



City of Tulsa Purchasing Department
175 E. 2nd Street 15th Floor
Tulsa, OK 74103

TAC 1058B
Highway Lighting Materials & Repair Services
Streets & Stormwater Department
Bid Date: February 20, 2020

Senior Buyer: Ashleigh McCarn
amccarn@cityoftulsa.org
Please contact if you have any questions

1. Delivery:

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2. Pricing

(ESTIMATED QUANTITIES FOR EVALUATION PURPOSES ONLY)

				Traffic & Lighting Systems, LLC.	
SECTION 1 Item	Description	Estimated Annual Quantity	Unit	Unit Cost	Extended Cost
A	Conduit and Underground Infrastructure				
A.1	Pull Box, COT Type I	10	EA	\$275.00	\$2,750.00
A.2	Pull Box, COT Type II	10	EA	\$465.00	\$4,650.00
A.3	Pull Box, COT Type III	10	EA	\$920.00	\$9,200.00
A.4	Pull Box, COT Type I, Locking Lid	10	EA	\$480.00	\$4,800.00
A.5	Pull Box, COT Type II, Locking Lid	10	EA	\$510.00	\$5,100.00
A.6	Pull Box, COT Type III, Locking Lid	10	EA	\$770.00	\$7,700.00
A.7	Pull Box, Security Bolts	10	EA	\$41.00	\$410.00
A.8	Pull Box, Security Installation Hardware or Key	10	EA	\$34.00	\$340.00
A.9	Pull Box Apron	10	EA	\$100.00	\$1,000.00
A.10	1" PVC Schedule 40 Plastic Conduit	1000	LF	\$0.41	\$410.00
A.11	1" PVC Schedule 40 Plastic Conduit – 45 degree elbows	10	EA	\$0.75	\$7.50
A.12	1" PVC Schedule 40 Plastic Conduit – 90 degree elbows	10	EA	\$0.80	\$8.00
A.13	1" PVC Schedule 40 Plastic Conduit – Male connectors	10	EA	\$0.32	\$3.20
A.14	1" PVC Schedule 40 Plastic Conduit – Female connectors	10	EA	\$0.37	\$3.70
A.15	2" PVC Schedule 40 Plastic Conduit	5000	LF	\$0.80	\$4,000.00
A.16	2" PVC Schedule 40 Plastic Conduit – 45 degree elbows	10	EA	\$1.80	\$18.00
A.17	2" PVC Schedule 40 Plastic Conduit – 90 degree elbows	20	EA	\$2.05	\$41.00
A.18	2" PVC Schedule 40 Plastic Conduit – Male connectors	20	EA	\$0.75	\$15.00
A.19	2" PVC Schedule 40 Plastic Conduit – Female connectors	10	EA	\$0.75	\$7.50
A.20	3" PVC Schedule 40 Plastic Conduit	1000	LF	\$1.60	\$1,600.00
A.21	3" PVC Schedule 40 Plastic Conduit – 45 degree elbows	10	EA	\$6.00	\$60.00
A.22	3" PVC Schedule 40 Plastic Conduit – 90 degree elbows	10	EA	\$6.30	\$63.00
A.23	3" PVC Schedule 40 Plastic Conduit – Male connectors	10	EA	\$1.85	\$18.50
A.24	3" PVC Schedule 40 Plastic Conduit – Female connectors	10	EA	\$1.75	\$17.50



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				Traffic & Lighting Systems, LLC.	
A.25	1/2" Rigid Galvanized Steel Electrical Conduit	100	LF	\$2.30	\$230.00
A.26	1/2" Rigid Galvanized Steel Electrical Conduit – Bushing	10	EA	\$0.40	\$4.00
A.27	1" Rigid Galvanized Steel Electrical Conduit	100	LF	\$3.75	\$375.00
A.28	1" Rigid Galvanized Steel Electrical Conduit – 45 degree elbows	10	EA	\$6.25	\$62.50
A.29	1" Rigid Galvanized Steel Electrical Conduit – 90 degree elbows	10	EA	\$6.25	\$62.50
A.30	1" Rigid Galvanized Steel Electrical Conduit – C Conduit bodies	10	EA	\$18.00	\$180.00
A.31	1" Rigid Galvanized Steel Electrical Conduit – LB Conduit bodies	10	EA	\$18.50	\$185.00
A.32	1" Rigid Galvanized Steel Electrical Conduit – LR Conduit bodies	10	EA	\$19.35	\$193.50
A.33	1" Rigid Galvanized Steel Electrical Conduit – LL Conduit bodies	10	EA	\$19.35	\$193.50
A.34	1" Rigid Galvanized Steel Electrical Conduit – One Hole Straps	10	EA	\$0.25	\$2.50
A.35	1" Rigid Galvanized Steel Electrical Conduit – One-hole Malleable Straps	10	EA	\$1.05	\$10.50
A.36	1" Rigid Galvanized Steel Electrical Conduit – Two Hole Rigid Conduit Strap	10	EA	\$4.05	\$40.50
A.37	1" Rigid Galvanized Steel Electrical Conduit – Expansion Joint with 4" movement	10	EA	\$130.00	\$1,300.00
A.38	Steel Lock Ring for 1" conduit	10	EA	\$0.15	\$1.50
A.39	Zinc Set Screw Grounding (Bonding) Bushing for 1" conduit	10	EA	\$5.00	\$50.00
A.40	1-1/4" Rigid Galvanized Steel Electrical Conduit	200	LF	\$5.50	\$1,100.00
A.41	1-1/4" Rigid Galvanized Steel Electrical Conduit – 45 degree elbows	30	EA	\$8.60	\$258.00
A.42	1-1/4" Rigid Galvanized Steel Electrical Conduit – 90 degree elbows	30	EA	\$8.60	\$258.00
A.43	1-1/4" Rigid Galvanized Steel Electrical Conduit – C Conduit bodies	10	EA	\$31.50	\$315.00
A.44	1-1/4" Rigid Galvanized Steel Electrical Conduit – LB Conduit bodies	10	EA	\$31.50	\$315.00
A.45	1-1/4" Rigid Galvanized Steel Electrical Conduit – LR Conduit bodies	10	EA	\$31.50	\$315.00
A.46	1-1/4" Rigid Galvanized Steel Electrical Conduit – LL Conduit bodies	10	EA	\$31.50	\$315.00
A.47	1-1/4" Rigid Galvanized Steel Electrical Conduit – One Hole Straps	200	EA	\$0.35	\$70.00
A.48	1-1/4" Rigid Galvanized Steel Electrical Conduit – One-hole Malleable Straps	10	EA	\$1.50	\$15.00
A.49	1-1/4" Rigid Galvanized Steel Electrical Conduit – Two Hole Rigid Conduit Strap	200	EA	\$0.20	\$40.00
A.50	1-1/4" Rigid Galvanized Steel Electrical Conduit – Expansion Joint with 4" movement	10	EA	\$165.00	\$1,650.00
A.51	Steel Lock Ring for 1-1/4" conduit	200	EA	\$0.20	\$40.00



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				Traffic & Lighting Systems, LLC.	
A.52	Zinc Set Screw Grounding (Bonding) Bushing for 1-1/4" conduit	10	EA	\$6.30	\$63.00
A.53	2" Rigid Galvanized Steel Electrical Conduit	200	LF	\$7.60	\$1,520.00
A.54	2" Rigid Galvanized Steel Electrical Conduit – 45 degree elbows	10	EA	\$15.00	\$150.00
A.55	2" Rigid Galvanized Steel Electrical Conduit – 90 degree elbows	10	EA	\$15.00	\$150.00
A.56	2"1 Rigid Galvanized Steel Electrical Conduit – C Conduit bodies	10	EA	\$60.00	\$600.00
A.57	2" Rigid Galvanized Steel Electrical Conduit – LB Conduit bodies	10	EA	\$60.00	\$600.00
A.58	2" Rigid Galvanized Steel Electrical Conduit – LR Conduit bodies	10	EA	\$60.00	\$600.00
A.59	2" Rigid Galvanized Steel Electrical Conduit – LL Conduit bodies	10	EA	\$60.00	\$600.00
A.60	2" Rigid Galvanized Steel Electrical Conduit – One Hole Straps	20	EA	\$0.75	\$15.00
A.61	2" Rigid Galvanized Steel Electrical Conduit – One-hole Malleable Straps	10	EA	\$3.40	\$34.00
A.62	2" Rigid Galvanized Steel Electrical Conduit – Two Hole Rigid Conduit Strap	10	EA	\$0.45	\$4.50
A.63	2" Rigid Galvanized Steel Electrical Conduit – Expansion Joint with 4" movement	10	EA	\$225.00	\$2,250.00
A.64	Steel Lock Ring for 2" conduit	40	EA	\$0.40	\$16.00
A.65	Zinc Set Screw Grounding (Bonding) Bushing for 2" conduit	40	EA	\$9.50	\$380.00
A.66	2-1/2" Rigid Galvanized Steel Electrical Conduit	100	LF	\$14.20	\$1,420.00
A.67	2-1/2" Rigid Galvanized Steel Electrical Conduit – 45 degree elbows	10	EA	\$24.50	\$245.00
A.68	2-1/2" Rigid Galvanized Steel Electrical Conduit – 90 degree elbows	10	EA	\$24.50	\$245.00
A.69	2-1/2"1 Rigid Galvanized Steel Electrical Conduit – C Conduit bodies	10	EA	\$110.00	\$1,100.00
A.70	2-1/2" Rigid Galvanized Steel Electrical Conduit – LB Conduit bodies	10	EA	\$120.00	\$1,200.00
A.71	2-1/2" Rigid Galvanized Steel Electrical Conduit – LR Conduit bodies	10	EA	\$120.00	\$1,200.00
A.72	2-1/2" Rigid Galvanized Steel Electrical Conduit – LL Conduit bodies	10	EA	\$120.00	\$1,200.00
A.73	2-1/2" Rigid Galvanized Steel Electrical Conduit – One Hole Straps	10	EA	\$1.55	\$15.50
A.74	2-1/2" Rigid Galvanized Steel Electrical Conduit – One-hole Malleable Straps	10	EA	\$7.30	\$73.00
A.75	2-1/2" Rigid Galvanized Steel Electrical Conduit – Two Hole Rigid Conduit Strap	10	EA	\$0.40	\$4.00
A.76	2-1/2" Rigid Galvanized Steel Electrical Conduit – Expansion Joint with 4" movement	10	EA	\$360.00	\$3,600.00
A.77	Steel Lock Ring for 2-1/2" conduit	100	EA	\$1.00	\$100.00
A.78	Zinc Set Screw Grounding (Bonding) Bushing for 2-1/2" conduit	40	EA	\$14.20	\$568.00



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				Traffic & Lighting Systems, LLC.	
A.79	3" Rigid Galvanized Steel Electrical Conduit	100	LF	\$16.10	\$1,610.00
A.80	3" Rigid Galvanized Steel Electrical Conduit – 45 degree elbows	10	EA	\$36.00	\$360.00
A.81	3" Rigid Galvanized Steel Electrical Conduit – 90 degree elbows	10	EA	\$36.00	\$360.00
A.82	3" Rigid Galvanized Steel Electrical Conduit – Sweeping 90 degree elbows	10	EA	\$170.00	\$1,700.00
A.83	3" Rigid Galvanized Steel Electrical Conduit – C Conduit bodies	10	EA	\$140.00	\$1,400.00
A.84	3" Rigid Galvanized Steel Electrical Conduit – LB Conduit bodies	10	EA	\$155.00	\$1,550.00
A.85	3" Rigid Galvanized Steel Electrical Conduit – LR Conduit bodies	10	EA	\$155.00	\$1,550.00
A.86	3" Rigid Galvanized Steel Electrical Conduit – LL Conduit bodies	10	EA	\$155.00	\$1,550.00
A.87	3" Rigid Galvanized Steel Electrical Conduit – One Hole Straps	10	EA	\$1.85	\$18.50
A.88	3" Rigid Galvanized Steel Electrical Conduit – One-hole Malleable Straps	10	EA	\$9.85	\$98.50
A.89	3" Rigid Galvanized Steel Electrical Conduit – Two Hole Rigid Conduit Strap	10	EA	\$0.60	\$6.00
A.90	3" Rigid Galvanized Steel Electrical Conduit – Expansion Joint with 4" movement	10	EA	\$415.00	\$4,150.00
A.91	Steel Lock Ring for 3" conduit	50	EA	\$1.25	\$62.50
A.92	Zinc Set Screw Grounding (Bonding) Bushing for 3" conduit	10	EA	\$19.50	\$195.00
A.93	1" Plastic Coated Rigid Steel Electrical Conduit	50	LF	\$6.85	\$342.50
A.94	1" Plastic Coated Rigid Steel Electrical Conduit – 90 Degree Bend	10	EA	\$22.50	\$225.00
A.95	1" Plastic Coated Rigid Steel Electrical Conduit – 45 Degree Bend	10	EA	\$21.00	\$210.00
A.96	1" Plastic Coated Rigid Metallic Conduit Body	10	EA	\$114.00	\$1,140.00
A.97	1" Plastic Coated Rigid Metallic Conduit Expansion Joint Fitting	10	EA	\$395.00	\$3,950.00
A.98	1" Plastic Coated Rigid Metallic Conduit Coupling	10	EA	\$7.15	\$71.50
A.99	1" Plastic Coated Rigid Metallic One Hole Conduit Strap	10	EA	\$13.65	\$136.50
A.100	1" Plastic Coated Rigid Steel Electrical Outdoor Junction Box	10	EA	\$170.00	\$1,700.00
A.101	2" Plastic Coated Rigid Steel Electrical Conduit	50	LF	\$14.50	\$725.00
A.102	2" Plastic Coated Rigid Steel Electrical Conduit – 90 Degree Bend	10	EA	\$51.00	\$510.00
A.103	2" Plastic Coated Rigid Steel Electrical Conduit – 45 Degree Bend	10	EA	\$51.00	\$510.00
A.104	2" Plastic Coated Rigid Metallic Conduit Body	10	EA	\$195.00	\$1,950.00
A.105	2" Plastic Coated Rigid Metallic Conduit Expansion Joint Fitting	10	EA	\$895.00	\$8,950.00



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				Traffic & Lighting Systems, LLC.	
A.106	2" Plastic Coated Rigid Metallic Conduit Coupling	10	EA	\$13.50	\$135.00
A.107	2" Plastic Coated Rigid Metallic One Hole Conduit Strap	10	EA	\$27.00	\$270.00
A.108	6" X 6" X4" Stainless Steel Junction Box, Outdoor Rated, lockable	50	EA	\$185.00	\$9,250.00
A.109	8" X 8" X6" Stainless Steel Junction Box, Outdoor Rated, lockable	50	EA	\$310.00	\$15,500.00
A.110	1" Aluminum Rigid Conduit	50	LF	\$2.20	\$110.00
A.111	1" Aluminum Rigid – 45 degree bend	10	EA	\$9.10	\$91.00
A.112	1" Aluminum Rigid – 90 degree bend	10	EA	\$9.10	\$91.00
A.113	1" Aluminum Rigid Couplings	10	EA	\$2.85	\$28.50
A.114	2" Aluminum Rigid Conduit	50	LF	\$4.90	\$245.00
A.115	2" Aluminum Rigid Conduit– 45 degree bend	10	EA	\$28.25	\$282.50
A.116	2" Aluminum Rigid Conduit– 90 degree bend	10	EA	\$28.25	\$282.50
A.117	2" Aluminum Rigid Couplings	10	EA	\$5.65	\$56.50
A.118	1" Liquidtight Flexible Metallic Conduit	50	LF	\$1.40	\$70.00
A.119	1" Metallic Straight Liquidtight Connector	10	EA	\$4.00	\$40.00
A.120	1" Metallic 45 degree Liquidtight Connector	10	9.7	\$9.75	\$97.50
A.121	1" Metallic 90 degree Liquidtight Connector	10	EA	\$9.75	\$97.50
A.122	1-1/4" Liquidtight Flexible Metallic Conduit	50	LF	\$1.75	\$87.50
A.123	1-1/4" Metallic Straight Liquidtight Connector	10	EA	\$6.85	\$68.50
A.124	1-1/4" Metallic 45 degree Liquidtight Connector	10	EA	\$14.00	\$140.00
A.125	1-1/4" Metallic 90 degree Liquidtight Connector	10	EA	\$15.00	\$150.00
A.126	2" Liquidtight Flexible Metallic Conduit	50	LF	\$4.05	\$202.50
A.127	2" Metallic Straight Liquidtight Connector	10	EA	\$17.75	\$177.50
A.128	2" Metallic 45 degree Liquidtight Connector	10	EA	\$24.85	\$248.50
A.129	2" Metallic 90 degree Liquidtight Connector	10	EA	\$24.85	\$248.50
A.130	1/4" X2-1/2" Stainless Steel Wedge Anchors	10	EA	\$3.25	\$32.50
A.131	1/2" X3-3/4" Stainless Steel Wedge Anchors	10	EA	\$11.00	\$110.00
A.132	3/8" X 3-1/2" Stainless Steel Wedge Anchors	10	EA	\$4.00	\$40.00



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				Traffic & Lighting Systems, LLC.	
A.133	3"- 2-1/2" Reducing Bushings	10	EA	\$18.10	\$181.00
A.134	1/2" Bushings	10	EA	\$0.05	\$0.50
A.135	2-1/2" Bushings	10	EA	\$14.10	\$141.00
A.136	1" Ground Bushings	10	EA	\$5.00	\$50.00
A.137	1-1/4" Ground Bushings	10	EA	\$6.30	\$63.00
A.138	2" Ground Bushings	10	EA	\$9.30	\$93.00
A.139	2-1/2" Ground Bushings	10	EA	\$14.10	\$141.00
A.140	3" Ground Bushings	10	EA	\$27.25	\$272.50
B	Wiring Materials				
B.1	1/C #12 Copper THWN Electrical Conductor, Black, Solid	10000	LF	\$0.15	\$1,500.00
B.2	1/C #12 Copper THWN Electrical Conductor, White, Solid	10000	LF	\$0.15	\$1,500.00
B.3	1/C #12 Copper THWN Electrical Conductor, Green, Solid	10000	LF	\$0.15	\$1,500.00
B.4	1/C #4 Aluminum XHHW Electrical Conductor, Black	175000	LF	\$0.22	\$38,500.00
B.5	1/C #4 Aluminum XHHW Electrical Conductor, White	175000	LF	\$0.22	\$38,500.00
B.6	1/C #4 Aluminum XHHW Electrical Conductor, Green	175000	LF	\$0.22	\$38,500.00
B.7	1/C #4 Copper Solid Bare Wire	50	LF	\$0.85	\$42.50
B.8	1/C #6 Copper Solid Bare Wire	50	LF	\$0.55	\$27.50
B.9	#4 Butt Splices	500	EA	\$3.50	\$1,750.00
C	Poles				
C.1	Lighting, 40' Galvanized Pole and 10' HLMA	1	EA	\$2,500.00	\$2,500.00
C.2	Lighting, 40' Galvanized Pole, Tenon Top	1	EA	\$2,600.00	\$2,600.00
C.3	Lighting, 40' Galvanized Tenon Arm, Single	1	EA	\$2,600.00	\$2,600.00
C.4	Lighting, 40' Galvanized Tenon Arm, Double	1	EA	\$2,600.00	\$2,600.00
C.5	Lighting, 40' Galvanized Pole and 10' HLMA, Powder Coated Black	1	EA	\$3,810.00	\$3,810.00
C.6	Lighting, 40' Galvanized Pole, Tenon Top, Powder Coated Black	1	EA	\$2,700.00	\$2,700.00
C.7	Lighting, 40' Galvanized Tenon Arm, Single, Powder Coated Black	1	EA	\$2,600.00	\$2,600.00
C.8	Lighting, 40' Galvanized Tenon Arm, Double, Powder Coated Black	1	EA	\$2,700.00	\$2,700.00



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				Traffic & Lighting Systems, LLC.	
C.9	Lighting, 35' Wood Pole	1	EA	\$610.00	\$610.00
C.10	Lighting, 150' High Mast Pole	1	EA	\$34,000.00	\$34,000.00
C.11	Lighting, 130' High Mast Pole	1	EA	\$29,000.00	\$29,000.00
C.12	Lighting, High Mast Lowering Device	1	EA	\$13,400.00	\$13,400.00
C.13	Lighting, High Mast Tower Breaker, 600V-20 Amp	50	EA	\$795.00	\$39,750.00
C.14	Lighting, High Mast Tower Breaker, 600V-25 Amp	1	EA	\$795.00	\$795.00
C.15	Lighting, High Mast Tower Breaker, 600V-30 Amp	50	EA	\$795.00	\$39,750.00
C.16	Lighting, High Mast 10/3 SO Cord	2000	LF	\$1.35	\$2,700.00
C.17	Dead-End Grips for Tower	10	EA	\$57.00	\$570.00
D	Transformer Base Parts				
D.1	Breakaway Transformer Base, TB1-17	100	EA	\$400.00	\$40,000.00
D.2	Breakaway Transformer Base, TB3-17	50	EA	\$610.00	\$30,500.00
D.3	Breakaway Transformer Base, Install Kit	100	EA	\$50.00	\$5,000.00
D.4	Transformer Base Bonding Connection	100	EA	\$22.50	\$2,250.00
D.5	Transformer Base Wire Connectors	100	EA	\$5.00	\$500.00
D.6	Anti-theft Breakaway Transformer Base Door (for TB1-17)	500	EA	\$100.00	\$50,000.00
D.7	Anti-theft Breakaway Transformer Base Door (for TB3-17)	500	EA	\$100.00	\$50,000.00
D.8	Anti-theft Breakaway Transformer Base Door (for AB Chance)	500	EA	\$100.00	\$50,000.00
D.9	Anti-theft Breakaway Transformer Base Door (for Union Metal)	500	EA	\$100.00	\$50,000.00
D.10	Anti-theft Breakaway Transformer Base Door (for Specialized Sizes)	500	EA	\$100.00	\$50,000.00
D.11	Anti-theft Breakaway Handhole Cover	1000	EA	\$75.00	\$75,000.00
D.12	Anti-theft Breakaway Handhole Cover, Curved	1000	EA	\$75.00	\$75,000.00
D.13	Anti-theft Cabling Retainer System for Breakaway Transformer Bases	50	EA	\$165.00	\$8,250.00
D.14	Anti-theft System Security Key	20	EA	\$48.00	\$960.00
E	Lighting Controller Parts				
E.1	Lighting Controller Shorting Cap	500	EA	\$5.20	\$2,600.00
E.2	Lighting Controller Photocells	500	EA	\$14.85	\$7,425.00



City of Tulsa Purchasing Department
175 E. 2nd Street 15th Floor
Tulsa, OK 74103

TAC 1058B
Highway Lighting Materials & Repair Services
Streets & Stormwater Department
Bid Date: February 20, 2020

Senior Buyer: Ashleigh McCarn
amccarn@cityoftulsa.org
Please contact if you have any questions

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2. Pricing

(ESTIMATED QUANTITIES FOR EVALUATION PURPOSES ONLY)

				Traffic & Lighting Systems, LLC.	
E.3	Lighting Controller Photocell Base	500	EA	\$21.00	\$10,500.00
E.4	Hand-off Auto Switch (HOA) with Cover	100	EA	\$45.00	\$4,500.00
E.5	Lighting Controller Industrial Controller Transformer	50	EA	\$142.00	\$7,100.00
E.6	Lighting Controller Contactor	50	EA	\$190.00	\$9,500.00
E.7	Lighting Controller Fuse Holder, 60 Amp	50	EA	\$21.00	\$1,050.00
E.8	Lighting Controller Fuses, 60 Amp	100	EA	\$13.25	\$1,325.00
E.9	Lighting Controller NEMA Type 3R, Enclosure	10	EA	\$410.00	\$4,100.00
E.10	Lighting Controller NEMA Type 3R, Back Panel	10	EA	\$50.00	\$500.00
E.11	Handy Box with face plate for 30 mm HOA	100	EA	\$47.50	\$4,750.00
E.12	Lighting Controller Fused Disconnect Switch, 60 Amp	10	EA	\$410.00	\$4,100.00
E.13	Lighting Controller Non-Fused Disconnect Switch, 60 Amp	10	EA	\$310.00	\$3,100.00
E.14	Lighting Controller Fused Disconnect , 60 Amp	10	EA	\$405.00	\$4,050.00
E.15	Lighting Controller Non-Fused Disconnect , 60 Amp	10	EA	\$310.00	\$3,100.00
E.16	Specialized Padlock, Size 1-1/8", Steel with keys	20	EA	\$30.00	\$600.00
E.17	Specialized Padlock, Size 1-3/4", Laminated Brass with keys	20	EA	\$30.00	\$600.00
E.18	Round Hidden Shackle Lock	20	EA	\$30.00	\$600.00
E.19	Lock Hasp	20	EA	\$20.00	\$400.00
F	Electrical Service Parts				
F.1	Steel Insulator Spool Rack and Bracket, 1-Wire	10	EA	\$17.50	\$175.00
F.2	2" Service Entrance Cap (Weatherhead), Metal	10	EA	\$11.00	\$110.00
F.3	Bolt-On Hub for 1" Rigid Conduit	10	EA	\$4.00	\$40.00
F.4	Bolt-On Hub for 2" Rigid Conduit	20	EA	\$7.50	\$150.00
F.5	Disconnect Switch, Non-Fusible	10	EA	\$310.00	\$3,100.00
F.6	Disconnect Switch, Fusible With Neutral	10	EA	\$405.00	\$4,050.00
F.7	1" Zinc Offset Nipple	10	EA	\$3.50	\$35.00
F.8	2" Zinc Offset Nipple	20	EA	\$8.50	\$170.00
F.9	Electrical Service Fuse, 60 Amp, 600 Volt	10	EA	\$13.20	\$132.00



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2. Pricing

(ESTIMATED QUANTITIES FOR EVALUATION PURPOSES ONLY)

				Traffic & Lighting Systems, LLC.	
F.10	1-5/8" X 10' Galvanized Channel Strut	500	LF	\$1.85	\$925.00
F.11	7/8" X 10' Galvanized Channel Strut	500	LF	\$1.15	\$575.00
F.12	Double 1-5/8" X 10' Galvanized Channel Strut	100	LF	\$4.50	\$450.00
F.13	Unistrut T-Connectors	100	EA	\$12.10	\$1,210.00
F.14	Unistrut 4-Hole Flat L-Connectors	100	EA	\$9.60	\$960.00
F.15	Unistrut Caps	100	EA	\$2.00	\$200.00
F.16	1/2" Strut Straps	10	EA	\$1.70	\$17.00
F.17	1" Strut Straps	10	EA	\$1.85	\$18.50
F.18	1-1/4" Strut Straps	10	EA	\$2.10	\$21.00
F.19	2" Strut Straps	100	EA	\$2.80	\$280.00
F.20	2-1/2" Strut Straps	100	EA	\$2.95	\$295.00
F.21	3" Strut Straps	100	EA	\$3.10	\$310.00
F.22	8/32" Screws	100	EA	\$0.05	\$5.00
F.23	8/32" Nuts	100	EA	\$0.05	\$5.00
F.24	3/8" X 2-1/2" Bolts	100	EA	\$0.50	\$50.00
F.25	3/8" X 1-1/2" Flat Washers	100	EA	\$0.16	\$16.00
F.26	3/8" Square Washers	50	EA	\$0.36	\$18.00
F.27	3/8" Lock Washers	100	EA	\$0.05	\$5.00
F.28	1/4" X 2-1/2" Bolts	200	EA	\$0.25	\$50.00
F.29	1/2" X 2-1/2" Bolts	200	EA	\$0.60	\$120.00
F.30	1/2" X 1-1/2" Flat Washers	200	EA	\$0.17	\$34.00
F.31	1/2" Square Washers	200	EA	\$1.50	\$300.00
F.32	1/2" Lock Washers	200	EA	\$0.07	\$14.00
F.33	3/8" Spring Nuts	200	EA	\$1.40	\$280.00
F.34	Insulated Neutral Bar	100	EA	\$12.50	\$1,250.00
F.35	Ground Bar	100	EA	\$6.50	\$650.00
F.36	Multi-tap Connector	100	EA	\$18.00	\$1,800.00



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2. Pricing

(ESTIMATED QUANTITIES FOR EVALUATION PURPOSES ONLY)

				Traffic & Lighting Systems, LLC.	
F.37	2" Offset Nipple	100	EA	\$9.00	\$900.00
F.38	2" Hub Bolt On	100	EA	\$7.50	\$750.00
F.39	3/8" X 4" Lag Bolt	100	EA	\$1.40	\$140.00
F.40	5/8" Acorn Style Grounding Clamp	100	EA	\$1.50	\$150.00
F.41	8' X 5/8" Copper Clad Ground Rod	100	EA	\$16.10	\$1,610.00
F.42	Direct Burial Unitap Connector, 4-port	1000	EA	\$42.00	\$42,000.00
F.43	Direct Burial Unitap Connector, 6-port	1000	EA	\$46.00	\$46,000.00
F.44	Pole Termination Kit	300	EA	\$70.00	\$21,000.00
F.45	LA 601 Lightning Arrestor	10	EA	\$32.00	\$320.00
F.46	LA 602 Lightning Arrestor	10	EA	\$41.00	\$410.00
F.47	HQ5 Meter Can, 200A	20	EA	\$340.00	\$6,800.00
F.48	Buck Transformer for 480V to 120V for Obstruction Light for Towers	100	EA	\$160.00	\$16,000.00
F.49	50 Amp Male Cord Cap, 600V for Towers	50	EA	\$86.00	\$4,300.00
F.50	50 Amp Female Cord Cap, 600V for Towers	50	EA	\$100.00	\$5,000.00
G	Fuses				
G.1	In-Line Fuse – 5 Amp - KTK	1500	EA	\$4.25	\$6,375.00
G.2	In-Line Fuse – 10 Amp - KTK	500	EA	\$4.25	\$2,125.00
G.3	In-Line Fuse – 15 Amp - KTK	500	EA	\$4.25	\$2,125.00
G.4	In-Line Fuse – 20 Amp - KTK	500	EA	\$4.25	\$2,125.00
G.5	In-Line Fuse – 30 Amp - KTK	500	EA	\$4.25	\$2,125.00
G.6	In-Line Fuse Holder – KTK Set Screw Type	50	EA	\$17.00	\$850.00
G.7	In-Line Fuse Holder Rubber Boot	50	EA	\$7.00	\$350.00
G.8	Y-Connectors - - KTK Set Screw Type	1500	EA	\$40.00	\$60,000.00
H	Fixtures				
H.1	Mongoose 250W Fixture	300	EA	\$720.00	\$216,000.00
H.2	Mongoose 400W Fixture	300	EA	\$692.00	\$207,600.00
H.3	Cobra Head 200W Fixture	300	EA	\$220.00	\$66,000.00



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2. Pricing

(ESTIMATED QUANTITIES FOR EVALUATION PURPOSES ONLY)

				Traffic & Lighting Systems, LLC.	
H.4	Cobra Head 400W Fixture	300	EA	\$225.00	\$67,500.00
H.5	Cobra Head 200W LED Replacement Fixture	50	EA	\$560.00	\$28,000.00
H.6	Cobra Head 400W LED Replacement Fixture	50	EA	\$835.00	\$41,750.00
H.7	Mongoose 250W LED Replacement Fixture	50	EA	\$990.00	\$49,500.00
H.8	Mongoose 400W LED Replacement Fixture	50	EA	\$1,210.00	\$60,500.00
H.9	High Mast LED Replacement Fixture - 12 LED Fixtures	10	EA	\$2,250.00	\$22,500.00
H.10	Underpass Luminaire, "Wallpack" with Plastic Cover – 175W LED	10	EA	\$645.00	\$6,450.00
H.11	Underpass Luminaire, "Wallpack" Plastic Cover Only	10	EA	\$136.00	\$1,360.00
H.12	1000W Metal Halide Lamp	100	EA	\$37.00	\$3,700.00
H.13	400W High Pressure Sodium Lamp	100	EA	\$12.75	\$1,275.00
H.14	200W High Pressure Sodium Lamp	100	EA	\$11.25	\$1,125.00
H.15	250W High Pressure Sodium Lamp	100	EA	\$11.25	\$1,125.00
H.16	100W High Pressure Sodium Lamp	100	EA	\$11.25	\$1,125.00
H.17	1000W Ballast Tower Kit	100	EA	\$350.00	\$35,000.00
H.18	116W LED Obstruction Light for Towers	100	EA	\$2,475.00	\$247,500.00
H.19	7-Pin Receptacle	50	EA	\$33.50	\$1,675.00
H.20	LED Driver, 108 LEDs, 700 mA	50	EA	\$140.00	\$7,000.00
H.21	LED Driver, 120 LEDs, 350 mA	50	EA	\$140.00	\$7,000.00
H.22	LED Driver, 72 LEDs, 350 mA	50	EA	\$140.00	\$7,000.00
I	Footings				
I.1	Structural Concrete	100	CY	\$275.00	\$27,500.00
I.2	Reinforcing Steel	200	LB	\$1.10	\$220.00
I.3	1-inch "J" Anchor Bolts	40	EA	\$25.00	\$1,000.00
I.4	Anchors for the Pole Base	40	EA	\$55.00	\$2,200.00
J	Labor				
J.1	Journeyman Electrician	120	Hour	\$110.00	\$13,200.00
J.2	Apprentice Electrician	120	Hour	\$75.00	\$9,000.00



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				Traffic & Lighting Systems, LLC.	
J.3	General Labor	120	Hour	\$65.00	\$7,800.00
K	Equipment				
K.1	40 ft – 50 ft Bucket Truck	40	Hour	\$51.00	\$2,040.00
K.2	55 ft Bucket Truck, or larger	40	Hour	\$55.00	\$2,200.00
K.3	Derrick Hydraulic Digger Truck (Polecat)	40	Hour	\$95.00	\$3,800.00
K.4	Trackhoe/Trencher	40	Hour	\$135.00	\$5,400.00
K.5	Compressor	40	Hour	\$35.00	\$1,400.00
K.6	Utility Truck	40	Hour	\$34.00	\$1,360.00
K.7	Trailer	40	Hour	\$30.00	\$1,200.00
K.8	Arrow Board	40	Hour	\$25.00	\$1,000.00
K.9	Crash Attenuator Truck	40	Hour	\$45.00	\$1,800.00
K.10	Snooper Truck	40	Hour	\$240.00	\$9,600.00
K.11	Striping Buggy	40	Hour	\$75.00	\$3,000.00
K.12	Crane Rental	40	Hour	\$575.00	\$23,000.00
TOTAL COST NOT TO EXCEED: (All cost must be included on your Bid will be disqualified)				\$2,430,428.90	
Delivery				30 Days	
Annual Price Adjustment				Fixed 3%	
Notes					

SECTION 2

Item	Description	Name of & Link to Mfr's Published Price List (Use Suggested Dealer Cost)
1		
2		
3		
4		
5		
6		