

RM 1431 at Texas Crushed Stone Traffic Signal
BID TABULATION

ITEM NO.	DESC. CODE	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		ATS Estimate	
					UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
0416	6032	DRILL SHAFT (TRF SIG POLE) (36")	LF	53	\$240.00	\$12,720.00	\$390.00	\$20,670.00
0500	6001	MOBILIZATION	LS	1	\$15,000.00	\$15,000.00	\$17,000.00	\$17,000.00
0502	6001	BARRICADE, SIGN, AND TRAFFIC HANDLING	MO	2	\$7,250.00	\$14,500.00	\$2,000.00	\$4,000.00
0618	6042	CONDT (PVC) (SCHD 80) (1 1/4")	LF	100	\$13.00	\$1,300.00	\$19.00	\$1,900.00
0618	6047	CONDT (PVC) (SCHD 80) (2")	LF	80	\$16.00	\$1,280.00	\$25.00	\$2,000.00
0618	6053	CONDT (PVC) (SCHD 80) (3")	LF	45	\$26.00	\$1,170.00	\$30.00	\$1,350.00
0620	6007	ELEC CONDUCTOR (NO. 8) BARE	LF	100	\$2.00	\$200.00	\$1.70	\$170.00
0620	6008	ELEC CONDUCTOR (NO. 8) INSULATED	LF	1480	\$2.50	\$3,700.00	\$1.80	\$2,664.00
0620	6009	ELEC CONDUCTOR (NO. 6) BARE	LF	15	\$2.00	\$30.00	\$4.00	\$60.00
0620	6010	ELEC CONDUCTOR (NO. 6) INSULATED	LF	30	\$2.00	\$60.00	\$6.00	\$180.00
0624	6010	GROUND BOX TY D (162922) W/APRON	EA	1	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
0625	6003	ZINC-COAT STL WIRE STRAND(3/8")	LF	840	\$4.00	\$3,360.00	\$2.00	\$1,680.00
0628	6213	ELC SRV TY D 120/240 100 (NS)AL(E)PS(U)	EA	1	\$6,500.00	\$6,500.00	\$6,000.00	\$6,000.00
0644	6004	INS SM RD SN SUP&AM TY 10BWG(1) SA(T)	EA	1	\$500.00	\$500.00	\$1,300.00	\$1,300.00
0666	6003	REFL PAV MRK TY I (W) 4" (BRK)(100MIL)	LF	475	\$1.00	\$475.00	\$2.00	\$950.00
0666	6036	REFL PAV MRK TY I (W) 8"(SLD)(100MIL)	LF	200	\$2.00	\$400.00	\$3.00	\$600.00
0666	6048	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	LF	135	\$5.00	\$675.00	\$20.00	\$2,700.00
0666	6054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	4	\$100.00	\$400.00	\$310.00	\$1,240.00
0666	6078	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	4	\$150.00	\$600.00	\$355.00	\$1,420.00
0666	6126	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL)	LF	5600	\$1.50	\$8,400.00	\$1.20	\$6,720.00
0666	6141	REFL PAV MRK TY I (Y) 12" (SLD)(100MIL)	LF	460	\$3.00	\$1,380.00	\$11.00	\$5,060.00
0666	6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	1940	\$0.50	\$970.00	\$2.00	\$3,880.00
0672	6007	REFL PAV MRKR TY I-C	EA	47	\$4.00	\$188.00	\$14.00	\$658.00
0672	6013	REFL PAV MRKR TY II-AA	EA	168	\$4.00	\$672.00	\$15.00	\$2,520.00
0677	6001	ELIM EXT PAV MRK & MRKS (4")	LF	6130	\$0.20	\$1,226.00	\$1.60	\$9,808.00
0677	6003	ELIM EXT PAV MRK & MRKS (8")	LF	1350	\$0.50	\$675.00	\$3.00	\$4,050.00
0677	6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	1	\$80.00	\$80.00	\$600.00	\$600.00
0677	6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	1	\$90.00	\$90.00	\$600.00	\$600.00
0678	6001	PAV SURF PREP FOR MRK (4")	LF	8015	\$0.30	\$2,404.50	\$0.02	\$160.30
0678	6004	PAV SURF PREP FOR MRK (8")	LF	200	\$0.50	\$100.00	\$0.04	\$8.00
0678	6006	PAV SURF PREP FOR MRK (12")	LF	460	\$1.00	\$460.00	\$0.08	\$36.80
0678	6008	PAV SURF PREP FOR MRK (24")	LF	135	\$2.00	\$270.00	\$0.20	\$27.00
0678	6009	PAV SURF PREP FOR MRK (ARROW)	EA	4	\$20.00	\$80.00	\$25.00	\$100.00
0678	6016	PAV SURF PREP FOR MRK (WORD)	EA	4	\$20.00	\$80.00	\$25.00	\$100.00
0680	6003	INSTAL OF HWY TRAF SIG (ISOLATED)	EA	1	\$28,000.00	\$28,000.00	\$18,000.00	\$18,000.00
0682	6001	VEH SIG SEC (12") LED (GRN)	EA	6	\$300.00	\$1,800.00	\$225.00	\$1,350.00
0682	6002	VEH SIG SEC (12") LED (GRN ARW)	EA	1	\$300.00	\$300.00	\$225.00	\$225.00
0682	6003	VEH SIG SEC (12") LED (YEL)	EA	6	\$300.00	\$1,800.00	\$225.00	\$1,350.00
0682	6004	VEH SIG SEC (12") LED (YEL ARW)	EA	1	\$300.00	\$300.00	\$225.00	\$225.00
0682	6005	VEH SIG SEC (12") LED (RED)	EA	6	\$300.00	\$1,800.00	\$225.00	\$1,350.00
0682	6006	VEH SIG SEC (12") LED (RED ARW)	EA	1	\$300.00	\$300.00	\$225.00	\$225.00
0682	6029	BACK PLATE (12") (3 SEC)	EA	7	\$100.00	\$700.00	\$63.00	\$441.00
0684	6031	TRF SIG CBL (TY A)(14 AWG)(5 CONDR)	LF	710	\$1.50	\$1,065.00	\$3.00	\$2,130.00
0684	6032	TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	LF	485	\$2.00	\$970.00	\$4.00	\$1,940.00
0686	6007	INS TRF SIG PL AM (S)STR(TY B)	EA	1	\$5,000.00	\$5,000.00	\$3,507.00	\$3,507.00
0686	6008	INS TRF SIG PL AM (S)STR(TY B)LUM	EA	3	\$6,000.00	\$18,000.00	\$5,451.00	\$16,353.00
6002	6001	VIVDS PROCESSOR SYSTEM	EA	1	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00
6002	6002	VIVDS CAMERA ASSEMBLY	EA	3	\$2,000.00	\$6,000.00	\$1,600.00	\$4,800.00
6002	6003	VIVDS SET-UP SYSTEM	EA	1	\$1,000.00	\$1,000.00	\$350.00	\$350.00
6002	6005	VIVDS COMMUNICATION CABLE (SIAM) (COAXIAL)	LF	555	\$4.00	\$2,220.00	\$3.00	\$1,665.00
6010		PTZ CAMERA ASSEMBLY AND ETHERNET CABLE	EA	1	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00
6054	6004	ANTENNA	EA	1	\$450.00	\$450.00	\$255.00	\$255.00
6077	6001	5 GHZ ETHERNET RADIO 2.4/5.8 GHZ	EA	1	\$2,800.00	\$2,800.00	\$2,100.00	\$2,100.00
6089		ETHERNET CABLE AND CONNECTORS	LF	45	\$6.00	\$270.00	\$5.00	\$225.00
6525		EMERGENCY PREEMPTION PHASE SELECTOR (4-CHANNEL)	EA	1	\$4,500.00	\$4,500.00	\$3,400.00	\$3,400.00
6525		EMERGENCY PREEMPTION DETECTOR	EA	2	\$2,500.00	\$5,000.00	\$1,200.00	\$2,400.00
6525		EMERGENCY PREEMPTION DETECTOR CABLE (4/C SHLD)	LF	330	\$2.00	\$660.00	\$3.00	\$990.00

TOTAL: **\$171,380.50** TOTAL: **\$176,493.10**
DIFFERENCE FROM ENGINEER'S ESTIMATE: \$5,112.60
% INCREASE FROM ENGINEER'S ESTIMATE: 2.98%

Old Settlers at Kenney Fort Traffic Signal
BID TABULATION

ITEM NO.	DESC. CODE	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		ATS Estimate	
					UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
0416	6002	DRILL SHAFT (24")	LF	18	\$74.00	\$1,332.00	\$180.00	\$3,240.00
0416	6032	DRILL SHAFT (TRF SIG POLE) (36")	LF	42	\$240.00	\$10,080.00	\$400.00	\$16,800.00
0500	6081	MOBILIZATION	LS	1	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00
0502	6001	BARRICADE, SIGN, AND TRAFFIC HANDLING	MO	3	\$7,250.00	\$21,750.00	\$2,600.00	\$7,800.00
0529	6007	CONC CURB & GUTTER (TY I)	LF	500	\$25.00	\$12,500.00	\$23.00	\$11,500.00
0531	6004	CURB RAMPS (TY 1)	EA	1	\$1,100.00	\$1,100.00	\$3,700.00	\$3,700.00
0536	6002	CONC MEDIAN	SY	111	\$100.00	\$11,100.00	\$95.00	\$10,545.00
0618	6042	CONDT (PVC) (SCHD 80) (1 1/4")	LF	10	\$13.00	\$130.00	\$12.00	\$120.00
0618	6046	CONDT (PVC) (SCHD 80) (2")	LF	105	\$8.00	\$840.00	\$13.00	\$1,365.00
0618	6047	CONDT (PVC) (SCHD 80) (2") (BORE)	LF	320	\$16.00	\$5,120.00	\$50.00	\$16,000.00
0618	6053	CONDT (PVC) (SCHD 80) (3")	LF	100	\$26.00	\$2,600.00	\$22.00	\$2,200.00
0618	6054	CONDT (PVC) (SCHD 80) (3") (BORE)	LF	760	\$43.00	\$32,680.00	\$56.00	\$42,560.00
0620	6007	ELEC CONDUCTOR (NO. 8) BARE	LF	1235	\$2.00	\$2,470.00	\$1.50	\$1,852.50
0620	6009	ELEC CONDUCTOR (NO. 6) BARE	LF	30	\$2.00	\$60.00	\$3.00	\$90.00
0620	6010	ELEC CONDUCTOR (NO. 6) INSULATED	LF	60	\$2.00	\$120.00	\$4.00	\$240.00
0624	6010	GROUND BOX TY D (162922) W/APRON	EA	4	\$1,000.00	\$4,000.00	\$1,700.00	\$6,800.00
0628	6213	ELC SRV TY D 120/240 100 (NS)AL(E)PS(U)	EA	1	\$6,500.00	\$6,500.00	\$6,000.00	\$6,000.00
0644	6001	IN SM RD SN SUP&AM TY10BWWG(1)SA(P)	EA	1	\$438.00	\$438.00	\$1,200.00	\$1,200.00
0666	6036	REFL PAV MRK TY I (W) 8"(SLD)(100MIL)	LF	320	\$2.00	\$640.00	\$6.00	\$1,920.00
0666	6042	REFL PAV MRK TY I (W) 12"(SLD)(100MIL)	LF	145	\$2.00	\$290.00	\$15.00	\$2,175.00
0666	6048	REFL PAV MRK TY I (W) 24"(SLD)(100MIL)	LF	80	\$5.00	\$400.00	\$20.00	\$1,600.00
0666	6054	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	2	\$100.00	\$200.00	\$225.00	\$450.00
0666	6078	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	2	\$150.00	\$300.00	\$230.00	\$460.00
0677	6001	ELIM EXT PAV MRK & MRKS (4")	LF	820	\$0.30	\$246.00	\$1.40	\$1,148.00
0677	6005	ELIM EXT PAV MRK & MRKS (12")	LF	235	\$2.00	\$470.00	\$4.00	\$940.00
0678	6004	PAV SURF PREP FOR MRK (8")	LF	320	\$0.50	\$160.00	\$0.05	\$16.00
0678	6006	PAV SURF PREP FOR MRK (12")	LF	145	\$1.00	\$145.00	\$0.10	\$14.50
0678	6008	PAV SURF PREP FOR MRK (24")	LF	80	\$2.00	\$160.00	\$0.20	\$16.00
0678	6009	PAV SURF PREP FOR MRK (ARROW)	EA	2	\$20.00	\$40.00	\$25.00	\$50.00
0678	6016	PAV SURF PREP FOR MRK (WORD)	EA	2	\$20.00	\$40.00	\$25.00	\$50.00
0680	6002	INSTAL OF HWY TRAF SIG (ISOLATED)	EA	1	\$25,000.00	\$25,000.00	\$21,000.00	\$21,000.00
0682	6001	VEH SIG SEC (12") LED (GRN)	EA	6	\$300.00	\$1,800.00	\$250.00	\$1,500.00
0682	6002	VEH SIG SEC (12") LED (GRN ARW)	EA	2	\$300.00	\$600.00	\$250.00	\$500.00
0682	6003	VEH SIG SEC (12") LED (YEL)	EA	6	\$300.00	\$1,800.00	\$250.00	\$1,500.00
0682	6004	VEH SIG SEC (12") LED (YEL ARW)	EA	2	\$300.00	\$600.00	\$250.00	\$500.00
0682	6005	VEH SIG SEC (12") LED (RED)	EA	6	\$300.00	\$1,800.00	\$250.00	\$1,500.00
0682	6006	VEH SIG SEC (12") LED (RED ARW)	EA	1	\$300.00	\$300.00	\$250.00	\$250.00
0682	6018	PED SIG SEC (LED)(COUNTDOWN)	EA	4	\$579.79	\$2,319.16	\$540.00	\$2,160.00
0682	6023	BACK PLATE (12") (3 SEC)	EA	5	\$83.40	\$417.00	\$58.00	\$290.00
0682	6025	BACK PLATE (12") (5 SEC)	EA	2	\$97.90	\$195.80	\$75.00	\$150.00
0684	6008	TRF SIG CBL (TY A)(12 AWG)(3 CONDR)	LF	475	\$1.00	\$475.00	\$2.00	\$950.00
0684	6028	TRF SIG CBL (TY A)(14 AWG)(2 CONDR)	LF	305	\$1.16	\$353.80	\$1.00	\$305.00
0684	6031	TRF SIG CBL (TY A)(14 AWG)(5 CONDR)	LF	550	\$1.50	\$825.00	\$3.00	\$1,650.00
0684	6033	TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	LF	115	\$2.00	\$230.00	\$4.00	\$460.00
0684		TRF SIG CBL (TY C)(12 AWG)(20 CONDR)	LF	385	\$4.00	\$1,540.00	\$5.00	\$1,925.00
0686	6042	INS TRF SIG PL AM(S) 1 ARM (40')ILSN	EA	1	\$5,600.00	\$5,600.00	\$8,306.00	\$8,306.00
0686	6046	INS TRF SIG PL AM(S) 1 ARM (44')ILSN	EA	1	\$5,800.00	\$5,800.00	\$9,000.00	\$9,000.00
0686	6050	INS TRF SIG PL AM(S) 1 ARM (48')ILSN	EA	1	\$6,000.00	\$6,000.00	\$9,100.00	\$9,100.00
0687	6001	PED POLE ASSEMBLY	EA	3	\$1,870.00	\$5,610.00	\$3,400.00	\$10,200.00
0688	6001	PED DETECT PUSH BUTTON (APS)	EA	4	\$1,100.00	\$4,400.00	\$742.00	\$2,968.00
6002	6001	VIVDS PROCESSOR SYSTEM	EA	1	\$5,000.00	\$5,000.00	\$8,077.00	\$8,077.00
6002	6002	VIVDS CAMERA ASSEMBLY	EA	3	\$2,000.00	\$6,000.00	\$1,700.00	\$5,100.00
6002	6003	VIVDS SET-UP SYSTEM	EA	1	\$1,000.00	\$1,000.00	\$350.00	\$350.00
6002	6005	VIVDS COMMUNICATION CABLE (SIAM) (COAXIAL)	LF	520	\$3.00	\$1,560.00	\$3.00	\$1,560.00
6010		PTZ CAMERA ASSEMBLY AND ETHERNET CABLE	EA	1	\$2,500.00	\$2,500.00	\$4,100.00	\$4,100.00
6054	6004	ANTENNA	EA	1	\$450.00	\$450.00	\$255.00	\$255.00
6077	6001	5 GHZ ETHERNET RADIO 2.4/5.8 GHZ	EA	1	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00
6089		ETHERNET CABLE AND CONNECTORS	LF	50	\$6.00	\$300.00	\$5.00	\$250.00
6090	6002	ILSN (LED)(8 D)	EA	3	\$3,000.00	\$9,000.00	\$2,800.00	\$8,400.00
6525		EMERGENCY PREEMPTION PHASE SELECTOR (4-CHANNEL)	EA	1	\$4,500.00	\$4,500.00	\$4,300.00	\$4,300.00
6525		EMERGENCY PREEMPTION DETECTOR (DUAL CHANNEL)	EA	2	\$2,500.00	\$5,000.00	\$1,200.00	\$2,400.00
6525		EMERGENCY PREEMPTION DETECTOR CABLE (4/C SHLD)	LF	555	\$2.00	\$1,110.00	\$2.00	\$1,110.00

TOTAL: \$240,796.76 TOTAL: \$278,468.00 (Corrected)

DIFFERENCE FROM ENGINEER'S ESTIMATE: \$37,671.24

% INCREASE FROM ENGINEER'S ESTIMATE: 15.64%

GRAND TOTAL: \$176,493.10 + \$278,468.00 = **\$454,961.10**