

ESTIMATES

FOR COMPLETE ELECTRIC LIGHTING PLANTS.

The following approximate estimates will be found useful by our foreign clients. We have not included the cost of erection, as this depends upon the local price of labour; it averages from 5/- to 10/- per Lamp. If 8 c.p. Lamps are used, the plant would give about 25 per cent. more Lamps, or the price of installation would be reduced about 25 per cent.

Packing and Delivery F.O.B. extra. Machinery, &c., about 5 per cent.; Accessories, about 1½ per cent.

For use abroad wood casings are not always used, insulators, wood cleats, &c., being substituted; if this is done the amount allowed for wood casings, &c., can be reduced 50 per cent.

FOR 50 INCANDESCENT LAMPS, EACH 16 C.P.

Materials.	COST.	Accumulators.	Steam Engine, Boiler, &c.	Gas Engine.	Oil Engine.
£ s. d.					
One 3-Unit Dynamo, compound wound, with slide rails ...	50 10 0	Battery of 27·15 K. type cells, suitable for working 48 lamps of 50 volts for a period of 3 to 4 hours. Inclusive of trays, insulators and stands. Inclusive alterations to main switch-board for charging and discharging switches, &c.	One 4 H.P. nominal vertical engine and boiler complete, with variable expansion gear	One 4 H.P. nominal gas engine complete, with water vessel and fly wheel	One 5 H.P. nominal oil engine complete, with oil cistern, vaporizer, air pump, igniting apparatus and all details
30 ft. Best 3 in. Double Leather Belting ...	3 15 0				
One Switchboard, Teak Base, fitted with main switch, 3 branch switches, cut-outs, Volt and Ampère meters, with keys ...	12 0 0				
20 yds. 1/8" Main Cable ...	1 5 0				
330 yds. 7/8" Branch Cable ...	7 3 3				
220 yds. 1/8" " " ...	2 17 6				
220 yds. 1/8" " " ...	1 17 6				
1,230 ft. Wood Casings ...	5 19 4				
50 Export Incandescent Lamps...	6 17 6				
50 Belsize Lampholders ...	4 11 8				
50 Plain Pendants or Brackets, with shades ...	8 15 0				
Ten 6-light Byng Switches ...	1 7 6				
Ten 10-Amp. Bow Cut-outs ...	0 12 6				
70 Wood Blocks for Switches, &c.	1 12 1				
Insulating Materials, Screws, &c.	1 5 0				
	£110 8 10	£92 0 0	£98 0 0	£95 0 0	£175 0 0

FOR 100 INCANDESCENT LAMPS, EACH 16 C.P.

Materials.	COST.	Accumulators.	Steam Engine, Boiler, &c.	Gas Engine.	Oil Engine.
£ s. d.					
One 7-Unit Dynamo, compound wound, with slide rails ...	78 10 0	Battery of 27·23 K. type cells suitable for working 75 lamps of 50 volts for a period of 4 hours, inclusive of trays, insulators, and stands. Inclusive alterations to main switch-board for charging and discharging switches, &c.	One 8 H.P. nominal vertical engine and boiler complete with variable expansion gear, &c.	One 8 H.P. nominal gas engine complete with water vessel and fly wheel	One 11 H.P. nominal oil engine complete with oil cistern, vaporiser, air pump, igniting apparatus and all details
35 ft. Best 4 in. Double Leather Belting ...	6 2 6				
One Switchboard, Teak Base, fitted with main switch and 5 branch switches, cut-outs, Volt, and Ampère meters, with keys ...	15 0 0				
20 yds. 1/8" Main Cable ...	2 6 8				
550 yds. 7/8" Branch Cable ...	17 13 1				
440 yds. 1/8" " " ...	5 15 0				
440 yds. 1/8" " " ...	3 15 0				
2280 ft. Wood Casings ...	10 18 4				
100 Export Incandescent Lamps	13 15 0				
100 Belsize Lamp Holders ...	9 3 4				
100 Plain Pendants, complete, or Brackets with Shades...	17 10 0				
Twenty 6-light Byng Switches ...	2 15 0				
Twenty 10-Amp. Bow Cut-Outs...	1 5 0				
Twelve 3-light Byng Switches ...	1 7 0				
Twelve 5-Amp. Bow Cut-Outs ...	0 9 0				
140 Wood Blocks for Switches, &c.	3 4 2				
Insulating Materials, Screens, &c.	2 10 0				
	£191 19 1	£140 0 0	£160 0 0	£140 0 0	£260 0 0