

QUOTATION


Name work : Electrical repairing of street lights around faculty building, ACES building and Flexible building parking area as per enclosed complaints.

S.No	Description	Qty	Unit	Rate (In words & Figures)	Amount
1	S & F of following rating & poles 240 volts 'C' curve 10 kA MCB in the existing MCB DB complete with connection, testing & commissioning etc as reqd.				
a)	Single Pole (5A to 32A)	2.00	Nos.		
2	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	80.00	Mtr.		
3	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable of 1.1kV grade direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.				
a	Upto 35 sqmm	45.00	Mtr.		
4	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable of 1.1kV grade in the existing RCC/Hume/Stoneware/Metal pipe as reqd.				
a	Upto 35 sqmm	10.00	Mtr.		
5	Laying of one no. PVC insulated and PVC sheathed /XLPE power cable of 1.1kV grade in the existing masonry open duct as reqd.				
a	Upto 35 sqmm	7.00	Mtr.		
6	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a	Upto 35 sq. mm (clamped with 1mm thick saddle)	5.00	Mtr.		
7	Supplying and making indoor end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1kV grade as reqd.				

S.No	Description	Qty	Unit	Rate (In words & Figures)	Amount
a	2x6 sqmm(19mm)	4.00	Set		
b	2x10 sqmm(19mm)	2.00	Set		
8	Supplying and fixing of light class G.I. pipe of 50 mm dia. (nominal) 3 metres length along the pole for protection of under ground cable as required.	3.00	each		
9	S/F testing commissioning of street light Luminures Endura Pearl Neo - IP65 following LED light / flood light fitting New generation energy saving and environmental friendly long life LED street light made up of pressure die cast aluminium housing with high power LED as lighting source and lens embedded PC cover having TOP Opening seperate driver compartment with IP66 protection and impact resistance of IK07.,make:Phillips/Havells or its equivalent, on the existing street light pole complete as required.				
a	35W Street light	3.00	Nos.		
b	60W Street light	1.00	Nos.		
10	Locating fault in the cable lines with meggar etc and rectifying removing & restoring the same and making good the damages etc as required.				
a	upto 35 sqmm	3.00	Nos.		
11	Dismantling cross arm / street light brakcet/street light fitting from pole complete as required.	14.00	Nos.		
12	Digging cable trench/lifting brick/s and cable for locating fault and refilling the trench, ramming & making good the same as reqd.	10.00	Mtr.		
13	Supplying,fixing,testing commissioning of garden light 40W LED postop lantern Luminures. New generation, post-top, energy saving, environmental friendly, long life aesthetically designed with symmetrical light distribution, spun aluminium landscape luminaire with high power LEDs as light source make:Crompton Greaves on the existing pole complete as required.	7.00	Nos.		

S.No	Description	Qty	Unit	Rate (In words & Figures)	Amount
14	Fixing & connecting 1 phase/3 phase temporary service connection from supply source to the desired place for lead of 50 mtr and dismantling the same from the source l/c cartage to & fro from store (extension board & cable/wire will be supplied by the dept.)	2.00	Nos.		
15	Supplying and drawing of following sizes of FR PVC insulated copper conductor, 3 core round cable of following size in the existing surface/ recessed steel/ PVC conduit as required.				
a	1.5 Sq.mm	40.00	Mtrs.		
16	Supply of one no. XLPE cable aluminium conductor steel armoured cable of size 2x6sqmm, grade 1.1kV in following manners.	33.00	Mtr.		
17	Supply of one no. XLPE cable aluminium conductor steel armoured cable of size 2x10sqmm, grade 1.1kV in following manners.	27.00	Mtr.		

Say Rs.


 अधिकायी अभियन्ता (वि०)/E.E. (Elect.)
 सहायिका, भा० प्रौ० संस्थान, कानपुर
 I.W.D., I.I.T. Kanpur
