

**PONDICHERRY UNIVERSITY  
ELECTRICAL WING**

**SCHEDULE OF WORK**

**Name of Work:** Rewiring the Computer room in the Mathematics building which has been burnt out during mishap and Providing power supply to the 5KVA UPS & computer lab in the Mathematics Statistics Annex building.

Item No.	Description of Item	Qty.	Unit	Rate	Amount
1.	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/trace/ recessed PVC conduit, with Piano type switch, modular plate, , suitable size G.I box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. (Group C) make: MK/Legrand.	28pt	point		
2.	Supplying and fixing following Modular front cover plates in modular computer desk and suitable size of slot cutting in the partition of the modular computer desk etc., as required. Make: (MK/Legrand/Anchor) a. 9 modular Front cover plate. b. 6 modular Front cover plate.	25nos. 5nos.	Each Each		
3.	Supplying and fixing surface type following Modular, PVC box suitable for fixing modular front cover plate, switch and socket etc., as required. Make: (MK/Legrand/Anchor). a. 9 modular box. b. 6 modular box.	7nos. 5nos.	Each Each		
4.	Supplying and fixing following modular switch/socket on the existing modular plate & switch box/ including connections but including modular plate etc. as required. Make: (MK/Legrand/ Anchor) a. 5/6 amps modular switch. b. 5/6 amps 3 pin modular socket. c. 15/16 amps modular switch. d. 15/16 amps 6 pin modular socket.	60nos. 60nos. 15nos. 15nos.	Each Each Each Each		
5.	Supplying and fixing of following sizes of PVC conduit along with accessories in surface/recess conduit including cutting the wall and making good the same in case				

	of recessed conduit as reqd. a. 20 mm  b. 25 mm  c. 32 mm	50mtr  75mtr  30mtr	Mtr  Mtr  Mtr		
6.	Providing and fixing on surface of the following size cable management system plastic trunking and flexible cover as required. Make: (Legrand/MK) Plastic Trunking 50mm x 50mm.	25mtr	mtr		
7.	Supplying and fixing following accessories suitable for 50mm x 50mm cable management system. a. End caps  b. Cable Clips	4nos.  30nos.	Each  Each		
8.	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required. Make : (Polycab, RR kable, Anchor and Finolex) a. 1.5sqmm 3 core flexible wire.  b. 3 x 1.5 sq mm  c. 6 x 1.5 sq mm  d. 3 x 4 sq mm  e. 6 x 4 sq mm  f. 3 x 6 sq mm  g. 6 x 6 sq mm	75mtr  60mtr  40mtr  200mtr  100mtr  50mtr  50mtr	Mtr  Mtr  Mtr  Mtr  Mtr  Mtr		
9.	Supplying and fixing of 12way pre wire, single pole and neutral, prewired, sheet steel, MCB double door distribution board, 240 volts, on surface/recess, complete with loose wire box, terminal blocks, tinned copper busbar, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc as reqd. (But without MCB/RCCB/Isolator). (Legrand / Hager) make MDS 6077 12.	1no.	Each		
10.	Supplying and fixing 4 way prewired sheet steel, MCB enclosure box on surface/recess, detachable gland plate, powder painted, including earthing etc as required.	5nos.	Each		

11.	Supplying and fixing 20amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps 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. ( Legrand /Hager) (MDS Cat no. 6078 41).	8nos.	Each		
12.	Supplying and fixing following rating, 'C' series, miniature circuit breaker suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as reqd. (Legrand/Hager). a. 32 amp Double pole MCB. b. 40A to 63A 3pole MCB. c. 40A to 63A 4 pole MCB. d. 6 amp to 32 amp single pole MCB. e. Single pole blanking plate.	6nos 1nos. 1nos. 25nos. 30nos.	Each Each Each Each Each		
13.	Supply, Installation, testing and commissioning of 1400mm sweep ceiling fan, including wiring the down rod of length upto 1mtr with 1.5 sq.mm PVC insulated, copper conductor FRLS single core cable etc. as reqd. <b><u>Accepted makes: (USHA JET)/ Orient (SUMMER COOL model)</u></b>	12nos.	Each		
14.	Supplying, installation, testing and commissioning of following prewired fluorescent fittings with all accessories and tubes etc direct on ceiling including connections with 1.5sq mm PVC insulated, copper conductor single core cable etc as required. a. 1 x 36W box type fluorescent fitting. (Philips cat no.TMS021 1 x TL-D36W I, Crompton Greaves cat no.DJB1214LSB. b. 2 x 36W box type fluorescent fitting. (Philips cat no.TMS021 2 x TL-D36W I, Crompton Greaves cat no. DJB1224LSB.	10nos. 16nos.	Each Each		
<b>Total</b>					