

## QUOTATION

Name of work:-Providing 1 single phase, 1 three phase power connection and 6 15 amp. 4 5 amp power points for wind energy Lab in Department of Sustainable Energy Engineering.

S.No.	Description	Qty.	Unit	Rate	Amount
				(In words & Figures)	
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
a)	Group A	2.00	Nos		
2	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
a)	3 x 1.5 Sq.mm..	18.00	Mtr.		
b)	3 x 4 Sq.mm..	8.00	Mtr.		
c)	3 x 6 Sq.mm..	6.00	Mtr.		
3	Supply, fixing, following modular type switch / socket on existing modular plate & switch box including connectins but excluding modular plate etc. as reqd.				
a)	5/6 Amp switch	10.00	Nos.		
b)	15/16 Amp. switch	4.00	Nos.		
c)	3 Pin 5/6 Amp. socket outlet	8.00	Nos.		
d)	6 Pin 15/16 Amp. socket outlet.	4.00	Nos.		
e)	Blanking plate	2.00	Nos.		
4	S & F following size/modules, GI box along with modular base and cover plate for modular switches in recess etc.as required.				

S.No.	Description	Qty.	Unit	Rate (In words & Figures)	Amount
a)	1/2 module	2.00	Nos.		
5	S/F following modular base & cover plate on existing modular metal boxes etc. as reqd.				
a	3 module	4.00	Nos.		
b	6 module	4.00	Nos.		
6	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
a)	4-way Cat no. 607750 Legrand or equivalent	1.00	Nos.		
7	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.				
a)	Single Pole	9.00	Nos.		
8	S&F single pole blanking plates in existing MCB DB complete etc. as required.	4.00	Nos.		
9	Earthing with G.I earth pipe 4.5 mtr long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.	1.00	Set		
10	Supplying and making indoor end termination with brass compression gland, aluminum lugs for following size of PVC insulated & PVC sheathed/XLPE aluminum cable of 1.1kV grade as reqd.				
a	3-1/2x35 sq.mm.	2.00	Nos.		

S.No.	Description	Qty.	Unit	Rate (In words & Figures)	Amount
11	S & F metal box of following sizes ( nominal size ) on surface or in recess with suitable size of phenolic laminated sheet cover in the front I/c painting etc as reqd.				
a	250 mm x 300 mm x 100 mm deep	9.00	Nos.		
12	Laying of one no. PVC insulated, PVC sheathed / XLPE power cable of 1.1kV grade of size not exceeding 35 sq.mm.				
a)	direct in ground I/c excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.	15.00	Mtr.		
b	In open duct	5.00	Mtr.		
c	On surface with MS clamp	5.00	Mtr.		
13	Providing and fixing following sizes of PVC casing and capping on surface as reqd.				
a)	32 x 16 mm	9.00	Mtr.		
14	Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd.				
a)	2 x 10 Sq.mm..	9.00	Mtr.		
b	2 x 16 Sq.mm..	3.59	Mtr.		
15	Providing and fixing DLP plastic trunking of size 105 mm x 50 mm without cover on surface as reqd.	10.00	Mtr.		
16	Providing and fixing 85 mm width flexible cover of DLP plastic trunking. (size 105 mm x 50 mm.)	8.17	Mtr.		
17	Supply and fixing of following items for plastic trunking accessories suitable for size 105 mm x 50 mm.				
a		3.00	Nos.		
	End cap				
b		1.00	Nos.		
	Internal angle.				

S.No.	Description	Qty.	Unit	Rate (In words & Figures)	Amount
c	Flat Junction	2.00	Nos.		
d	Base joint	4.00	Nos.		
18	Supply and laying of HDPE pipe ISI mark of 40 mm (8Kg / cm <sup>2</sup> ) size inner dia, 2mm thick l/c cartage loading & unloading etc. as reqd.	6.32	Mtr.		
19	Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and with lamp as required complete.				
a)	LED tube light fitting (1 X 18 / 20 Watt. LED) surface mounting luminaires wipro make	2.00	Nos.		
20	S & F 40 amp to 63 amp rating 240 volts 'C' curve 10 kA MCB of following pole in the existing MCB DB complete with connection, testing & commissioning etc as reqd. ( legrand or its equivalent as per approved make)				
a	Double pole	1.00	Nos.		
b	Triple Pole	1.00	Nos.		
c	Four Pole	2.00	Nos.		
Total Rs.					_____

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*(Signature)*