

PONDICHERRY UNIVERSITY
ELECTRICAL WING

SCHEDULE OF WORK

Name of Work: Replacing damaged lower rating UG cable into 50 sq.mm UG cable from Health Centre feeder pillar to quarter's pump house.

Item No.	Description of Item	Qty.	Unit	Rate	Amount
1.	Supplying PVC insulated PVC sheathed / XLPE aluminium conductor of 1.1KV grade armoured UG cable conforming to relevant ISI specifications as follows. Make: Polycab / Havells / Universal / RR Kable / Finolex. a. 4 x 50 sq.mm	65 mtr	mtr		
2.	Laying of one number of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade of following size direct in ground including excavation, river sand cushioning, protective covering and refilling the trench etc., as required.(Manual excavation) a. Above 35 sq.mm and upto 95 sq.mm	50 mtr	mtr		
3.	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 35 sq.mm and upto 95 sq.mm	15 mtr	mtr		
4.	Supplying and making end termination with double compression brass gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor UG cable of 1.1 KV grade as required. a. 4 x 50 sq.mm	2 nos.	Each		
5.	Providing and laying 6" dia 6Kg PVC pipe across the road / pavement etc., including cutting the road, excavation, refilling etc., as required. Make: Finolex	18 mtr	mtr		
6.	Providing cement concrete 1:3:6(1 cement: 3 coarse sand: 6 graded stone aggregate 20mm size) of 5" thickness in the road cutting, curing etc., as required.	1 cum	Cum		
7.	Supplying and fixing multi functioning digital meter, current ranging up to 100A.	1 no.	Each		
Total					