

PONDICHERRY UNIVERSITY
ELECTRICAL WING

Schedule of Work

Name of Work: Labour charges for providing additional power supply for research labs. and providing dedicated earthing for equipments for the centre for Nanoscience & Technology and Green Energy Technology in the Madanjeet School of Green Energy Technologies building at Pondicherry University.

Item No.	Description of Item	Qty.	Unit	Rate	Amount
1.	Charges for fixing on surface of following PVC modular box cover plate, 6A/16A switch & socket and wire looping etc, including screw and PVC plug. (Make: MK/Legrand) a. 6 Modular box. b. 9 Modular box.	45nos. 170nos.	Each Each		
2.	Charges for fixing on surface of the following size cable management system plastic trunking and flexible cover, including screws and PVC plug as required. Make: (Legrand/MK) a. Plastic Trunking 50mm x 50mm. b. Plastic Trunking 100mm x 50mm.	750mtr 160mtr	mtr mtr		
3.	Charges for fixing following accessories suitable for 50mm x 50mm and 100mm x 50mm cable management system. a. End caps b. Cable Clips c. Internal angle d. External angle	50nos. 500nos. 100nos. 70nos.	Each Each Each Each		
4.	Charges for drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface CMS/PVC conduit as required. Make : Polycab a. 3 x 4 sq mm	750mtr	mtr		

	<p>b. 6 x 4 sq mm</p> <p>c. 3 x 6 sq mm</p> <p>d. 6 x 6sq mm</p>	500mtr	mtr		
		500mtr	mtr		
		300mtr	mtr		
5.	Charges for fixing 2way/4way prewired sheet steel, MCB enclosure box on surface and MCB including screws and PVC plug etc as required.	50nos.	Each		
6.	Charges for fixing 20 amps, 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, socket out let and complete with connections, testing and commissioning etc. as required. (Legrand /Hager).	10nos.	Each		
7.	Charges for 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.				
	a. 63A Triple pole MCB.	6nos.	Each		
	b. 32A Triple pole MCB.	40nos.	Each		
	c. 32A 4 pole MCB.	50nos.	Each		
	d. 6 amp to 32 amp single pole MCB.	140nos.	Each		
8.	Supplying and fixing following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	a. 25mm	400mtr	mtr		
	b. 32mm	200mtr	mtr		
9.	Earthing with G.I earth pipe 4.5mtr long 40mm dia (medium class) including accessories and providing masonry enclosure with cover plate etc. with charcoal and salt as required.	6set.	set		

10.	Providing and fixing 25mm x 6 mm copper strip on surface or in recess for connections etc. as required.	60mtr	Mtr		
11.	Providing and fixing 25mm x 6mm copper strip in 40mm dia G.I pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	36mtr	Mtr		
12.	Providing and fixing 8 SWG dia copper wire on surface or in recess for loop earthing as required.	200mtr	Mtr		
				Total	

Terms & Conditions:

1. The work shall be carried out strictly in accordance with CPWD General Specifications for the Electrical works as amended up to date.
2. Prior approval of the Engineer in charge is required for all the materials to be used on works. Non- standard quality materials shall not be acceptable.
3. Bad workmanship shall not be accepted. Such work is liable for rejection and shall be rectified by the contractor at his own risk and cost.
4. Your quotation shall be accompanied with tender document Rs.520/- and EMD for an amount of Rs.6,200/- in the form of a DD drawn infavour of "Finance officer, Pondicherry University" payable at Pondicherry.
5. Payment will be arranged after satisfactory completion of the work.
6. Amount will be arrived on the actual works done basis.
7. The work should be carried out immediately on receipts of this work order.
8. The rate for each item of work to be quoted in the enclosed schedule of work format only otherwise, the quotation in any other format is considered as invalid quotation.
9. The work should be completed within two months from the date of issue of the work order.

Name and signature of the Firm/Agency
/Contractor with Seal.

ASSISTANT ENGINEER(E)