

Name of work:- Rewiring of Class room of P & T Division at I.V.R.I., Izatnager.

S. No.	Description of item	Qty	Unit	Rate	Amoun	Remark
1	Wiring for light /fan/exhaust fan point/ call bell point with 1.5sq.mm. FRLS PVC insulated copper conductor S core cable in surface / recessed PVC conduit with Piano type switch Phenolic laminated sheet suitable size M.S.Box and earthing the point with 1.5 Sq.mm FR PVC insulated copper conductor cable etc as reqd (Group-C).	12	Point			
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
	I. 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	26	Mtr			
	II . 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	36	Mtr			
	III. 4 X 4 sq. mm + 2 X 4 sq. mm earth wire	24	Mtr			
	IV. 2 X 6 sq. mm + 1 X 6 sq. mm earth wire	24	Mtr			
3	S/Fof following size of medium class PVC conduit a/w accessories in surface /recessed including cutting the wall and making good the same in case of recessed conduit as required (ISI Mark & F.R).					
	I. 20 mm	24	Mtr			
	II. 25 mm	24	Mtr			
4	S/F of ISI marked Polycarbonate batten/angle holder i/c connection etc as reqd.	2	Each			
5	S/F following piano type Switch /socket on the existing switch box/cover i/c connection etc as reqd.					
	I. 5 Amp Switch	6	Each			
	II. 6 pin 5/6 Amp Socket	6	Each			
	III. 15/16 Amp Switch	4	Each			
	IV. 6 pin 15/16 Amp Socket	4	Each			
6	S/F 6A to 32A single pole 'C' series legrand lexic in the existing MCBDB complete with connection testing and commissioning etc. as required.	16	Each			
7	S/F20 A 240 V SPN industrial type socket outlet with 2 pole and earth metal enclosed plug top a/w 25 A SPMCB in sheet steel enclosure on surface /recess with chained metal cover for the socket outlet and complete with connection, testing and commissioning etc as required. Legrand make only.	1	Each			
8	Supplying and fixing metal box of following sizes (nominal size)on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.					
	I. 200 x 250 x 75 mm	4	Each			
	II.180 x 100 x 60 mm	4	Each			
9	S/F of 20 watt 4 feet LED complete fittings i/c connection with 1.5 sq.mm PVC insulated copper conductor S/core etc as reqd. Make- Bajaj / Philips / Wipro.	6	Each			

10	ITC of wall mounting cabin fan 400 mm sweep with oscillation facilities on the wall with 1.5 sq. mm FR LS PVC insulated, copper conductor, single core cable, etc. as required. etc. as required.	5	Each			
11	S/F 3 mm thick phenolic laminated sheet on the existing MS boxes etc. as required.	3000	Sq.cm			
12	Supplying and fixing following rating, double pole, 240 volts isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required, Legrend.					
	I. 40 amps 4020 08	1	Each			
	II. 63 amps 402009	1	Each			
13	Supplying and fixing 2 + 8 way, Double door , single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar,din bar, interconnections, powder painted including earthing etc as required. (But without MCB/RCCB/Isolator) Legrend. Make Cat. No. 607711	2	Each			
	Total Amount			Rs.		

Note :-

- (I) All conductors/ cable and others items must be ISI marked and FR type (Approved by CPWD & ICPCI.)
- (II) All the 5/6 A switches should be Anchor Model No.38193 or its equivalent SSK.
- (III) All the 5 pin 5/6 A sockets should be Anchor Model No.38364 or its equivalent SSK.
- (IV) All the 15/16 A switches should be Anchor Model No. 38477 or its equivalent SSK
- (V) All the 6 pin 15/16 A sockets should be similar model of 15 A switches .

Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required. Each 99.00