

**PONDICHERRY UNIVERSITY
ELECTRICAL WING**

SCHEDULE OF WORK

Name of the Work: Laying of 22KV HT underground cable of 240 sq.mm. in the University Campus.

Sl. No.	Description of Materials	Quantity	Unit	Rate	Amount
1.	Supplying of 3C – 240sq.mm 22KV XLPE aluminium conductor cable etc., as required. Make : Polycab/ Havells	60 mtr	mtr		
2.	Laying of one number PVC insulated, PVC sheathed/ XLPE power cable of grade exceeding 1.1 KV but not exceeding 22 KV, of size not exceeding 400 sq.mm direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required (1.2m depth x 0.3m width)	40 mtr	mtr		
3.	Supply and making OUTDOOR cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, 185sq.mm, XLPE aluminium conductor cable of 22 KV grade as required.	2 nos.	Each		
4.	Providing and laying 6" dia OD, medium class G.I pipe for road across including cutting making good the same with PCC etc., as required.	6 mtr	mtr		
5.	Supplying and making cable route marker with cement concrete 1:2:4 (1cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) of size 30cm x 30cm x30cm at the bottom with 35mm x 35mm x 6mm iron angle 60cm long with oval shape G.I plate of 15cm minimum dia marked with HT CABLE fixed in the iron angle as required.	5 nos.	Each		
Total					

ASSISTANT ENGINEER (E)