
		MADHYA GUJARAT VIJ COMPANY LIMITED BARODA (O&M) DIVISION Vidyut Nagar Colony, Old Padra Road, Vadodara. Web Site: www.mgvcl.com E-mail: eebrddiv.mgvcl@gmail.com					
SCHEDULE - B							
SUBJECT :ARC tender for Laying of 11 kV Underground Cable, erection & maintenance of HT underground network under Jurisdiction of SAVLI S/Dn Or Any other S/Dn Of Baroda (O & M) Division.							
TENDER ID NO :317910							
SR. NO	Item Code No.	Description of Work	Unit	Rate in Rs.	Qty.	Total value	
UNDER GROUND WORKS							
1	9913000036	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	Meter	148	400	59200	
2	9913000037	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	Meter	219	700	153300	
3	9913000038	Laying/Relaying of cable in Cable trench & from ground level to pole structure for providing outdoor cable joints.	Meter	60	500	30000	
4	9913000039	Laying / Relaying XLPE/PILC cable by digging of pits, removal of old cable and laying of new cable on sand bad (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	Meter	181	400	72400	
5	9913000016	Widening & refilling with earth dully rammed the trench for laying additional No. of cable. For item No.1 above.	Meter	60	80	4800	
6	9913000041	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	Meter	50	800	40000	
7	9913000042	Laying of U/G 11KV XLPE cable by Push and 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	Meter	456	900	410400	
8	411000055	SUPPLY OF 11 KV INDOOR CABLE BOX FOR 95 SQMM XLPE CABLE	Number	1260	50	63000	
9	411000056	SUPPLY OF 11 KV INDOOR CABLE BOX FOR 240 SQMM XLPE CABLE	Number	877	50	43850	
10	411000015	SUPPLY OF 11 KV INDOOR CABLE BOX FOR 185 SQMM XLPE CABLE	Number	1445	45	65025	
11	411000057	SUPPLY OF 11 KV OUTDOOR CABLE BOX FOR 95 SQMM XLPE CABLE	Number	1074	50	53700	
12	411000006	SUPPLY OF 11 KV OUTDOOR CABLE BOX FOR 185 SQMM XLPE CABLE	Number	1073	50	53650	
13	411000058	SUPPLY OF 11 KV OUTDOOR CABLE BOX FOR 240 SQMM XLPE CABLE	Number	1076	45	48420	
14	411000059	SUPPLY OF 11KV STRAIGHT THROUGH JOINT FOR 95 SQMM XLPE CABLE	Number	3025	15	45375	
15	411000074	SUPPLY OF 11KV STRAIGHT THROUGH JOINT FOR 185 SQMM XLPE CABLE	Number	2750	17	46750	
16	411000060	SUPPLY OF 11KV STRAIGHT THROUGH JOINT FOR 240 SQMM XLPE CABLE	Number	2820	15	42300	
17	9902050002	Moulding of cable joint (St,joint,indoor and outdoor) for XLPE cable- labour charges,for Urban area.	Number	3258	15	48870	
18	9902050002	Moulding of cable joint (St,joint,indoor and outdoor) for XLPE cable- labour charges,for Rural area.	Number	3957	15	59355	
19	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.	Number	1462	10	14620	
20	9501060079	Supply and 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 sided 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	Number	5	100	500	
21	9911000023	Supply and 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 Engineer in Charge (Rs. 9 per Mtr Material Cost + Rs 2.50 per Mtr F.O.R. Site carting and laying labour charge above cable in excavated trench = Rs. 11.50 per Meter)	Running Meter	11	21	231	
22	9913000015	Supply of HDPE pipe for laying 11KV XLPE cable 110mm nominal diameter & 5.3 to 6 mm thickness as per IS:4984	Meter	296	1100	325600	
23	9913000005	SUPPLY and LAYING OF HALF ROUND RCC HUME PIPE (6" DIA - 1 MTR LONG - TOP + BOTTOM) FOR ONE CABLE - IN NUMBER	Number	100	500	50000	
24	9913000014	Supply of medium grade GI pipe of size 4" dia(Including clamping the cable with pole)	Meter	459	79	36261	
25	9913000009	Providing and 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 and Labour charges for excavation &refilling)	Number	143	75	10725	
26	9913000049	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	Running Meter	114	300	34200	
27	9913000050	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	Running Meter	172	300	51600	
28	9902010001	ERECTION OF STEEL POLES OF 8 TO 9 AND 11 METERS INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS, ANTICLIMBING DEVICES, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING	Number	1163	20	23260	
29	9902010003	ERECTION STEEL POLES OF 8 TO 9 and 11 METERS INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS, ANTICLIMBING DEVICES, DANGER BOARD, INSULATORS, ETC. COMPLETE AND PAINTING OF STEEL POLE, FABRICATED MATERIALS USED ON ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	Number	1949	30	58470	
30	9902010005	ERECTION STEEL POLES OF 13 METERS FOR RAILWAY CROSSING ON BG/MG/NG/LINE FOR 0.400/11/22KV OVERHEAD LINE I.E. INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS, ANTICLIMBING DEVICES, DANGER BOARD, INSULATORS, ETC. COMPLETE AND PAINTING OF STEEL POLES, FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	Number	2234	2	4468	
31	9902010006	ERECTION OF SUPPORT POLE - PSC	Number	735	5	3675	
32	9902010007	ERECTION OF SUPPORT POLE - RSJ	Number	735	5	3675	

SR. NO	Item Code No.	Description of Work	Unit	Rate in Rs.	Qty.	Total value
33	9902020001	ERECTION OF DOUBLE POLE STRUCTURE OF 8 METERS PSC POLE INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLES , CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS, ETC., COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. (W/O AB SWITCH).	Number	2644	5	13220
34	9902020007	ERECTION OF DOUBLE POLE STRUCTURE OF 8 TO 9 METERS STEEL POLE INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLES , CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS, ETC., COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. (W/O AB SWITCH).	Number	3821	5	19105
35	9902020006	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, DO FUSES OF 8 METERS, 200 KG PSC POLES INCLUDING EXCA-VATION OF PITS AND REFILLING OF EARTH, FIXING OF CHANNELS,SUPPORTING ANGLES CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARD, INSULATORS, DO FUSES, ETC., COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	Number	3179	5	15895
36	9902020006	ERECTION OF DOUBLE POLE STRUCTURE FOR CTPT INSTALLATION WITH MOUNTING OF AB SWITCH, DO FUSES OF 8 METERS, 200 KG PSC POLES INCLUDING EXCA-VATION OF PITS AND REFILLING OF EARTH, FIXING OF CHANNELS,SUPPORTING ANGLES CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARD, INSULATORS, DO FUSES, ETC., COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	Number	3179	5	15895
37	9902020010	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, DO FUSES, 9 and 11 METERS STEEL POLES INCLUDING EXCAVATION OF PITS AND REFILING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLE CLAMPS, ANTI-CLIMBING DEVICES , DANGER BOARDS, INSULATORS, ETC., COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	Number	4171	5	20855
38	9902020010	ERECTION OF DOUBLE POLE STRUCTURE FOR CTPT INSTALLATION WITH MOUNTING OF AB SWITCH, DO FUSES, 9 and 11 METERS STEEL POLES INCLUDING EXCAVATION OF PITS AND REFILING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLE CLAMPS, ANTI-CLIMBING DEVICES , DANGER BOARDS, INSULATORS, ETC., COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	Number	4171	5	20855
39	990230016	ERECTION OF SINGLE POLE STRUCTURE WITH MOUNTING OF DO FUSES, TRANSFORMERS, LIGHTENING ARRESTERS, DISTRIBUTION BOX ETC. OF 8 METERS 200 KG PSC POLES INCLUDING EXCAVATION OF PITS AND REFILING OF EARTH, CARTING OF TRANSFORMERS FROM STORE TO SITE, FIXING OF CHANNELS SUPPORTING ANGLES, BRACING CROSS ARMS, CLAMPS ANTI-CLIMBING DEVICE DANGER BOARDS CONDUCTOR AND CABLE WIRING ETC., COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	Number	4537	5	22685
40	990230016	ERECTION OF SINGLE POLE STRUCTURE WITH MOUNTING OF DO FUSES, TRANSFORMERS, LIGHTENING ARRESTERS AND WITHOUT DISTRIBUTION BOX ETC OF 8 METERS 200 KG PSC POLES INCLUDING EXCAVATION OF PITS AND REFILING OF EARTH, CARTING OF TRANSFORMERS FROM STORE TO SITE, FIXING OF CHANNELS SUPPORTING ANGLES, BRACING CROSS ARMS, CLAMPS ANTI-CLIMBING DEVICE DANGER BOARDS CONDUCTOR AND CABLE WIRING ETC., COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	Number	3313	5	16565
41	9902020019	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, DO FUSES, 13 METERS STEEL POLES INCLUDING EXCAVATION OF PITS AND REFILING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLE CLAMPS, ANTI-CLIMBING DEVICES , DANGER BOARDSINSULATORS,ETC COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	Number	4736	4	18944

The bidder shall quote FIRM PRICES only. The prices quoted will not be subject to any escalation till completion of work. The above prices are inclusive of all taxes, levies Duties etc. except Goods & Service tax (GST). GST will be paid extra as applicable from time to time on a given taxable goods and/or services.

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