

**North Carolina Department of Transportation
BID REVIEW**

DATE _____

WBS: 40.1.2

DESCRIPTION: Annual Needs for Maintenance of Toll Lighting Facilities

COUNTY: DURHAM AND WAKE

ITEM	DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate		Garrett James Company, LLC		
				UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	
1	FURNISH AND REPLACE LIGHT FIXTURE, 150 WATT	5	EA	\$ 340.00	\$ 1,700.00	\$50.00	\$250.00	-85.29%
2	FURNISH AND REPLACE LIGHT FIXTURE, 250 WATT	5	EA	\$ 340.00	\$ 1,700.00	\$50.00	\$250.00	-85.29%
3	FURNISH AND REPLACE LAMPS, 150 WATT HPS	5	EA	\$ 110.00	\$ 550.00	\$50.00	\$250.00	-54.55%
4	FURNISH AND REPLACE LAMPS, 250 WATT HPS	5	EA	\$ 90.00	\$ 450.00	\$50.00	\$250.00	-44.44%
5	FURNISH AND REPALCE REFACTORS, LENS	5	EA	\$ 27.50	\$ 137.50	\$50.00	\$250.00	81.82%
6	FURNISH AND REPALCE BALLAST, CAPACITOR AND LAMP WITH	5	EA	\$ 320.00	\$ 1,600.00	\$50.00	\$250.00	-84.38%
7	FURNISH AND REPALCE BALLAST, CAPACITOR AND LAMP WITH	5	EA	\$ 320.00	\$ 1,600.00	\$50.00	\$250.00	-84.38%
8	FURNISH AND REPLACE HIGH MOUNT LUMINAIRE HEAD, LED	5	EA	\$ 2,000.00	\$ 10,000.00	\$1,800.00	\$9,000.00	-10.00%
9	REPLACE DOT FURNISHED LIGHT STANDARD (TWIN ARM)	10	EA	\$ 2,000.00	\$ 20,000.00	\$2,800.00	\$28,000.00	40.00%
10	REPLACE DOT FURNISHED LIGHT STANDARD (SIGNLE ARM)	10	EA	\$ 3,000.00	\$ 30,000.00	\$6,000.00	\$60,000.00	100.00%
11	REPLACE DOT FURNISHED BASE (SHOULDER MOUNTED LIGHT)	20	EA	\$ 420.00	\$ 8,400.00	\$400.00	\$8,000.00	-4.76%
12	STANDARD FOUNDATION, TYPE R1 OR R2	5	EA	\$ 785.00	\$ 3,925.00	\$2,000.00	\$10,000.00	154.78%
13	FURNISH AND REPLACE LUMINAIRE HEADS, 400 WATT	5	EA	\$ 450.00	\$ 2,250.00	\$50.00	\$250.00	-88.89%
14	FURNISH AND REPLACE LAMPS, 400 WATT HPS	5	EA	\$ 170.00	\$ 850.00	\$50.00	\$250.00	-70.59%
15	FURNISH AND REPALCE BALLAST, CAPACITOR AND LAMP WITH	5	EA	\$ 470.00	\$ 2,350.00	\$50.00	\$250.00	-89.36%
16	FURNISH AND REPLACE LED HEAD	10	EA	\$ 1,200.00	\$ 12,000.00	\$1,000.00	\$10,000.00	-16.67%
17	FURNISH AND REPLACE FUSE HOLDERS AND FUSES	25	EA	\$ 110.00	\$ 2,750.00	\$350.00	\$8,750.00	218.18%
18	FURNISH AND REPLACE FUSES	100	EA	\$ 85.00	\$ 8,500.00	\$100.00	\$10,000.00	17.65%
19	FURNISH AND INSTALL #6 BARE COPPER (STRANDED) GROUND	1000	LF	\$ 1.75	\$ 1,750.00	\$5.00	\$5,000.00	185.71%
20	FURNISH AND INSTALL #2 RHH, RHW OR USE STRANDED COPPE	1500	LF	\$ 3.40	\$ 5,100.00	\$8.20	\$12,300.00	141.18%
21	FURNISH AND INSTALL #4 RHH, RHW OR USE STRANDED COPPE	1500	LF	\$ 3.00	\$ 4,500.00	\$9.00	\$13,500.00	200.00%
22	FURNISH AND REPLACE ELECTRICAL SERVICE POLE	2	EA	\$ 1,320.00	\$ 2,640.00	\$3,000.00	\$6,000.00	127.27%
23	FURNISH AND REPLACE ELECTRICAL LATERAL SERVICE	500	LF	\$ 16.50	\$ 8,250.00	\$20.00	\$10,000.00	21.21%
24	FURNISH AND REPALCE CONTROL PANEL	2	EA	\$ 1,320.00	\$ 2,640.00	\$6,000.00	\$12,000.00	354.55%
25	FURNISH AND REPLACE SERVICE CIRCUIT BREAKER	2	EA	\$ 512.00	\$ 1,024.00	\$1,000.00	\$2,000.00	95.31%
26	FURNISH AND REPLACE FEEDER CIRCUIT BREAKER	2	EA	\$ 165.00	\$ 330.00	\$600.00	\$1,200.00	263.64%
27	FURNISH AND REPLACE CONTROL CIRCUIT BREAKER	2	EA	\$ 82.50	\$ 165.00	\$150.00	\$300.00	81.82%
28	FURNISH AND REPLACE THREE POSITION SELECTOR SWITCH	4	EA	\$ 82.50	\$ 330.00	\$200.00	\$800.00	142.42%
29	FURNISH AND REPLACE CONTROL RELAY	4	EA	\$ 85.00	\$ 340.00	\$200.10	\$800.40	135.41%
30	FURNISH AND REPLACE MECHANICAL HELD CONTACTOR	2	EA	\$ 1,600.00	\$ 3,200.00	\$1,202.50	\$2,405.00	-24.84%
31	FURNISH PARTS AND REPAIR MECHANICAL HELD CONTACTOR I	4	EA	\$ 1,000.00	\$ 4,000.00	\$300.00	\$1,200.00	-70.00%

32	FURNISH PARTS AND REPAIR TERMINAL BLOCKS AND/OR DAMA	4 EA	\$	130.00	\$	520.00			
33	FURNISH AND REPLACE LIGHTING ARRESTER	10 EA	\$	82.50	\$	825.00	\$500.00	\$5,000.00	506.06%
34	FURNISH AND REPLACE PHOTOCELL	25 EA	\$	110.00	\$	2,750.00	\$100.00	\$2,500.00	-9.09%
35	FURNISH AND REPLACE LIGHTING CONTACTOR ENCLOSURE	2 EA	\$	440.00	\$	880.00	\$390.00	\$780.00	-11.36%
36	FURNISH AND REPLACE CONTROL RELAY IN LIGHTING CONTAC	4 EA	\$	66.00	\$	264.00	\$200.00	\$800.00	203.03%
37	FURNISH AND REPLACE TERMINAL BLCOK AND/OR DAMAGED V	4 EA	\$	104.50	\$	418.00	\$200.00	\$800.00	91.39%
38	FURNISH AND REPLACE SERVICE DISCONNECT SWITCH INCLUD	2 EA	\$	253.00	\$	506.00	\$500.00	\$1,000.00	97.63%
39	FURNISH AND REPLACE CIRCUIT BREAKERS IN SERVICE DISCO	8 EA	\$	110.00	\$	880.00	\$350.00	\$2,800.00	218.18%
40	FURNISH AND REPLACE BRANCH CIRCUIT DISCONNECT INCLUD	2 EA	\$	165.00	\$	330.00	\$800.00	\$1,600.00	384.85%
41	FURNISH AND REPLACE CIRCUIT BREAKERS IN BRANCH CIRCUI	10 EA	\$	80.00	\$	800.00	\$200.00	\$2,000.00	150.00%
42	ELECTRICAL JUNCTION BOXES	10 EA	\$	400.00	\$	4,000.00	\$1,003.00	\$10,030.00	150.75%
43	TRACE AND LOCATE FAULT UNDERGROUND CIRCUITRY AND NC	15 HR	\$	300.00	\$	4,500.00	\$1,200.00	\$18,000.00	300.00%
44	BUCKET TRUCK AND OPERATOR FOR MISCELLANEOUS ITEMS	40 HR	\$	170.00	\$	6,800.00	\$500.00	\$16,000.00	194.12%
45	TRENCHING (UNPAVED)	1500 LF	\$	4.50	\$	6,750.00	\$350.00	\$12,000.00	7677.78%
46	TRENCHING (PAVED)	250 LF	\$	4.00	\$	1,000.00	\$8.00	\$2,000.00	100.00%
47	DIRECTIONAL DRILL (1,2")	1000 LF	\$	19.00	\$	19,000.00	\$15.00	\$15,000.00	-21.05%
48	DIRECTIONAL DRILL (2,2")	1000 LF	\$	20.00	\$	20,000.00	\$16.00	\$16,000.00	-20.00%
49	BORE AND JACK	200 LF	\$	3.00	\$	600.00	\$18.00	\$3,600.00	500.00%
50	TRAFFIC CONTROL - MULTI-LANE	5 EA	\$	1,700.00	\$	8,500.00	\$1,700.00	\$8,500.00	0.00%
51	TRAFFIC CONTROL - TWO-LANE	5 EA	\$	800.00	\$	4,000.00	\$1,700.00	\$8,500.00	112.50%
52	TRAFFIC CONTROL - SHOULDER CLOSURE	20 EA	\$	500.00	\$	10,000.00	\$1,700.00	\$34,000.00	240.00%
53	EMERGENCY MOBILIZATION	4 EA	\$	150.00	\$	600.00	\$3,000.00	\$12,000.00	1900.00%
54	NIGHTTIME MOBILIZATION	4 EA	\$	150.00	\$	600.00	\$3,000.00	\$12,000.00	1900.00%
BIDTOTAL			\$	237,554.50		\$398,765.40			
% DIFFERENCE								67.86%	