

**MADHYA GUJARAT VIJ COMPANY LIMITED**

Vishwamitri East Division Office
Jawaharlal Nehru Marg, Motibaug,
VADODARA-390001

CIN: U40102GJ2003SGC042907

Web site: www.mgvcl.com

TENDER NOTICE NO.: VED/Tech/JE-II/2154

Dated: 29.06.2026

ARC for Laying of HT underground cable under jurisdiction of Karelibaug sub-division and any other SDNs under VISHWAMITRI EAST Division office.

“Schedule-B”

Sr. No.	Item code	Description	Rate	Unit
1	9913000011	Excavation of trench 0.5 Mtr. Wide and 1 mtr. Deep for laying of HT/LT underground cable of size up to 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 should thereafter be refilled. Material should be supplied by contractor at his own cost as per directives of Engr-in-charge. As per Drg. No MGVCL/Tech/UG Cable/01/12-13(Attached here with)	148	Mtr.
2	9913000015	Supply of HDPE pipe for laying 11 KV XLPE cable 110mm nominal diameter & 5.3 to 6 mm thickness as per IS:4984	296	RMTR
3	9913000018	Supply of half round RCC Hume pipe 6" internal dia & length of 1mtr	100	No.
4	9913000014	Supply of medium grade GI pipe of 4" dia, including clamping of cable with pole for protection of cable.	459	RMTR
5	9913000020	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	50	Mtr.
6	9913000010	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.	1462	Km
7	9913000013	Laying/Relaying of cable in Cable trench & from ground level to pole structure for providing outdoor cable joints.	60	Mtr.



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8	9913000023	Excavation of trench 0.75mtr. Wide and 1 mtr. Deep for laying of double HT/LT underground cable of size upto 300sq.mm PILC/XLPE cable. The cable should be laid on bed of sand and to cover cable with half round RCC pipe size 6" internal diameter and length of 1 mtr. along with each bottom and top. The entire trench thereafter should be refilled with earth dully rammed up to ground level. As per Drg. Np. MGVCL/Tech./UG cable/02/12-12.	219	Mtr
9	9913000042	Laying of U/G 11KV XLPE cable by Push & Pull method (MANUAL / By Horizontal Directional Machine) through with HDPE pipe 110 mm Dia, 5.3 mm to 6mm thickness or 6" 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.	456	Mtr
10	9902050002	Moulding of cable joint (St. joint, indoor and outdoor) for XLPE cable -labour charges. For Urban Area	3258	No.
11	9913000040	Widening & refilling with earth dully rammed the trench for laying additional no. of cable . For Item code No.9913000011.	60	Mtr
12	9913000009	Providing & supplying, fixing route marker of C.C. 1:2:4, 150mm x 150mm x 750mm 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 in charge. (This includes material and labor charges for excavation and refilling)	143	No.
13	9913000039	Laying / Relaying XLPE/PILC cable by digging of pits, removal of old cable and laying of new cable on sand bed as per item No.1 above. The entire trench should thereafter be refilled with earth duly rammed up to ground level and old cable should be credited to lalbaug store.	181	Mtr
14	9913000049	Supply of sand 0.300X0.500X1.00 mtr. (Layer at bottom of cable trench approximately 0.15 Cmt) as per Drawing No. MGVCL/Tech./UG Cable/01/12-13	114	RMtr
15	9913000050	Supply of sand 0.300X0.750X1.00 mtr. (Layer at bottom of cable trench approximately 0.225 Cmt) as per Drawing No. MGVCL/Tech./UG Cable/02/12-13	172	RMtr
16	9902050005	Moulding of cable joint (St. joint, indoor and outdoor) for LT PVC cable	1048	No

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17	9908000130	Labour charge for unskilled labour per day for digging cable and refilling	487	No
		ESTIMATED AMOUNT INCLUDING GST	4188580 + 753944.4 = 4942524.4	

Note:-

1. If the emergency jointing work of cable would not be started within six hours from verbal instruction of Engineer-in-charge from sub-division, the penalty will be charged @ Rs.200/- per occasion.
2. If Bricks are required to be used in place of half round RCC pipe, rate of bricks will be paid separately at existing market rate with the approval of the undersigned.
3. In case any joint fails within one year due to poor workmanship, it should be replaced free of cost by you, else, the charges for the same will be deducted from your bill.
4. For laying of double circuit, both cables should be covered with separate RCC hume pipe of 6" diameter.

**Seal & Sign of
Contractor With
Rubber Stamp.**

**Exe. Engineer
MGVCL
VED**

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“Schedule - A”

Schedule showing approximately the materials to be supplied from the Departmental Store for work entrusted to any contractor for execution and the rate at which they are charged for.

Sr. No	Particular	Rate at Which Material will be Supplied	Delivery Place
1	All refilling materials like Sand, pipes etc. (cost of sand will be given as per schedule)	To be procured by Contractor Rates are inclusive. (Given in Schedule-B)	
2	Every kind of tools like crimping tools, Jack, Instruments or equipments needed for the job	To be procured by Contractor Rates are inclusive.	
3	Half round RCC Pipe 1 Mtr. Long pieces. Dia 6” as mentioned in Schedule ‘B’	To be procured by Contractor Rates are inclusive. (Given in Schedule-B)	
4	Cable of size 70mm ² to 300mm ² .	Free of Cost	Divisional Store Pratapnagar / West Division or anywhere in Baroda or S.Dn Store
5	Cable jointing kits (PILC and XLPE), Indoor/outdoor straight joints.	Free of Cost	Divisional Store / Sub Division Store.
6	Necessary fabrication like angle, side clamps, nut bolts.	Free of Cost	Divisional Store / Sub Division Store.

Note: - 1. No Transportation charge will be given for any material; either it is supplied by MGVCL or Contractor.

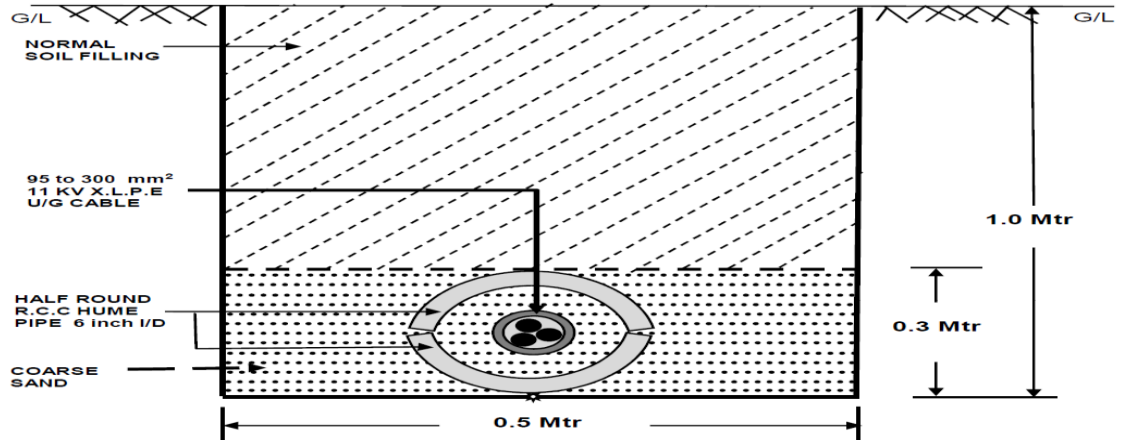
2. For non crediting empty drums by contractor Rs. 150/- per Drum will be recovered from the Bill.

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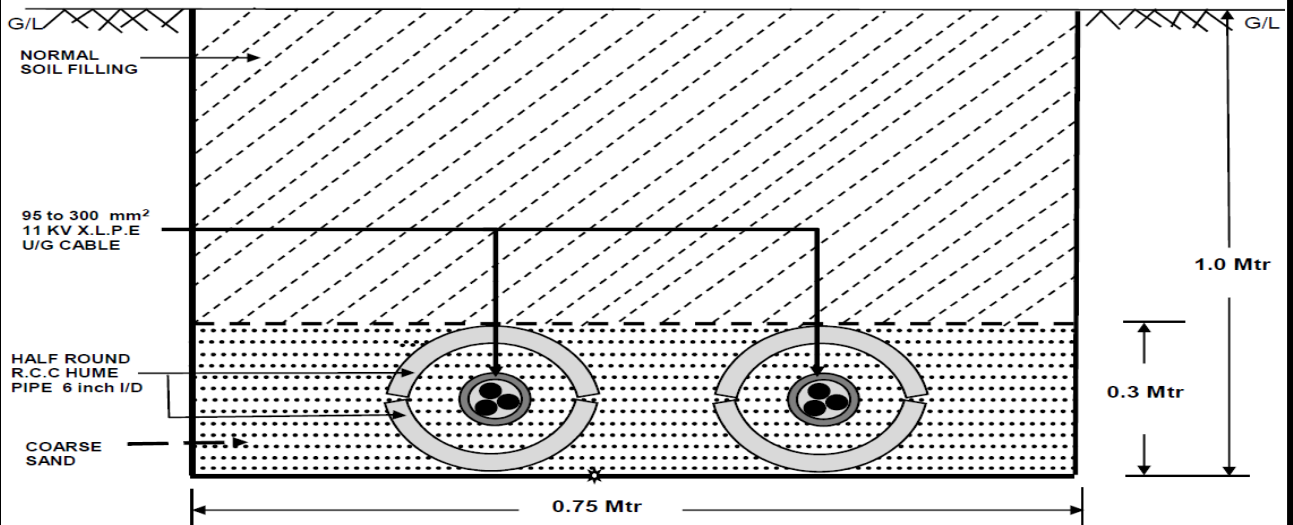
DRAWING FOR LAYING OF ONE NO 11 KV 95 to 300 mm² X.L.P.E. UNDER GROUND CABLE



Drg.No MGVCL/Tech/UG Cable/01/12-13



DRAWING FOR LAYING OF TWO NOS 11 KV 95 to 300 mm² X.L.P.E. UNDER GROUND CABLES



Drg.No MGVCL/Tech/UG Cable/02/12-13

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