

**PONDICHERRY UNIVERSITY
ELECTRICAL WORK**

SCHEDULE OF WORK

Name of the Work: UG cable Joint & Transformer oil filtration works at Karaikal Campus

S.No.	Description of Item	Qty	Unit	Rate	Amount
1 7.1.4	Laying of one number of PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench et. As required. Above 185 sq. mm and up to 400 sq.mm	82	meter		
2.	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC Sheathed/XLPE aluminium conductor cable of 1.1 KV grade as required. 3.5 X 240 sq.mm	1	each		
6.	Filtration of transformer oil for 315 KVA transformers with three or more circulations and bringing the oil to the standard value of 30 KV for one minute, in high vacuum stream line filter unit, including cleaning the transformer, arresting minor oil leakages as required.	1 Job	job		
7.	De rusting and painting of transformer & plinth including painting the earth and neutral strips between the transformers with one coat of enamel paint of approved colour.	1	each		

8.	Supply and replacement of 315 KVA transformer LT/HT side gaskets by draining the oil and refilling the oil as required, and replacement of conservator tank oil level indicator.	1 job	Job		
9.	Supply of transformer oil confirming to IS standard 335 for topping up. Make: Electrol	10	litres		
10.	Charges for testing acidity of the oil from the approved chemical laboratory.	1	each		
11.	Charges for BDV test using standard test kit and issue test certificate for the test result. The oil has to be tested after and before the purification/replacement of oil.	1	each		
Total					

CONTRACTOR/SUPPLIER
With Seal

ASSISTANT ENGINEER (E)
PONDICHERY UNIVERSITY