



UTTAR GUJARAT VIJ COMPANY LIMITED

CIN – U40102GJ2003SGC042906,GST No.-24AAACU6551F1Z1

| SCHEDULE:B FOR LAYING OF UNDERGROUND CABLE NETWORK UNDER MANSA SDN | | | | | |
|---|---|------|----------|----------------------|---------------------|
| 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 | 1500 | 335 | 502500.00 |
| 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 | 100 | 468 | 46800.00 |
| 3 | Labour work for laying of HT cable open from air grounding to gentry including carting. | MTR | 100 | 38 | 3800.00 |
| 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 | SET | 50 | 130 | 6500.00 |

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| | with the Pole including cost of nuts & bolts. | | | | |
| 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 | 30 | 150 | 4500.00 |
| 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/Trench. | MTR | 10 | 150 | 1500.00 |
| 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 | 10 | 800 | 8000.00 |
| 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 | 10 | 640 | 6400.00 |
| 9 | 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 including cost of HDPE Pipe. Only Cable will be supplied by UGVCL. | MTR | 10 | 1440 | 14400.00 |
| 10 | Laying of HDPE Pipe confirming to IS 4984:1955 (Amendment no. 2) having 110 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 | MTR | 1000 | 1350 | 1350000.00 |

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| | per the instruction of EIC and specifications including cost of HDPE Pipe. Only Cable will be supplied by UGVCL. | | | | |
| 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 | 20 | 525 | 10500.00 |
| 12 | Laying of HDPE Pipe confirming to IS 4984:1955 (Amendment no. 2) having 110 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 70 & 185 mm ² XLPE cable) | MTR | 20 | 825 | 16500.00 |
| 13 | Laying of Medium grade B Class GI Pipe having 110 mm Diameter 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 including cost of GI Pipe. Only Cable will be supplied by UGVCL. | MTR | 1 | 1240 | 1240.00 |
| 14 | Supply and Fixing of Medium grade GI Pipe having 110 mm Diameter and minimum length 2.5 meter required having weight 9 to 10 kg/Mtr. | MTR | 1 | 925 | 925.00 |
| 15 | Laying of Medium grade B Class GI Pipe having 160 mm Diameter 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 including cost of GI Pipe. Only Cable will be supplied by UGVCL. | MTR | 50 | 1490 | 74500.00 |
| 16 | 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 | 40000.00 |

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| 17 | Providing and Fixing of Heat Shrikable Indoor Termination Kits for for 3-Core, 11 KV XLPE Aluminium 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 | 70 mm ² HT XLPE Cable | NO | 1 | 4718 | 4718.00 |
| B | 185 mm ² HT XLPE Cable | NO | 40 | 4953 | 198120.00 |
| C | 240 mm ² HT XLPE Cable | NO | 1 | 5252 | 5252.00 |
| D | 300 mm ² HT XLPE Cable | NO | 1 | 5549 | 5549.00 |
| 18 | Providing and Fixing of Heat Shrikable Outdoor Termination Kits for 3-Core, 11 KV XLPE Aluminium 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 | 70 mm ² HT XLPE Cable | NO | 1 | 5664 | 5664.00 |
| B | 185 mm ² HT XLPE Cable | NO | 10 | 5982 | 59820.00 |
| C | 240 mm ² HT XLPE Cable | NO | 1 | 6378 | 6378.00 |
| D | 300 mm ² HT XLPE Cable | NO | 1 | 6676 | 6676.00 |
| 19 | Providing and Fixing of Heat Shrikable Stright Jointing Kits for for 3-Core, 11 KV XLPE Aluminium 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 | 70 mm ² HT XLPE Cable | NO | 1 | 7199 | 7199.00 |
| B | 185 mm ² HT XLPE Cable | NO | 10 | 7655 | 76550.00 |
| C | 240 mm ² HT XLPE Cable | NO | 1 | 7880 | 7880.00 |
| D | 300 mm ² HT XLPE Cable | NO | 1 | 8040 | 8040.00 |
| 20 | 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 | MTR | 50 | 400 | 20000.00 |

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UGVCL

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| | charges for excavation& refilling. | | | | |
| | TOTAL AMOUNT OF TENDER = Rs. | | | | 2499911.00 |