

**PONDICHERRY UNIVERSITY
ELECTRICAL WING**

SCHEDULE

Name of Work: Fixing rate contract for one year for the frequently required electrical work such as providing power points to the computers, equipment and A/C units.

Item No.	Description of Item	Qty.	Unit	Rate	Amount
1.	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.	200nos. 100nos.	Each Each		
2.	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.	100nos. 60nos.	Each Each		
3.	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.	650nos 650nos 150nos. 150nos.	Each Each Each Each		
4.	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	300mtr 200mtr 100mtr	Mtr Mtr Mtr		
5.	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.	150mtr	mtr		
6.	Supplying and fixing following accessories suitable for 50mm x 50mm cable management system. a. End caps b. Cable Clips	20nos. 200nos.	Each Each		
7.	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. 3core x 1.5 sq mm flexible cable. b. 3 x 1.5 sq mm c. 6 x 1.5 sq mm d. 3 x 2.5 sq mm e. 3 x 4 sq mm f. 6 x 4 sq mm g. 3 x 6 sq mm h. 4 x 10 sq mm + 2 x 6 sq mm	300mtr 250mtr 150mtr 250mtr 300mtr 200mtr 200mtr 50mtr	Mtr Mtr Mtr Mtr Mtr Mtr Mtr Mtr		
8.	Supplying, installation, testing and commissioning of surface/ recess mounting, 8 way Double Door vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly phosphatized and powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's, detachable gland/ knock out plate, (but without incomer and MCB's) including dismantling the old DB. as required. Make:(Legrend/Hager). a. MDS cat no.6077 51.	5nos.	Each		
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.	6nos	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.	20nos.	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).	20nos.	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 Double pole MCB c. 40A to 63A 3pole MCB. d. 40A to 63A 4 pole MCB. e. 6 amp to 32 amp single pole MCB. f. Single pole blanking plate.	15nos. 10nos. 7nos. 7nos. 60nos. 100nos.	Each Each Each Each Each Each		
13.	Earthing with G.I. earth pipe 4.5 mtr long, 40 mm dia (medium class) including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal and salt as required.	5nos.	set		
14.	Providing and fixing 25mm x 6 mm copper strip on surface or in recess for connections etc. as required.	40mtr	mtr		
15.	Providing and fixing 25mm x 6mm copper strip in 40mm dia G.I pipe from earth electrode including connection jwith brass nut, bolt, spring, washer excavation and re-filling etc. as required.	20mtr	mtr		
16.	Providing and fixing 8 SWG dia copper wire on surface or in recess for loop earthing as required.	150mtr	mtr		
Total					

