

PONDICHERRY UNIVERSITY
ELECTRICAL WING

Schedule

Name of work: Purification of transformer oil at various Sub Stations, painting the HT tubular poles and servicing the AB switches at university Campus for the year 2014.

Sl. No.	Description of Item	Qty.	Unit	Rate	Amount
1.	Purification of oil in the following KVA outdoor plinth mountable LT distribution transformer for three circulations by streamline process method up to the rated BDV. a) 250 KVA Transformer b) 315 KVA Transformer c) 500 KVA Transformer	1no. 8 nos. 3 nos.	Each Each Each		
2.	Purification of oil in the following KVA compact LT distribution transformer for three circulations by streamline process method up to the rated BDV. a) 500KVA Transformer.	5nos.	Each		
3	Replacing the damaged gas kit (HT, LT side, looping box and oil tank) for the 315KVA transformer by draining the oil and refilling the oil as required.	1no.	Each		
4.	Replacing the damaged gas kit (LT side and looping box gas kit) for the 500KVA transformer by draining the oil and refilling the oil as required	1no.	Each		

5.	De rusting and painting of transformer including painting the earth and neutral strips between the transformer with one coat of enamel paint of approved colour.	11nos.	Each		
6.	Topping up additional transformer oil and replacing old oil from transformer conform to IS specification 335 if required for the transformers after purification. Oil Make:Electrol	300 lts.	Lts.		
7.	Supply and replacing silica gel in the breather up to MVA rating of transformers.	5Kg	Kg		
8.	Servicing of 22 KV grade, 400A air blast switch set by applying the grease and correct the switch for smooth operation as required.	15 sets	Each		
9.	Replacement of following accessories in 400A air blast switch set as required. a) Female contract. b) Spring.	3nos. 10nos.	Each Each		
10.	Supply and replacement of suitable Bi-metallic clamp in the connection terminal of the ACSR conductors and copper conductors as required. (heavy)	30nos.	Each		
11.	Painting of 22 KV outdoor following tubular pole structure, structure channels with one coat of zinc chromate primer and one coat of aluminum paint. a) Double pole structure. b) Triple pole structure.	8 nos. 1 no.	Each Each		

12.	Charges for BDV test using standard test kit and should issue test certificate for the test result. The oil has to be tested after and before the purification/ replacement of oil.	17 nos.	Each		
13.	Charges for testing acidity of the oil from the approved chemical lab.	17 nos.	Each		
14.	Supplying of Bi-metallic clamp (heavy).	30nos.	Each		
15.	Supplying and fixing 25mm x 6mm copper strip on surface or in recess for connections of transformer neutral earthing etc., as required.	25mtr	mtr		
				Total	