

**PONDICHERRY UNIVERSITY  
ELECTRICAL WING**

**SCHEDULE OF WORK**

**Name of the Work: Rerouting of HT over head line from construction area of the  
Convention Centre, Pondicherry University.**

Sl. No	Description of Materials	Qty.	Unit	Rate	Amount
1.	Supply of 9.5mtr M.S steel Tubular swaged poles (5"x 4" x 3") including cap at top and square plate of size 300mmx300mm welded at the bottom as required.	2nos.	Each		
2.	Supplying and erection of ACSR conductor of size 7/3.35 mm diameter including binding etc., as required.	500mtr	mtr		
3.	Supplying and erection of 11KV disc insulator for 22KV over head lines as required.	50nos.	Each		
4.	Supplying and erection of 22 KV disc metal parts for 22KV over head lines cut point as required.	25nos.	Each		
5.	Supplying and erection of 22KV pin insulator for 22KV over head lines complete with G.I spindle and nuts etc as required.	20nos	Each		
6.	Supplying and fixing of 'F' type M.S. clamp suitable for fixing 22KV pin insulator in the 22KV over head pole as required.	8nos.	Each		
7.	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required. Above 8.0 metre and upto 10.0 metre	6nos.	Each		
8.	Providing and making steel pole collar with cement concrete (1cement: 3 coarse sand: 6 stone aggregate 20mm) of specified size and shape including form work, plastering if required, curing etc as required. (Volume of pole/ pipe not to be deducted)	5Cum	Cum		
9.	Supplying and erection of galvanised stay set for 22 KV overhead lines complete with 19/ 20 mm dia X 1.8 metres long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm thick, thimble, stay clamps, turn buckle ( 20 mm X 600 mm ), 7/ 4.00 mm dia G.I. stay wire and 22 KV strain insulator etc in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) foundation including excavation and refilling etc. as required.	10nos.	Each		

10.	Supplying of channel iron 75 mm X 40 mm X 6 mm (7.14 kg per metre) pole top bracket/ cross arm for single 22 KV over head line conductor complete with 50 mm X 6mm flat iron clamp, bolts, nuts and washers including drilling holes for insulator pins, bolts and nuts etc and painting with primer and finish paint as required.	10nos.	Each		
11.	Supplying of 50 mm X 8 mm M.S. flat iron pole top bracket/ cross arm for single 11/22/33 KV over head line conductor complete with fixing clamps, bolts, nuts and washers drilling holes for insulator pins, bolts and nuts etc and painting with primer and finish paint as required .	5nos.	Each		
12.	Supplying and erection of G.I. wire No.8 SWG including Binding etc. as required.	60mtr	mtr		
<b>TOTAL</b>					