

**PONDICHERY UNIVERSITY
ELECTRICAL WING**

SCHEDULE

Name of Work: Providing power supply for class rooms and installation of lab equipment in the 2nd floor South Wing Science Block I for the Department of Microbiology.

Sl. No	Description of Item	Qty.	Unit	Rate	Amount
1.	Supplying and fixing following Modular front cover plates with PVC modular box in recess/ on surface as required. Make: (Anchor/Legrand/MK). a. 6 modular b. 9 modular	25nos 15nos.	Each Each		
2.	Supplying and fixing following modular switch/socket on the existing modular plate & switch box/ including connections etc. as required. Make: (Anchor/Legrand) a. 5/6 amps modular switch b. 5/6 amps 3 pin modular socket c. 15/16 amps switch d. 6 pin 15/16 amp socket outlet	55nos 55nos 40nos 40nos	Each Each Each Each		
3.	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	100mtr 100mtr	Mtr Mtr		
4.	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.	15mtr	mtr		
5.	Supplying and fixing following accessories suitable for 50mm x 50mm cable management system. a. End caps b. Cable Clips	2nos 20nos	Each Each		

6.	<p>Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.</p> <p>a. 3 x 2.5 sq mm</p> <p>b. 3 x 4 sq mm</p> <p>c. 6 x 4 sq mm</p> <p>d. 4 x 10 sq mm + 2 x 6 sq mm</p>	150mtr	Mtr		
7.	<p>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).</p> <p>a. MDS cat no.6077 51.</p>	2no.	Each		
8.	<p>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).</p>	7no.	Each		
9.	<p>Supplying and fixing 4 way enclosure metal box, dust protected, duly phosphatized and powder painted, inclusive of din bar for mounting MCB's, detachable gland/knock out plate etc as required.</p>	2nos.	Each		
10.	<p>Supply & fixing of following rating C series, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connection, testing and Commissioning etc., as required. make (Legrand / Hager).</p> <p>a. 6A to 32A single pole MCB.</p> <p>b. 63A 3pole MCB</p> <p>c. Single pole blanking plate.</p>	30nos	Each		
				Total	

