

PS&E JOB NO : 04C513 REVISION NO : 1
 CONTRACT NO : 006880 REGION NO : 3
 VERSION NO : 1 WORK ORDER# : MS4019
 HWY : SR 016
 TITLE : SR 16
 OLYMPIC DR TO SR 302
 EB RAMP METERS
 04C513
 PROJECT :
 COUNTY(S) : PIERCE

BIDS OPENED ON : Dec 1 2004
 AWARDED ON : Dec 6 2004

-----	LOW BIDDER	-----	2ND BIDDER	-----	3RD BIDDER	-----
	TOTEM ELECTRIC OF TACOMA, INC.		SIGNAL ELECTRIC INC.		MARLES CORPORATION DBA AMAYA	
	2332 S JEFFERSON AVE		1001 3RD AVE S		2519 104TH ST CT S	
	98402-1405		98032-6102		98499-8741	
	TACOMA WA 984011093		KENT WA 980646209		LAKEWOOD WA 984980686	
	CONTRACTOR NUMBER : 826550		CONTRACTOR NUMBER : 766700		CONTRACTOR NUMBER : 100315	

ITEM NO.	ITEM DESCRIPTION	UNIT MEAS	ENGR'S. EST.		% DIFF./ AMT.DIFF.	2ND BIDDER		% DIFF./ AMT.DIFF.	3RD BIDDER	
			PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT		PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT		PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT
PREPARATION										
1	MOBILIZATION	L.S.			3.18 %			-36.18 %		-69.53 %
			31,337.22	32,335.00	997.78	20,000.00	-11,337.22		9,548.00	-21,789.22
EROSION CONTROL AND PLANTING										
2	ESC LEAD									
	4.0000	DAY	100.0000	300.0000	200.00 %	55.0000	-45.00 %		350.0000	250.00 %
			400.00	1,200.00	800.00	220.00	-180.00		1,400.00	1,000.00
3	SEEDING AND FERTILIZING BY HAND									
	4162.0000	S.Y.	1.2000	0.2500	-79.17 %	0.7500	-37.50 %		1.9500	62.50 %
			4,994.40	1,040.50	-3,953.90	3,121.50	-1,872.90		8,115.90	3,121.50
4	STRAW BALE									
	186.0000	EACH	30.0000	17.0000	-43.33 %	25.0000	-16.67 %		7.5000	-75.00 %
			5,580.00	3,162.00	-2,418.00	4,650.00	-930.00		1,395.00	-4,185.00
5	EROSION/WATER POLLUTION CONTROL									
	EST.				0.00 %		0.00 %			0.00 %
			2,000.00	2,000.00		2,000.00			2,000.00	
6	TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN									
	L.S.				-70.00 %		0.00 %			0.00 %
			1,000.00	300.00	-700.00	1,000.00	0.00		1,000.00	0.00
TRAFFIC										
7	TRUCK MOUNTED IMPACT ATTENUATOR									
	2.0000	EACH	5,500.0000	2,100.0000	-61.82 %	8,000.0000	45.45 %		2,950.0000	-46.36 %
			11,000.00	4,200.00	-6,800.00	16,000.00	5,000.00		5,900.00	-5,100.00
8	OPERATION OF TRUCK MOUNTED IMPACT ATTENUATOR									
	160.0000	HR	40.0000	35.0000	-12.50 %	40.0000	0.00 %		45.0000	12.50 %
			6,400.00	5,600.00	-800.00	6,400.00	0.00		7,200.00	800.00
9	REPAIR TRUCK-MOUNTED IMPACT ATTENUATOR									
	EST.				0.00 %		0.00 %			0.00 %
			5.00	5.00		5.00			5.00	

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----- LOW BIDDER -----	----- 2ND BIDDER -----	----- 3RD BIDDER -----
TOTEM ELECTRIC OF TACOMA, INC. 2332 S JEFFERSON AVE 98402-1405 TACOMA WA 984011093 CONTRACTOR NUMBER : 826550	SIGNAL ELECTRIC INC. 1001 3RD AVE S 98032-6102 KENT WA 980646209 CONTRACTOR NUMBER : 766700	MARLES CORPORATION DBA AMAYA 2519 104TH ST CT S 98499-8741 LAKEWOOD WA 984980686 CONTRACTOR NUMBER : 100315

ITEM NO.	ITEM DESCRIPTION	UNIT MEAS	ENGR'S. EST.		% DIFF./ AMT.DIFF.	2ND BIDDER		% DIFF./ AMT.DIFF.	3RD BIDDER	
			PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT		PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT		PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT
TRAFFIC										
10	PLASTIC JUNCTION BOX MARKINGS									
	65.0000 EACH		26.2500	22.0000	-16.19 %	21.0000	-20.00 %	22.0000	-16.19 %	
			1,706.25	1,430.00	-276.25	1,365.00	-341.25	1,430.00	-276.25	
11	PLASTIC STOP LINE									
	42.0000 L.F.		5.0000	20.0000	300.00 %	15.7500	215.00 %	17.0000	240.00 %	
			210.00	840.00	630.00	661.50	451.50	714.00	504.00	
12	TRAFFIC DATA ACCUMULATION AND RAMP METER SYSTEM									
	L.S.				7.72 %		-2.94 %		0.54 %	
			106,761.00	115,000.00	8,239.00	103,624.00	-3,137.00	107,337.00	576.00	
13	CCTV SYSTEM									
	L.S.				244.19 %		465.69 %		166.80 %	
			3,530.00	12,150.00	8,620.00	19,969.00	16,439.00	9,418.00	5,888.00	
14	CONDUIT SYSTEM									
	L.S.				-0.33 %		0.87 %		26.73 %	
			168,127.50	167,570.00	-557.50	169,594.00	1,466.50	213,075.00	44,947.50	
15	SEQUENTIAL ARROW SIGN									
	240.0000 HR		3.0000	3.0000	0.00 %	2.5000	-16.67 %	1.0000	-66.67 %	
			720.00	720.00	0.00	600.00	-120.00	240.00	-480.00	
16	PORTABLE CHANGEABLE MESSAGE SIGN									
	2.0000 EACH		11,780.0000	1,650.0000	-85.99 %	2,000.0000	-83.02 %	1,900.0000	-83.87 %	
			23,560.00	3,300.00	-20,260.00	4,000.00	-19,560.00	3,800.00	-19,760.00	
17	OPERATION OF PORTABLE CHANGEABLE MESSAGE SIGN									
	120.0000 HR		6.0000	2.2500	-62.50 %	5.2500	-12.50 %	1.7500	-70.83 %	
			720.00	270.00	-450.00	630.00	-90.00	210.00	-510.00	
18	OTHER TEMPORARY TRAFFIC CONTROL									
	L.S.				-77.50 %		-75.00 %		-75.00 %	
			20,000.00	4,500.00	-15,500.00	5,000.00	-15,000.00	5,000.00	-15,000.00	
19	OTHER TRAFFIC CONTROL LABOR									
	400.0000 HR		39.0000	39.0000	0.00 %	40.0000	2.56 %	40.0300	2.64 %	
			15,600.00	15,600.00	0.00	16,000.00	400.00	16,012.00	412.00	
20	TRAFFIC CONTROL SUPERVISOR									
	L.S.				-71.88 %		-86.50 %		-52.50 %	
			20,000.00	5,625.00	-14,375.00	2,700.00	-17,300.00	9,500.00	-10,500.00	

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			PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT		PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT		PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT
TRAFFIC										
21	CONSTRUCTION SIGNS CLASS A									
	200.0000	S.F.	15.0000	12.5000	-16.67 %	12.5000	-16.67 %	16.0000	6.67 %	
			3,000.00	2,500.00	-500.00	2,500.00	-500.00	3,200.00	200.00	
OTHER ITEMS										
22	SHORING OR EXTRA EXCAVATION CLASS B									
	200.0000	S.F.	4.5000	4.5000	0.00 %	18.0000	300.00 %	12.0000	166.67 %	
			900.00	900.00	0.00	3,600.00	2,700.00	2,400.00	1,500.00	
23	REIMBURSEMENT FOR THIRD PARTY DAMAGE									
		EST.			0.00 %		0.00 %		0.00 %	
			5.00	5.00		5.00		5.00		
24	MINOR CHANGE									
		CALC			0.00 %		0.00 %		0.00 %	
			-2.00	-2.00		-2.00		-2.00		
25	SPCC PLAN									
		L.S.			-40.00 %		300.00 %		60.00 %	
			500.00	300.00	-200.00	2,000.00	1,500.00	800.00	300.00	
26	ROADSIDE CLEANUP									
		EST.			0.00 %		0.00 %		0.00 %	
			1,000.00	1,000.00		1,000.00		1,000.00		
CONTRACT TOTAL			<u>\$429,054.37</u>	<u>\$381,550.50</u>	<u>-11.07%</u>	<u>\$386,643.00</u>	<u>-9.88%</u>	<u>\$410,702.90</u>	<u>-4.28%</u>	
BASE TOTAL			<u>\$429,054.37</u>	<u>\$381,550.50</u>	<u>-11.07%</u>	<u>\$386,643.00</u>	<u>-9.88%</u>	<u>\$410,702.90</u>	<u>-4.28%</u>	

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----- 4TH BIDDER -----
 ELCON CORPORATION
 1720 - 75TH ST SW
 EVERETT WA 982036262
 CONTRACTOR NUMBER : 100398

ITEM NO.	ITEM DESCRIPTION EST. QUANTITY	UNIT MEAS	ENGR'S. EST.		
			PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT	% DIFF./ AMT.DIFF.
PREPARATION					
1	MOBILIZATION	L.S.	31,337.22	45,800.00	46.15 % 14,462.78
EROSION CONTROL AND PLANTING					
2	ESC LEAD	DAY	100.0000 400.00	150.0000 600.00	50.00 % 200.00
3	SEEDING AND FERTILIZING BY HAND	S.Y.	1.2000 4,994.40	2.0000 8,324.00	66.67 % 3,329.60
4	STRAW BALE	EACH	30.0000 5,580.00	25.5000 4,743.00	-15.00 % -837.00
5	EROSION/WATER POLLUTION CONTROL	EST.	2,000.00	2,000.00	0.00 %
6	TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN	L.S.	1,000.00	2,300.00	130.00 % 1,300.00
TRAFFIC					
7	TRUCK MOUNTED IMPACT ATTENUATOR	EACH	5,500.0000 11,000.00	2,000.0000 4,000.00	-63.64 % -7,000.00
8	OPERATION OF TRUCK MOUNTED IMPACT ATTENUATOR	HR	40.0000 6,400.00	44.0000 7,040.00	10.00 % 640.00
9	REPAIR TRUCK-MOUNTED IMPACT ATTENUATOR	EST.	5.00	5.00	0.00 %

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			PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT	% DIFF./ AMT.DIFF.
TRAFFIC					
10	PLASTIC JUNCTION BOX MARKINGS 65.0000	EACH	26.2500 1,706.25	25.5000 1,657.50	-2.86 % -48.75
11	PLASTIC STOP LINE 42.0000	L.F.	5.0000 210.00	21.0000 882.00	320.00 % 672.00
12	TRAFFIC DATA ACCUMULATION AND RAMP METER SYSTEM L.S.		106,761.00	251,000.00	135.10 % 144,239.00
13	CCTV SYSTEM L.S.		3,530.00	19,600.00	455.24 % 16,070.00
14	CONDUIT SYSTEM L.S.		168,127.50	65,000.00	-61.34 % -103,127.50
15	SEQUENTIAL ARROW SIGN 240.0000	HR	3.0000 720.00	2.2500 540.00	-25.00 % -180.00
16	PORTABLE CHANGEABLE MESSAGE SIGN 2.0000	EACH	11,780.0000 23,560.00	1,650.0000 3,300.00	-85.99 % -20,260.00
17	OPERATION OF PORTABLE CHANGEABLE MESSAGE SIGN 120.0000	HR	6.0000 720.00	2.6000 312.00	-56.67 % -408.00
18	OTHER TEMPORARY TRAFFIC CONTROL L.S.		20,000.00	5,400.00	-73.00 % -14,600.00
19	OTHER TRAFFIC CONTROL LABOR 400.0000	HR	39.0000 15,600.00	42.0000 16,800.00	7.69 % 1,200.00
20	TRAFFIC CONTROL SUPERVISOR L.S.		20,000.00	9,400.00	-53.00 % -10,600.00

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			PRICE PER UNIT/ TOTAL AMOUNT	PRICE PER UNIT/ TOTAL AMOUNT	% DIFF./ AMT.DIFF.
TRAFFIC					
21	CONSTRUCTION SIGNS CLASS A				
	200.0000	S.F.	15.0000 3,000.00	16.0000 3,200.00	6.67 % 200.00
OTHER ITEMS					
22	SHORING OR EXTRA EXCAVATION CLASS B				
	200.0000	S.F.	4.5000 900.00	18.0000 3,600.00	300.00 % 2,700.00
23	REIMBURSEMENT FOR THIRD PARTY DAMAGE				
		EST.			0.00 %
			5.00	5.00	
24	MINOR CHANGE				
		CALC			0.00 %
			-2.00	-2.00	
25	SPCC PLAN				
		L.S.			290.00 %
			500.00	1,950.00	1,450.00
26	ROADSIDE CLEANUP				
		EST.			0.00 %
			1,000.00	1,000.00	
CONTRACT TOTAL			<u>\$429,054.37</u>	<u>\$458,456.50</u>	<u>6.85%</u>
BASE TOTAL			<u>\$429,054.37</u>	<u>\$458,456.50</u>	<u>6.85%</u>