



UTTAR GUJARAT VIJ COMPANY LIMITED

CIN – U40102GJ2003SGC042906,GST No.-24AAACU6551F1Z1

SCHEDULE:B Tender for work of U/G 11KV 185/240/300 mm² XLPE cable laying, fault finding and provide & fixing outdoor, Indoor cable box & Straight Joint Kit for work for Detroj Sdn under Kadi Division under Mehsana Circle. PR-449096. RFQ-62927

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 Aluminum 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	4000	335	1340000
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	50	468	23400
3	Labour work for laying of HT cable open from air grounding to gentry including carting.	MTR	100	38	3800
4	Supply and Installation of clamps made from 50*6 mm GI flat (Minimum weight of flat 1.6 Kg per Set) for fitting for 110 mm GI/HDPE Pipe above ground with the Pole including cost of nuts & bolts.	SET	50	130	6500
5	Supply and Installation of clamps made from 50*6 mm GI flat (Minimum weight of flat 1.8 Kg per Set) for fitting for 160 mm GI/HDPE Pipe above ground with the Pole including cost of nuts & bolts.	SET	50	150	7500

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6	Laying of various sizes of 11 KV XLPE insulated Aluminum armoured Cable in Cable Tray/ Trench over/below the ground level excluding Cable Tray/Trench.	MTR	50	150	7500
7	Laying of HDPE Pipe confirming to IS 4984:1955 (Amendment no. 2) having 160 mm Diameter and minimum 5 mm Thickness at a minimum Depth of 1200 mm below the road surface by Push through method, drilling the road with HDD machine/manually without breaking the road surface and laying of any size of HT XLPE insulated Aluminum armoured Cable through the duct as per the instruction of EIC and specifications excluding cost of HDPE Pipe. Only Cable will be supplied by UGVCL. (For 240 & 300 mm ² XLPE cable)	MTR	900	800	720000
8	Supply of HDPE Pipe having 160 mm Diameter and minimum 5 mm Thickness confirming to IS 4984:1955 (Amendment no. 2) for laying of 11 KV XLPE Cable.	MTR	100	640	64000
11	Supply of HDPE Pipe having 110 mm Diameter and minimum 5 mm Thickness confirming to IS 4984:1955 (Amendment no. 2) for laying of 11 KV XLPE Cable.	MTR	50	525	26250
15	Supply and Fixing of Medium grade GI Pipe having 160 mm Diameter and minimum length 2.5 meter required having weight 10 to 11 kG / Mtr.	MTR	50	800	40000
16	Providing and Fixing of Heat Shrinkable Indoor Termination Kits for for 3-Core, 11 KV XLPE Aluminum 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. (Quality make of Raychem / 3M (M-Seal) / Densons / Vikchem etc.)	NO			
A	185 mm ² HT XLPE Cable	NO	5	4953	24765
B	240 mm ² HT XLPE Cable	NO	2	5252	10504
C	300 mm ² HT XLPE Cable	NO	1	5549	5549
17	Providing and Fixing of Heat Shrinkable Outdoor Termination Kits for 3-Core, 11 KV XLPE Aluminum 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. (Quality make of Raychem / 3M (M-Seal) / Densons / Vikchem etc.)				
A	185 mm ² HT XLPE Cable	NO	5	5982	29910
B	240 mm ² HT XLPE Cable	NO	2	6378	12756
C	300 mm ² HT XLPE Cable	NO	1	6676	6676

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18	Providing and Fixing of Heat Shrinkable Straight Jointing Kits for for 3-Core, 11 KV XLPE Aluminum 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. (Quality make of Raychem / 3M (M-Seal) / Densons / Vikchem etc.)				
A	185 mm ² HT XLPE Cable	NO	10	7655	76550
B	240 mm ² HT XLPE Cable	NO	5	7880	39400
C	300 mm ² HT XLPE Cable	NO	1	8040	8040
19	Providing and Fixing of “Route marker” of CC 1:2:4, 150 mm X 150 mm X 750 mm Concrete stone embedded in earth at least 300 mm below the GL and 450 mm above GL at distance of approximately 100 Meter 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” including material, painting & labour charges for excavation & refilling.	MTR	10	400	4000
20	Providing material & fixing Earthing of cable using G I Pipe, good quality and as per specification. and as per Instruction of E.I.C.	No	10	2200	22000
21	Labour work for fault find out in 11kv 185/240/300 mm ² XLPE cable with digging a pit of appropriate size suitable for post fault work of straight joint at fault & refilling pit after fault clearing as per the direction and instruction of EIC.	No	1	12500	12500
22	Labour work for second ,third & Next faults find out on same time in same 11kv 185/240/300mm ² XLPE cable with digging a pit of appropriate size suitable for post fault work of straight joint at fault & refilling pit after fault clearing as per the direction and instruction of EIC.	No	1	6250	6250
				TOTAL AMOUNT OF TENDER = Rs.	2497850.0

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