



UGVCL/TALOD DIVISION/E-TENDER/2026-27/ No.15

OPEN TENDER FOR LAYING OF UNDERGROUND CABLE, FAULT FINDING & RECTIFICATION WORK AT VARIOUS SDN UNDER TALOD DO.					
Sr.No.	Description	Unit	Quantity	Rate per Unit in Rs.	Total Amount in Rs.
1	Laying (including installation, testing and commissioning) of various size of Single circuit 11 KV XLPE insulated Alluminum armoured Cable in ground 1200 mm deep and 300 mm wide trench, providing sand cushioning below (75 mm thick layer of sand) and above (75 mm thick layer of sand) of the cable and covering it with RCC half round Hume pipe (150 mm inner diameter with thickness of 30 mm and One meter in length) before refilling pre-bonding tap/warning tap should provide below 700 mm from the ground level and back filling the same to make ground level as per original. As per specification and drawing of UGVCL. (RCC half round pipe should be provide throughout on cable without gap). Only Cable will be supplied by UGVCL.	MTR	200	335	67000
2	Laying (including installation, testing and commissioning) of various size of Double circuit 11 KV XLPE insulated Aluminum armoured Cable in ground in single trench 1200 mm deep and 500 mm wide trench, providing sand cushioning below (75 mm thick layer of sand) and above (75 mm thick layer of sand) of the cable and covering it with RCC half round Hume pipe (150 mm inner diameter with thickness of 30 mm and One meter in length) before refilling pre-bonding tap/warning tap should provide below 700 mm from the ground level and back filling the same to make ground level as per original. As per specification and drawing of UGVCL. (RCC half round pipe should be provide throughout on cable without gap). Only Cable will be Supplied by UGVCL.	MTR	200	468	93600
3	Laying of various size of 11 KV XLPE insulatedAluminium armoured cable above ground in air for termination of cable on pole as	MTR	150	38	5700

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Uttar Gujarat Vij Company Limited

CIN - U40102GJ2003SGC042906

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	per site condition and instruction of engineer in charge (Excluding cost of clamp and pipe)ground level as per original. As per specification and drawing of UGVCL(RCC half round pipe should be provide throughout in cable without gap, Only cable will be supplied by UGVCL				
4	Supply and installation for set of clamps of clamps made from 50*6 mm GI flat (Min weight of flat 1.6 KG per set) for fitting for 110mm GI/HDPE pipe above ground with the pole (with cost of nuts & bolts)	Nos.	100	130	13000
5	Supply and installation for set of clamps of clamps made from 50 x6 mm GI flat (Min weight of felt 1.8 KG per set) for fitting for 160mm GI/HDPE pipe above ground with the pole (with cost of nuts & bolts)	Nos.	100	150	15000
6	Laying of various sizes of 11 kv XLPE insulated Aluminium armoured cable in cable tray/trench over / below the ground level(Excluding cable tray, only labour charges)	MTR	100	150	15000
7	Laying of HDPE pipe confirming to IS 4984:1955(Amendement no.2) having diameter 110 mm and minimum thickness 5mm at a minimum depth of 1200mm below the road surface by push through method by drilling the road with HDD machine/manually without breking the road surface and laying of nay size of HT/LT XLPE insulated aluminum the duct as per the instruction of EIC and specifications (without cost of HDPE pipe,cable will be supplied by UGVCL)	MTR	120	825	99000
8	Supply of HDPE pipe having 110/120 mm diameter (As required), minimum thickness 5 mm as per IS (Amendement no.2 IS 4894:1995) for laying of PE 100,6kg/cm2 for 11 kc XLPE cable.	MTR	100	525	52500
9	Supply and Fixing of medium grade GI pipe of size of 110 mm Diameter (Min 2.5 meter required) Weight 9 to 10 kg/Mtr.	MTR	100	925	92500
10	Indoor application: HT push on/heat shrinktype end termination preferably for at switchgear end boxes, transformer(PAD/Pole mounted) for 3 core 185 Sq mm11 kV XLPE Aluminium Conductor Armoured cable as specified with connection of leadsincluding cutting, stripping of cable, insulations, providing compression type	Nos.	25	4953	123825

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	terminals, crimping of lugs with suitable crimping tool. (As per Technical Specification)				
11	Indoor application: HT push on/heat shrink type end termination preferably for at switchgear end boxes, transformer(PAD/Pole mounted) for 3 core 240 Sq mm 11 kV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting, stripping of cable, insulations, providing compression type terminals, crimping of lugs with suitable crimping tool. (As per Technical Specification)	Nos.	30	5252	157560
12	Providing and fixing HT push on/heat shrink type end outdoor termination kit of 3M/Raychem/Frontier/Yamuna make at switchgear end boxes, transformer (PAD/Pole mounted) for 3 core 11 KV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting, stripping of cable , insulations, providing compression type terminal, crimping of lugs with suitable crimping tool, outdoor application(120/150/185 mm ² HT XLPE Cable)	MTR	30	5982	179460
13	Providing and fixing HT push on/heat shrink type end outdoor termination kit of 3M/Raychem/Frontier/Yamuna make at switchgear end boxes, transformer (PAD/Pole mounted) for 3 core 11 KV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting, stripping of cable , insulations, providing compression type terminal, crimping of lugs with suitable crimping tool, outdoor application(240mm ² HT XLPE Cable)	MTR	25	6378	159450
14	Providing and fixing HT push on/heat shrink type Straight joint 3M/Raychem/Frontier/Yamuna make for 3 core 11 KV XLPE Aluminium Conductor Armoured cable as specified with connection of leads including cutting, stripping of cable, insulations, providing compression type terminals, crimping of lugs with suitable crimping tool. (120/150/185 mm ² HT XLPE Cable)	MTR	25	7655	191375
15	Providing and fixing HT push on/heat shrink type Straight joint 3M/Raychem/Frontier/Yamuna make for 3 core 11 KV XLPE Aluminium Conductor Armoured cable as specified with	MTR	30	7880	236400

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	connection of leads including cutting, stripping of cable, insulations, providing compression type terminals, crimping of luges with suitable crimping tool. (240 mm 2 HT XLPE Cable)				
16	Providing and fixing of Route Marker of CC 1:2:4, 150mm*150mm*750mm concrete stone embedded in earth atleast 300mm below the GI and 450mm above GI at distance of approximately 100 mtr or as directed by engineer in charge The route marker must be painted with yellow colour of stone with red colour for embracing on stone UGVCL 11 KV cable	MTR	55	400	22000
17	labour charges for HT cable underground fault detection	Nos.	50	15000	75000
18	Digging Labour Charge per fault	Nos.	50	1000	50000
19	Supplying & Erecting of maintaince free earthing System comprising of 17.2mm dia 3mtr Long earthing electrode of low carbon steel electrode with 250 micrns copper coating on cable armour as per specifications.	Nos.	40	4075	163000
20	Supply installation & commissioning of earthing conductor 25x3 mmG.I. strip for pole mounted transformer and upto FSP,RMU as well as connection to be made To the earth pit. Rates inclusive of hot dipped hard wares & cable armour	MTR	43	36	1548
21	FRP Clamp for cable	Nos.	65	130	8450
22	FRP Clamp for Pipe	Nos.	65	150	9750
23	Cable Climbing on pole	Mtr.	65	170	11050
24	Welfare Cess @ 1% of Estimated Cost	Each	1	25171.68	25171.68
25	GST @ 18 %	Each	1	457621.14	457621.14
	TOTAL AMOUNT OF TENDER (In Rs.)				2999960.82

**EXECUTIVE ENGINEER
UGVCL, TALOD DO**

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