

Schedule of work

Name of the work: Repairing of campus lighting system for 2A campus of IACS, Jadavpur, Kolkata

Sl.No.	Description of Items.	Quantity	Unit.	Rate.	Amount.
1	Supplying of following size PVC sheathed/XLPE insulated armoured aluminium power cable of 1.1 KV grade as per IS : 7098 (part-1) 1988 etc. as required.				
a)	4core X 6 sq.mm.multistrand aluminium cable.	410	Metre		
b)	4 core X 4 sq.mm.aluminium cable	505	Metre		
	Make : Polycab,Gloster,KEI & Havells.				
2	Wiring for circuit / submain wiring along with earth wire with the following size of FRLS PVC insulated Copper conductor, single core cable in surface /recess with medium class PVC conduit, as required				
a)	2 x 1.5 Sq.mm + 1 x 1.5 Sq.mm earth wire	130	Metre		
	Make : Polycab,Gloster,KEI & Havells.				
3	Laying of one number PVC insulated and PVC sheathed power cable of 1.1 KV grade of following sizes direct in ground including excavation and refilling the trench etc. as required,but excluding of sand cushioning & protective covering.				
a)	Upto 35 sq.mm.	610	Metre		
4	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 1 mm thick saddle.)	300	Metre		
5	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket,bend,coupler etc.confirming to IS 14930,Part II complete with fitting and cutting, jointing etc. in the existing trench,complete as required.				
a)	63 mm (OD-63 mm and ID-51 mm nominal)	50	Metre		
6	Supplying and fixing of the following sizes of Medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same, in case of recessed conduit, as required.	610	Metre		
a)	32 mm				
	Make: pesto plast/plazza				

Sl.No.	Description of Items.	Quantity	Unit.	Rate.	Amount.
7	Supplying and making end termination with brass compression gland and Aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required.				
a)	4 X 6 sq.mm.	28	Nos.		
b)	4 X 4 sq.mm.	62	Nos.		
8	Supplying and fixing of armed bracket made up with 32 mm dia medium class GI pipe,including clamp and fastnuts etc. as required.	6	meter		
9	Supplying and fixing of 16 SWG stainless steel box having dimension 10 inch X 10 inch X 5 inch, which consists of 16A 4 pole channel fixing KUT-6 type connector (1 No.), 6A to 16A SP MCB (1 No.) complete, as required.	45	Each		
10	Supplying and fixing angle iron section 50 mm X 50 mm X 6 mm and 1000 mm long with necessary clamp and fastnuts for holding flood light.	5	Sets.		
11	Providing & fixing 4mm dia bare copper wire on surface or in recess for loop earthing alongwith existing surface/recess conduit/submain wiring, as required.	300	meter		
12	Providing and laying earth connection from earth electrode with 6 SWG dia GI wire in 15 mm dia GI pipe from earth electrode including connection with GI thimble, excavation and re-filling as required.	60	meter		
				Total	
Rupees.....only					
NOTE: The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.					
	GST No:				
	SAC code:				
	CGST@....6....% considered in the above BOQ				
	SGST@.....6 ...%Considered in the above BOQ				