

Annexure 'C'			
LABOUR RATES SCHEDULE FOR LAYING OF UNDER GROUND CABLE 2019-20			
Sr No	Description	Unit	MGVCL Rate for 2019-20
1	Excavation of trench 0.5Mtr. Wide and 1 Mtr. Deep for laying of HT/LT underground cable of size upto 300Sq.mm PILC or XLPE. (The cable should be laid on bed of sand and to cover cable with half round RCC pipe 6" internal dia and length of one meter along with each bottom and top.) The entire trench there after should be refilled with earth dully rammed up to ground level As perDrg.No MGVCL/Tech/UG Cable/01/12-13	MTR	96
2	Excavation of trench 0.75Mtr. Wide and 1 Mtr. Deep for laying of double HT/LT underground cable of size upto 300Sq.mm PILC or XLPE. (The cable should be laid on bed of sand and to cover cable with half round RCC pipe 6" internal dia and length of one meter along with each bottom and top.)The entire trench there after should be refilled with earth dully rammed up to ground level As perDrg.No MGVCL/Tech/UG Cable/02/12-13	MTR	143
3	Laying/Relaying of cable in Cable trench & from ground level to pole structure for providing outdoor cable joints.	MTR	39
4	Laying / Relaying XLPE/PILC cable by digging of pits, removal of old cable and laying of new cable on sand bad as per item No.1 above.	MTR	118
5	Widening & refilling with earth dully rammed the trench for laying additional No. of cable. For item No.1 above.	MTR	39
6	Add : Charges for digging of tar road for laying of cables over and above digging of pit in normal soil as per Sr.No. 1.	MTR	32
7 & 8	Laying of U/G 11KV XLPE cable by Push & Pull method (MANUAL / BY Horizontal Directional MACHINE)thru with HDPE pipe 110mm Diameter,5.3 to 6 mm thickness or 4" diameter GI Pipe without damaging surface of the road by horizontal boring / drilling method (Excluding cost of HDPE pipe 4"GI Pipe) as per Drawing and specification	MTR	297



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LABOUR RATES SCHEDULE FOR LAYING OF UNDER GROUND CABLE 2018-19

Sr No	Description	Unit	Proposed MGVCL Rate for 2019-20
9(A)	Moulding of cable joint (St.joint,indoor and outdoor) for XLPE cable- labour charges,for Urban area.	No.	2229
9(B)	Moulding of cable joint (St.joint,indoor and outdoor) for XLPE cable- labour charges,forRural area.		2707
10	Moulding of cable joint (St.joint,indoor and outdoor) for LT PVC cable	No.	717
11	Preparing of Digital map of underground network by capturing Geographical co-ordinates with GPS Instrument (having accuracy within 1.0 Mtr) and superimposing the digital map on high resolution Google map.	KM	1000
12	Supply & fixing labour charge for providing Bricks (size 9"X 4"X3")layer (4" side layer 10 Nos of Bricks per meter length of cable Top side + 9" side layer 4.5 nos X 2 side=10+9=19 Nos /Running Meter) for 11KV XLPE Cable Mechanical protection (only top sied layer) at cable ring (loop) location, as per instruction of Engineer in Charge @ Rs. 4/- per Bricks current market rate F.O.R Site delivery	No.	4
13	Supply & laying in cable trench at 300 mm to 450 mm deep from ground level Warning Tape of 8" Eight inch width of 300 micron LDPE materials for protection of U/G Cable laid underground during any excavation work as per instruction of Eingeener in Charge (Rs. 9 per Mtr Material Cost + Rs 2.50 per Mtr F.O.R. Site carting & laying labour charge above cable in excavated trench = Rs. 11.50 per Meter)	RMTR	7
MATERIAL SUPPLY RATES			
14 & 15	Supply of HDPE pipe for laying 11KV XLPE cable 110mm nominal diameter & 5.3 to 6 mm thickness as per IS:4984	RMTR	296
16	Supply of half round RCC hume pipe 6" internal dia & length of 1 Mtr.	No.	100



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MATERIAL SUPPLY RATES			MGVCL Rate for 2019-20
17	Supply of medium grade GI pipe of size 4" dia(Including clamping the cable with pole)	RMTR	425
18	Supply of sand 0.300x0.500X1.00mtr (Layer at bottom of cable trench approximately 0.15cmt) As perDrg.No MGVCL/Tech/UG Cable/01/12-13	RMTR	106
19	Supply of sand 0.300x0.750X1.00mtr (Layer at bottom of cable trench approximately 0.225cmt) As perDrg.No MGVCL/Tech/UG Cable/02/12-13	RMTR	159
RATE FOR ROUTE MARKER			
20	Providing & supplying, fixing route marker of C.C.1:2:4, 150mm x 150mmx750mm concrete stone (MGVCL marked with approved yellow colour) embedded in Earth at least 300mm below the G.L. & 450mm above G.L. at distance approx. 100 Mtr. or as directed by engineer incharge.(This Includes material & Labour charges for excavation &refilling)	No.	132
Cost of Transformer Plinth for 200/500/25/63/100 KVA of Size 2.44X2.44X1.50 Mtr/ 3.35X3.35X1.50 Mtr			
21	Transformer Plinth without Fencing		
A	Plinth Size 2.44X2.44X1.50 Mtr	No.	35060
B	Plinth Size 3.35 3.35X 1.50 Mtr	No.	52810
22	Cost of Chain link Fencing around Transformer Plinth	RMT	950
23	Cost of FRP Fencing around Transformer Plinth	RMT	2514