.0000	EACH	1,400.0000	1,280.0000	-8.57%	1,200.0000	-14.29%	
			9,800.00	8,960.00	-840	8,400.00	-1,400	
16	BEAM GUARDRAIL TRANSITION SECTION TYPE 10							
	10.0000	EACH	1,500.0000	1,200.0000	-20.00%	1,200.0000	-20.00%	
			15,000.00	12,000.00	-3,000	12,000.00	-3,000	
17	BEAM GUARDRAIL TRANSITION SECTION TYPE 11							
	1.0000	EACH	1,500.0000	1,200.0000	-20.00%	1,200.0000	-20.00%	
			1,500.00	1,200.00	-300	1,200.00	-300	
18	BEAM GUARDRAIL TRANSITION SECTION TYPE 13							
	12.0000	EACH	1,500.0000	1,350.0000	-10.00%	1,500.0000	0.00%	
			18,000.00	16,200.00	-1,800	18,000.00	0	
19	BEAM GUARDRAIL TRANSITION SECTION TYPE 14							
	4.0000	EACH	1,500.0000	1,350.0000	-10.00%	1,500.0000	0.00%	
			6,000.00	5,400.00	-600	6,000.00	0	
20	BEAM GUARDRAIL TRANSITION SECTION TYPE 15							
	8.0000	EACH	1,500.0000	1,350.0000	-10.00%	1,500.0000	0.00%	
			12,000.00	10,800.00	-1,200	12,000.00	0	
21	BEAM GUARDRAIL TRANSITION SECTION TYPE 16							
	16.0000	EACH	1,200.0000	1,200.0000	0.00%	1,200.0000	0.00%	
			19,200.00	19,200.00	0	19,200.00	0	

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TRAFFIC								
22	BEAM GUARDRAIL TRANSITION SECTION TYPE 17							
	3.0000 EACH		1,500.0000	1,200.0000	-20.00%	1,200.0000	-20.00%	
			4,500.00	3,600.00	-900	3,600.00	-900	
23	BEAM GUARDRAIL TRANSITION SECTION TYPE 18							
	5.0000 EACH		1,500.0000	1,200.0000	-20.00%	1,200.0000	-20.00%	
			7,500.00	6,000.00	-1,500	6,000.00	-1,500	
24	BEAM GUARDRAIL FLARED TERMINAL							
	54.0000 EACH		1,200.0000	1,800.0000	50.00%	1,750.0000	45.83%	
			64,800.00	97,200.00	32,400	94,500.00	29,700	
25	BEAM GUARDRAIL NON-FLARED TERMINAL							
	9.0000 EACH		1,350.0000	1,950.0000	44.44%	2,100.0000	55.56%	
			12,150.00	17,550.00	5,400	18,900.00	6,750	
26	BEAM GUARDRAIL BURIED TERMINAL							
	11.0000 EACH		630.0000	615.0000	-2.38%	725.0000	15.08%	
			6,930.00	6,765.00	-165	7,975.00	1,045	
27	BEAM GUARDRAIL ANCHOR TYPE 4							
	37.0000 EACH		600.0000	525.0000	-12.50%	485.0000	-19.17%	
			22,200.00	19,425.00	-2,775	17,945.00	-4,255	
28	REMOVING AND RESETTING BEAM GUARDRAIL							
	186.0000 L.F.		12.0000	9.5000	-20.83%	12.0000	0.00%	
			2,232.00	1,767.00	-465	2,232.00	0	
29	RAISING EXISTING BEAM GUARDRAIL							
	475.0000 L.F.		10.0000	3.7000	-63.00%	10.0000	0.00%	
			4,750.00	1,757.50	-2,993	4,750.00	0	
30	PRECAST CONC. BARRIER TYPE 2							
	98.0000 L.F.		50.0000	22.0000	-56.00%	30.0000	-40.00%	
			4,900.00	2,156.00	-2,744	2,940.00	-1,960	
31	PRECAST CONC. BARRIER TYPE 4							
	12.5000 L.F.		50.0000	23.0000	-54.00%	30.0000	-40.00%	
			625.00	287.50	-338	375.00	-250	
32	PERMANENT IMPACT ATTENUATOR							
	1.0000 EACH		50,000.0000	41,970.0000	-16.06%	50,000.0000	0.00%	
			50,000.00	41,970.00	-8,030	50,000.00	0	

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TRAFFIC								
33	REPAIR IMPACT ATTENUATOR							
		EST.			0.00%		0.00%	
			3,700.00	3,700.00		3,700.00		
34	TRUCK MOUNTED IMPACT ATTENUATOR							
	3.0000	EACH	5,000.0000	7,200.0000	44.00%	7,200.0000	44.00%	
			15,000.00	21,600.00	6,600	21,600.00	6,600	
35	OPERATION OF TRUCK MOUNTED IMPACT ATTENUATOR							
	550.0000	HR	29.0000	36.0000	24.14%	33.5000	15.52%	
			15,950.00	19,800.00	3,850	18,425.00	2,475	
36	FLEXIBLE GUIDE POST							
	133.0000	EACH	12.0000	20.7000	72.50%	20.0000	66.67%	
			1,596.00	2,753.10	1,157	2,660.00	1,064	
37	BRIDGE MOUNTED GUIDE POST							
	68.0000	EACH	12.0000	23.9000	99.17%	40.0000	233.33%	
			816.00	1,625.20	809	2,720.00	1,904	
38	PERMANENT SIGNING							
		L.S.			-24.93%		3.49%	
			91,800.00	68,912.35	-22,888	95,000.00	3,200	
39	SEQUENTIAL ARROW SIGN							
	3000.0000	HR	4.0000	3.0000	-25.00%	3.0000	-25.00%	
			12,000.00	9,000.00	-3,000	9,000.00	-3,000	
40	PORTABLE CHANGEABLE MESSAGE SIGN							
	3.0000	EACH	3,000.0000	5,500.0000	83.33%	6,000.0000	100.00%	
			9,000.00	16,500.00	7,500	18,000.00	9,000	
41	OPERATION OF PORTABLE CHANGEABLE MESSAGE SIGN							
	2600.0000	HR	5.0000	3.0000	-40.00%	2.5000	-50.00%	
			13,000.00	7,800.00	-5,200	6,500.00	-6,500	
42	TEMPORARY TRAFFIC CONTROL DEVICES							
		L.S.			-37.87%		-28.35%	
			32,100.00	19,943.00	-12,157	23,000.00	-9,100	
43	TRAFFIC CONTROL SUPERVISOR							
	800.0000	HR	33.0000	34.5000	4.55%	35.0000	6.06%	
			26,400.00	27,600.00	1,200	28,000.00	1,600	

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TRAFFIC									
44	TRAFFIC CONTROL LABOR								
	3250.0000	HR	29.0000	15.52%	33.5000	17.24%	34.0000	17.24%	
			94,250.00		108,875.00		110,500.00		16,250
45	TRAFFIC PATROLLER								
	700.0000	HR	29.0000	17.24%	34.0000	20.69%	35.0000	20.69%	
			20,300.00		23,800.00		24,500.00		4,200
46	CONSTRUCTION SIGNS CLASS A								
	360.0000	S.F.	2.0000	500.00%	12.0000	500.00%	12.0000	500.00%	
			720.00		4,320.00		4,320.00		3,600
OTHER ITEMS									
47	BRIDGE END SIDEWALK RAMP								
	12.0000	EACH	120.0000	366.67%	560.0000	900.00%	1,200.0000	900.00%	
			1,440.00		6,720.00		14,400.00		12,960
48	CHAIN LINK FENCE TYPE 3								
	250.0000	L.F.	12.0000	-35.75%	7.7100	-8.33%	11.0000	-8.33%	
			3,000.00		1,927.50		2,750.00		-250
49	END, CORNER, AND PULL POST FOR CHAIN LINK FENCE								
	5.0000	EACH	50.0000	60.00%	80.0000	350.00%	225.0000	350.00%	
			250.00		400.00		1,125.00		875
50	DOUBLE 14 FT. CHAIN LINK GATE								
	1.0000	EACH	650.0000	30.77%	850.0000	53.85%	1,000.0000	53.85%	
			650.00		850.00		1,000.00		350
51	SPILL PREVENTION PLAN								
		L.S.		-68.67%		-50.00%		-50.00%	
			1,500.00		470.00		750.00		-750
52	SPCC LEAD								
	60.0000	HR	25.0000	52.00%	38.0000	200.00%	75.0000	200.00%	
			1,500.00		2,280.00		4,500.00		3,000
53	MINOR CHANGE								
		CALC		0.00%		0.00%		0.00%	
			-1.00		-1.00		-1.00		
54	ROADSIDE CLEANUP								
		EST.		0.00%		0.00%		0.00%	
			5,600.00		5,600.00		5,600.00		

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OTHER ITEMS									
55	REIMBURSEMENT FOR THIRD PARTY DAMAGE EST.		1,000.00	0.00%	1,000.00	0.00%	1,000.00	0.00%	
56	TEMPORARY WATER POLLUTION/EROSION CONTROL EST.		1,100.00	0.00%	1,100.00	0.00%	1,100.00	0.00%	
57	EROSION CONTROL LEAD 45.0000 HR		40.0000 1,800.00	-5.00% -90	38.0000 1,710.00	-5.00% -90	75.0000 3,375.00	87.50% 1,575	
58	WATER POLLUTION PERVENTION PLAN L.S.		500.00	-6.00%	470.00	-6.00%	500.00	0.00%	
59	ASPHALT CONC. PAVEMENT CL. A PG 58-2: 18.0000 TON		150.0000 2,700.00	-36.37% -982	95.4500 1,718.10	-36.37% -982	300.0000 5,400.00	100.00% 2,700	
60	BEAM GUARDRAIL TRANSITION SECTION TYPE 12 2.0000 EACH		1,500.0000 3,000.00	-26.67% -800	1,100.0000 2,200.00	-26.67% -800	1,100.0000 2,200.00	-26.67% -800	
61	CRUSHED SURFACING BASE COURSE 20.0000 TON		40.0000 800.00	-10.13%	35.9500 719.00	-10.13%	55.0000 1,100.00	37.50% 300	
62	SELECT BORROW INCL. HAUL 1094.3000 TON		15.0000 16,414.50	100.67%	30.1000 32,938.43	100.67%	40.0000 43,772.00	166.67% 27,358	
63	REMOVAL OF STRUCTURE AND OBSTRUCTION L.S.		2,500.00	22.90%	3,072.50	22.90%	5,510.00	120.40%	
CONTRACT TOTAL			\$1,464,539.00		\$1,338,607.39	-8.60%	\$1,744,744.00	19.13%	