

QUOTATION

Sub:- Renovation of electrical installation in SL(XRD Lab).Near 108

SL No.	DESCRIPTION	QTY	UNIT	RATE (In words & Figures)	AMOUNT
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.				
1.01	Group C	6.00	Point		
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
2.01	3 x 1.5 sq. mm	20.00	Metre		
2.02	3 x 4 sq. mm	90.00	Metre		
3	Supply and fixing of 32 x 20 mm DLP mini-trunking white-system with independent cover etc. as required complete.	35.00	Meter		
4	Supply and fixing of following accessories suitable for 32 mm x 20 mm size plastic trunking white system.				
4.01	End cap	1.00	Nos.		
4.02	internal / external angle	3.00	Nos.		
4.03	changeable flat angle	2.00	Nos.		
4.04	flat junction	1.00	Nos.		
5	Supply and fixing of 105 x 50 mm DLP trunking white-system but without cover and partition etc. as required complete.	14.00	Meter		



Handwritten signature and date: 22/2/23
Agys

SL No.	DESCRIPTION	QTY	UNIT	RATE (In words & Figures)	AMOUNT
6	Supply and fixing of following accessories suitable for 105 mm x 50 mm size plastic trunking white system.				
6.01	85 mm flexible cover	12.00	Meter		
6.02	End cap	4.00	Nos.		
6.03	Internal angles- adjustable from 80°-100°	2.00	Nos.		
6.04	flat junction	1.00	Nos.		
6.05	separation partitions	4.00	Meter		
6.06	Joints for 85mm width cover	4.00	Nos.		
6.07	base joints	14.00	Nos.		
7	Supplying, installation of Clip-on frame with finishing plate for 85mm cover for DLP plastic trunking 105mm x 50mm etc. as reqd.				
7.01	6 module	5.00	Nos.		
8	Supplying and fixing following modular switch/ socket on the existing clip-on frame fixed on 85mm cover of 105 x 50 mm DLP plastic trunking including connections etc. as required complete.				
8.01	20 A switch	10.00	No.		
8.02	6/16 A 3 pin socket outlet	10.00	No.		
9	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
9.01	5/6 A switch	6.00	No.		

Handwritten signature and date: *Agj SE 22/2/23*

Handwritten signature

SL No.	DESCRIPTION	QTY	UNIT	RATE (In words & Figures)	AMOUNT
10	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
10.01	1 or 2 Module (75mmX75mm)	1.00	No.		
10.02	12 Module (200mmX150mm)	1.00	No.		
11	Supply and fixing of following LED light fixture with efficiency >100 lumen/ watt, P.F. >0.95, THD<10%, Electronic driver, LED lamp, reflector, diffuser, MS body/housing holder etc. complete with all fixing accessories and lamp as required complete.				
11.01	36 watt recess mounting LED light fixture 600 x 600 mm	4.00	Nos.		
11.02	36 watt surface mounting LED light fixture 300 x 1200 mm	1.00	Nos.		
12	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	4.00	No.		
13	S & F following size of steel flexible pipe along with the accessories on surface etc as required				
13.01	25 mm	20.00	Meter		
14	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.)				

Handwritten signature

Handwritten signature
22/12/23

SL No.	DESCRIPTION	QTY	UNIT	RATE (In words & Figures)	AMOUNT
14.01	8 way (4 + 24), Double door	1.00	No.		
15	Supplying and fixing following rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
15.01	Single pole 5 A to 32 A	24.00	No.		
15.02	Four Pole (40A-63A)	1.00	Nos.		
16	Dismantling concealed & damaged DB/TPN Switches/starter/ loose wire boxes along with all accessories and depositing the same in the sectional store repairing the damages as reqd complete.	4.00	Nos.		
17	Dismantling, disconnecting old damaged unserviceable fl fitting/ exhaust fan/ ceiling fan/ bulkhead fitting with bracket etc. as reqd. and depositing in sectional store.	7.00	Nos.		
18	Dismantling the old conduit pipe/wood batten of all sizes from surface/recessed & making good the damages I/c filling the holes of the surface etc as reqd. and depositing it in sectional store.	90.00	Meter		
19	Digging cable trench, lifting brick & cable for locating fault and relaying the cable i/c refilling the trench, extra sand if required shall be i/c in the item of following size. as required.				
19.01	above 35 up to 95 Sq.mm.	20.00	Meter		

[Handwritten signature]

Recd 22/2/23
Aey SE

SL No.	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
				(In words & Figures)	
20	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min , 350 RPM (tolerance as per IS : 374-2019),THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	1.00	Nos.		
21	Laying UTP cable enhanced cat 5/cat 6 cable in existing steel conduit pipe/GI pipe/raceway / RCC pipe as reqd. the cost shall also include numbering of networking wire from room to rack as reqd. (wire will be supplied by dept)	400.00	Meter		
22	Fixing of RJ-45 modular box with cover plate or I/o box for internet on surface/ recessed cutting the wall making good the same as required. (box and cover plate will be supplied by dept.)	5.00	Nos.		
23.00	Fixing 20/25/32 mm conduit pipe/ DLP on surface with clamp/in recessed only conduit pipe supplied by department.(Free of cost)	35.00	Meter		

Total Rs.

Handwritten signature
22/02/23
Agg
 अधीक्षक अभियन्ता/उ.ई.
 सॉलिनोविड (I.W.D.)
 भाओप्रौ सरथान, कानपुर
 I.I.T., Kanpur