

**Fort Bend County Tabulation**  
**Bid 12-031**  
**Traffic Signalization: West Airport at Old Richmond**

**Recommendation: Traf-Tex**  
**Funding: R & B**

<b>Company</b>	<b>Base Bid</b>
Traf-Tex Houston TX	\$132,611.15
Southwest Signal Supply South Houston TX	\$144,253.00
Statewide Traffic Signal Houston TX	\$151,811.35
Florida Traffic Control Devices Houston TX	Disqualified: Did not provide proof of insurance as required.
Third Coast Services Magnolia TX	Disqualified: Did not provide proof of insurance as required.
Traffic Systems Construction Dickinson TX	Disqualified: Did not provide proof of insurance as required.



CONSULTING  
ENGINEERS

February 27, 2012

Ms. Debbie Kaminski, CPBB  
Assistant County Purchasing Agent  
Fort Bend County – Purchasing Department  
301 Jackson, Suite 201 – Travis Annex  
Richmond, Texas 77469

**Re: Traffic Signalization to Serve the Intersection of West Airport Boulevard @ Old  
Richmond Road  
TAI Job No. 0522-1101**

Dear Ms. Kaminski:

Bids were received for the above referenced project at 8:00 a.m. on Friday, February 24, 2012, in our office. Three (3) qualified bids were received, and after review, the low bidder is Traf-Tex, Inc., in the amount of \$132,611.15, the second low bidder was Southwest Signal Supply, Inc., in the amount of \$144,253.00, and the third low bidder was Statewide Traffic Signal Company, in the amount of \$151,811.35.

Attached for your review are the Bid Tabulations. Based on consideration of the low bid submitted, it is our recommendation that the contract be awarded to Traf-Tex, Inc.

If you have any questions or require additional information please do not hesitate to call the undersigned.

Best regards,

TERRA ASSOCIATES, INC.

Lyle Henkel, P.E.  
President

Attachments

**TABULATION OF BIDS - FORT BEND COUNTY TEXAS**  
**Traffic Signal to Serve the Intersection of West Airport Boulevard @ Old**  
**Richmond Road**

**BID NO. 12-031**

Bid Item	Quantity	Description	Traf-Tex, Inc.		Statewide Traffic Signal Company		Southwest Signal Supply	
			Rate	Amount	Rate	Amount	Rate	Amount
1	11	Partial Median Removal	\$90.00	\$990.00	\$103.00	\$1,133.00	\$106.00	\$1,166.00
2	13	Gravel Removal	\$11.00	\$143.00	\$16.50	\$214.50	\$17.00	\$221.00
3	150	Removal of Concrete Curb	\$9.00	\$1,350.00	\$0.10	\$15.00	\$5.00	\$750.00
4	55	Removing Concrete (Sidewalk/Ramp)	\$28.00	\$1,540.00	\$0.10	\$5.50	\$5.00	\$275.00
5	100	Excavation	\$22.00	\$2,200.00	\$0.10	\$10.00	\$5.00	\$500.00
6	1	Block Sodding	\$1,450.00	\$1,450.00	\$800.00	\$800.00	\$1,272.00	\$1,272.00
7	62	Curb (Type II)	\$15.00	\$930.00	\$26.00	\$1,612.00	\$26.50	\$1,643.00
8	1	Concrete Pavement (10'')/Stabilized Subgrade	\$7,500.00	\$7,500.00	\$7,725.00	\$7,725.00	\$7,950.00	\$7,950.00
9	4	Barricades, Signs and Traffic Handling	\$300.00	\$1,200.00	\$700.00	\$2,800.00	\$795.00	\$3,180.00
10	100	Temporary Erosion, Sedimentation, and Environmental Control	\$3.25	\$325.00	\$3.00	\$300.00	\$3.20	\$320.00
11	40	Concrete Sidewalk (5')(6'')	\$44.00	\$1,760.00	\$42.00	\$1,680.00	\$42.50	\$1,700.00
12	41	Aluminum Signs (TY A)	\$27.00	\$1,107.00	\$120.00	\$4,920.00	\$185.00	\$7,585.00
13	19	Aluminum Signs (TY A) (Street Name Signs)	\$70.00	\$1,330.00	\$75.00	\$1,425.00	\$25.00	\$475.00
14	5	INS SM RD SN and AM TY 10BWG (1) SA (T)	\$500.00	\$2,500.00	\$550.00	\$2,750.00	\$585.00	\$2,925.00
15	10	Remove SM RD SN SUP & AM	\$80.00	\$800.00	\$50.00	\$500.00	\$80.00	\$800.00
16	75	Reflective Pavement Markers TY 1 (W) (4'') (BRK) (100 mil)	\$0.55	\$41.25	\$1.35	\$101.25	\$0.65	\$48.75
17	80	Reflective Pavement Markers TY 1 (W) (4'') (SLD) (100 mil)	\$0.55	\$44.00	\$1.19	\$95.20	\$0.65	\$52.00
18	335	Reflective Pavement Markers TY 1 (W) (8'') (SLD) (100 mil)	\$1.10	\$368.50	\$1.81	\$606.35	\$1.10	\$368.50
19	985	Reflective Pavement Markers TY 1 (W) (24'') (SLD) (100 mil)	\$6.25	\$6,156.25	\$4.45	\$4,383.25	\$6.40	\$6,304.00
20	4	Reflective Pavement Markers TY 1 (W) (ARROW) (100 mil)	\$87.00	\$348.00	\$93.00	\$372.00	\$135.00	\$540.00
21	4	Reflective Pavement Markers TY 1 (W) (WORD) (100 mil)	\$93.00	\$372.00	\$103.00	\$412.00	\$135.00	\$540.00
22	130	ELIM EXT PAV MRK	\$0.30	\$39.00	\$0.19	\$24.70	\$0.60	\$78.00
23	250	ELIM EXT PAV MRK & MRKS (8'')	\$0.45	\$112.50	\$0.37	\$92.50	\$1.08	\$270.00
24	145	ELIM EXT PAV MRK & MRKS (24'')	\$1.80	\$261.00	\$0.52	\$75.40	\$3.20	\$464.00
25	4	Pavement Surface Preparation for Markers (BLAST CLN) (ARROW)	\$5.20	\$20.80	\$10.30	\$41.20	\$1.10	\$4.40
26	4	Pavement Surface Preparation for Markers (BLAST CLN) (WORD)	\$5.20	\$20.80	\$10.30	\$41.20	\$1.10	\$4.40
27	155	Pavement Surface Preparation for Markers (4'')	\$0.15	\$23.25	\$0.07	\$10.85	\$0.10	\$15.50
28	985	Pavement Surface Preparation for Markers (24'')	\$0.25	\$246.25	\$0.21	\$206.85	\$0.10	\$98.50
29	335	Pavement Surface Preparation for Markers (8'')	\$0.65	\$217.75	\$0.16	\$53.60	\$0.10	\$33.50
<b>SUB BASE BID FOR PAVEMENT MARKINGS, TRAFFIC SIGNS &amp; MISCELLANEOUS ITEMS:</b>				<b>\$33,396.35</b>		<b>\$32,406.35</b>		<b>\$39,583.55</b>
30	62	Foundation for Traffic Signal (TY D) (36" Drill Shaft)	\$160.00	\$9,920.00	\$180.00	\$11,160.00	\$250.00	\$15,500.00
31	1	Traffic Signal Controller Foundation (concrete)	\$1,250.00	\$1,250.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
32	4	Cl C (Sidewalk/Ramp) (To comply with PED 05)	\$1,350.00	\$5,400.00	\$1,800.00	\$7,200.00	\$1,855.00	\$7,420.00
33	30	Conduit (PVC)(SCHD 80) (2'')	\$6.00	\$180.00	\$10.00	\$300.00	\$6.90	\$207.00
34	195	Conduit (PVC)(SCHD 80) (3'')	\$7.00	\$1,365.00	\$11.00	\$2,145.00	\$8.00	\$1,560.00
35	770	Conduit (PVC)(SCHD 80) (3'') (BORE)	\$8.00	\$6,160.00	\$17.00	\$13,090.00	\$10.00	\$7,700.00
36	70	Conduit (PVC)(SCHD 80) (4'')	\$12.00	\$840.00	\$22.00	\$1,540.00	\$10.75	\$752.50
37	125	Conduit (RM) (2'')	\$10.00	\$1,250.00	\$13.00	\$1,625.00	\$12.00	\$1,500.00
38	250	Electrical Conductor (No. 4) insulated	\$2.25	\$562.50	\$1.50	\$375.00	\$1.90	\$475.00
39	1170	Electrical Conductor (No. 6) bare	\$1.15	\$1,345.50	\$1.00	\$1,170.00	\$1.80	\$2,106.00

Bid Item	Quantity	Description	Traf-Tex, Inc.		Statewide Traffic Signal Company		Southwest Signal Supply	
			Rate	Amount	Rate	Amount	Rate	Amount
40	600	Tray Cable (4 Condr) (12 AWG)	\$1.75	\$1,050.00	\$1.30	\$780.00	\$1.55	\$930.00
41	8	Ground Box TY D (162922) w/ apron	\$625.00	\$5,000.00	\$700.00	\$5,600.00	\$585.00	\$4,680.00
42	1	ELEC SRV TY D 120/240 070 (NS) SS (E) SP (U)	\$3,500.00	\$3,500.00	\$3,200.00	\$3,200.00	\$1,800.00	\$1,800.00
43	1	Highway Traffic Signal	\$12,430.00	\$12,430.00	\$10,700.00	\$10,700.00	\$7,833.40	\$7,833.40
44	8	BACK PLATE (12 IN) (3 SEC)	\$45.00	\$360.00	\$40.00	\$320.00	\$90.00	\$720.00
45	4	BACK PLATE (12 IN) (4 SEC)	\$55.00	\$220.00	\$50.00	\$200.00	\$95.00	\$380.00
46	8	Pedestrian Signal Section (2 indications in 1 section)	\$465.00	\$3,720.00	\$450.00	\$3,600.00	\$450.00	\$3,600.00
47	4	VEH SEC (12 IN) LED (GRN ARW)	\$180.00	\$720.00	\$160.00	\$640.00	\$160.00	\$640.00
48	8	VEH SEC (12 IN) LED (GRN)	\$180.00	\$1,440.00	\$160.00	\$1,280.00	\$160.00	\$1,280.00
49	4	VEH SEC (12 IN) LED (YEL ARW)	\$165.00	\$660.00	\$160.00	\$640.00	\$160.00	\$640.00
50	8	VEH SEC (12 IN) LED (YEL)	\$180.00	\$1,440.00	\$160.00	\$1,280.00	\$160.00	\$1,280.00
51	8	VEH SEC (12 IN) LED (RED ARW)	\$160.00	\$1,280.00	\$160.00	\$1,280.00	\$160.00	\$1,280.00
52	8	VEH SEC (12 IN) LED (RED)	\$165.00	\$1,320.00	\$160.00	\$1,280.00	\$160.00	\$1,280.00
53	1503	Traffic Signal Cable (TY A) (2 Conductor) (12 AWG)	\$1.30	\$1,953.90	\$1.00	\$1,503.00	\$0.80	\$1,202.40
54	1603	Traffic Signal Cable (TY A) (4 Conductor) (12 AWG)	\$1.50	\$2,404.50	\$1.20	\$1,923.60	\$1.25	\$2,003.75
55	1963	Traffic Signal Cable (TY A) (7 Conductor) (12 AWG)	\$1.80	\$3,533.40	\$1.80	\$3,533.40	\$1.80	\$3,533.40
56	1	Traffic Signal Pole Assembly, 32' Single Mast Arm with Luminaire	\$4,315.00	\$4,315.00	\$5,500.00	\$5,500.00	\$4,900.00	\$4,900.00
57	2	Traffic Signal Pole Assembly, 44' Single Mast Arm	\$5,525.00	\$11,050.00	\$6,000.00	\$12,000.00	\$6,100.00	\$12,200.00
58	1	Traffic Signal Pole Assembly, 44' Single Mast Arm with Luminaire	\$5,840.00	\$5,840.00	\$7,000.00	\$7,000.00	\$6,500.00	\$6,500.00
59	1	Pedestrian Pole Assembly	\$915.00	\$915.00	\$1,200.00	\$1,200.00	\$1,100.00	\$1,100.00
60	8	Pedestrian Detection Push Buttons	\$60.00	\$480.00	\$100.00	\$800.00	\$85.00	\$680.00
61	1	VIVDS Processor System	\$125.00	\$125.00	\$100.00	\$100.00	\$100.00	\$100.00
62	4	VIVDS Camera Assembly	\$1,300.00	\$5,200.00	\$3,200.00	\$12,800.00	\$1,250.00	\$5,000.00
63	1	VIVDS Set-Up System	\$200.00	\$200.00	\$100.00	\$100.00	\$250.00	\$250.00
64	1020	VIVDS Communication Cable	\$1.75	\$1,785.00	\$2.00	\$2,040.00	\$1.80	\$1,836.00
<b>SUB BASE BID FOR TRAFFIC SIGNAL INSTALLATION:</b>				<b>\$99,214.80</b>		<b>\$119,405.00</b>		<b>\$104,669.45</b>
<b>Total Bid for Traffic Signal to Serve the Intersection of West Airport Boulevard @ Old Richmond Road</b>				<b>\$132,611.15</b>		<b>\$151,811.35</b>		<b>\$144,253.00</b>