

**PONDICHERRY UNIVERSITY  
ELECTRICAL WING**

**Scheduled of work**

**Name of the Work:** Internal and External Electrification for three stock room in Library building.

Sl. No.	Description of Items	Qty	Unit	Rate	Amount
1.	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. 20mm b. 25mm c. 32mm	100m 150m 100m	Mtrs Mtrs Mtrs		
2.	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required. Wire Make: Polycap / RR Kable. a. 3 x 4sq mm b. 6 x 4sq mm c. 9 x 4sq mm	100 m 130 m 110 m	Mtrs Mtrs Mtrs		
3.	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).	15nos.	Each		
4.	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 busbar, common neutral link, earth				

	bar, din bar for mounting MCB's, detachable gland/ knock out plate, (but without income rand MCB's) as reqd. (Legrend/Hager). a. MDS cat no. 6077 51.	3 no.	Each		
5.	Supplying and fixing following rating, 'C' series, miniature circuit breaker suitable for inductive loads of Single Pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.(Legrand/Hager).  a. 6A to 32A single pole MCB.  b. 63A 3pole MCB.	15 nos.	Each		
		3nos.	Each		
6.	Supplying and fixing following TPN/415/50HZ Switch Disconnected Fuse Unit with DIN type fuse including enclosure in the existing panel board and supplying fixing suitable size Alu bus linking from bus bar to switch. Make L&T, GE. a. 200A TPN SDFU	1no.	Each		
7.	Supply of following size of XLPE insulated, sheathed armoured UG aluminium conductor power cable 1.1 KV grade as required. (make: Polycab, Havells) a. 4 x 50 sq mm.  b. 3.5 x 70 sq mm.	16mtr	Mtr		
		85mtr	mtr		
8.	Laying of one number PVC insulated and PVC sheathed /XLPE armored aluminum conductor power cable 1.1 KV grade of size upto 95sqmm direct in ground i/c excavation sand cushioning protective covering and refilling the trench etc as reqd.	25mtr	Mtr		
9.	Laying and fixing of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size on wall surface as required. a. Above 35sq mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	100mtr	Mtr		
10.	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed/XLPE alu conductor cable of 1.1kv grade as required.				

	a. 4 x 50 sq mm.	4nos.	Each		
	b. 3.5 x 70 sq mm.	2nos.	Each		
11.	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.	2 set	set		
12.	Providing and fixing 4.00mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	80mtr	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. Payment will be arranged after satisfactory completion of the work.
5. Amount will be arrived on the actual works done basis.
6. The work should be carried out immediately on receipts of this work order.
7. Your quotation shall be accompanied with EMD in the form of a DD of any Nationalized Bank drawn in favour of "Finance officer, Pondicherry University" payable at Pondicherry for an amount not less than 2.0% of the total value of your offer.
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 10 days from the date of issue of the work order.

Name and signature of the Firm/  
Agencies/Contractor with Seal

ASSISTANT ENGINEER(E)