

II

Cost of Arc light per annum	54 55
" " " " night	1493

COMPARATIVE COST OF INSTALLING AND OPERATING 1200 AND 2000 C. P. LAMPS FOR ONE CIRCUIT—60, 2000 C. P. 75, 1200 C. P. LAMPS.

60 Double Carbon Arc Lamps, 2000 C. P., at \$25.00 ...	1,500 00
75 " " " " 1200 C. P., at \$25.00 ...	1,875 00

MAINTENANCE—

Carbons, 2000 C. P.	328 50	
Repairs, 2000 C. P.	65 00	393 50
Carbons, 1200 C. P.	410 62	
Repairs, 1200 C. P.	93 75	503 37

ADDITIONAL COST OF INSTALLING AND OPERATING AN ELECTRIC INCANDESCENT LIGHT- ING PLANT FOR CIVIC PURPOSES ONLY—1000 INCANDESCENT LIGHTS.

STEAM PLANT—Size of Engine increased from 500 H. P. to 600 H. P.	\$1,000 00	
Boiler H. P. increased proportionately	1,750 00	\$ 2,750 00

ELECTRIC PLANT—One 50 K. W.—1000 Light Alternator....	2,500 00	
40 Transformers, 25 Lights at \$32 50	1,300 00	
10 Miles of Feed Wire No. 00B. & S. at \$300 per mile..	3,000 00	
Erecting Wire	100 00	
Belting and Pulley	100 00	
Cross Arms, Pins, Insulators, Etc	125 00	
Extra Poles	150 00	
Setting same	50 00	\$ 7,325 00

Total..... \$10,075 00

ADDITIONAL OPERATING EXPENSES.

Coal, 888 lbs. per night or 162 tons per annum at \$2.00	324 00	
Interest on \$10,075 at 3½%	352 00	
Lamp Renewals, Sundry Expenses, Depreciation, Etc.	324 00	\$ 1,000 00

APPROXIMATE COST OF INSTALLING AN ELECTRIC INCANDESCENT AND ARC LIGHTING AND POWER PLANT IN CONNECTION WITH THE CIVIC ELECTRIC ARC LIGHT- ING PLANT FOR COMMERCIAL PURPOSES. 3000 INCANDESCENT LIGHTS—125 ARC LIGHTS.

STEAM PLANT —

One (1) 500 Horse Power Tandem Compound Condens- ing Engine and Condensor erected and connected, ready for operation	\$5,000 00	
Two (2) 212 Horse Power Boilers erected and connected ready for operation	7,700 00	
One Boiler Feed Pump	300 00	
Contingencies	1,000 00	\$14,000 00