

11 KV DOUBLE POLE STRUCTURE AT S/S END FOR O/H LINE and U/G CABLE USING 11 MTR LONG						Sheet-1
SR	ITEM	PARTICULARS	UNIT	QTY	RATE	AMOUNT
SR	ITEM	PARTICULARS	UNIT	QTY	RATE	AMOUNT
1	360400036	RSJ POLE(116X110X11 MTR)/STEAL TUBULAR POLE 11 MTR	NO.	2	13799.00	27598.00
2		TOP CROSSARM FOR TERMINATING LINE	NO.	2	815.00	1630.00
	3611000016	M.S.Angle Top FEBRL.65x65x6mm - 2700mm	No	2	815.00	1630.00
3		CROSS ARM FOR MOUNTING A.B SWITCH. & H.G.FUSE	NO.	4	815.00	3260.00
	3611000038	M.S.Angle 11 KV A.B.Switch - Fabri 65x65x6mm- 2700mm	No	4	815.00	3260.00
4		CROSS BRACING ANGLE SET (2 ANGLES/SET)	SET	1	1630.00	1630.00
		M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing	No	2	815.00	1630.00
4A	2601000071	STAY CLAMP PAIR FOR CROSS BRACING	PAIR	4	202.00	808.00
5	0613000003	11 KV A.B. SWITCH 400 AMP.	SET	1	7658.00	7658.00
6	2601000061	Side Clamps for mounting A.B Switch (M.S Flatof sie 50X6)	NO	8	63.00	504.00
7		GUY SETS WITH PREFORMED FITTING	NO.	4	984.00	3936.00
		Material required for1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
8		EARTHING OF STRUCTURE.-COIL TYPE	NO.	2	213.00	426.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
9		11 KV STRAIN INSULATORS WITH H/W OF PREFORMED FITTING.	SET	6	309.00	1854.00
	2001000005	(a) 11 KV Disc. Insulator (Polymeric)	No	1	164.00	164.00
	2010000077	(b) 11KV Disc. Hardware	Set	1	145.00	145.00
						309.00
10	1305000001	11 KV H G Fuses(Polymeric)	No	3	846.00	2538.00

						Sheet-1
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
11		SUNDRIES MATERIALS SUCH AS BOLT NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC.OR WITH PER. FITTING				2221.52
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	7.20	60.00	432.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	2.49	60.00	149.52
	2601000027 / 0028	(c) P.G.Clamp for Weasel or Rabbit	No	9	90.00	810.00
	1905000006	(d) HT tape for jumpering	Mtr	10	78.00	780.00
	0101000003	(e) Alu. Binding wire	KG	0.50	100.00	50.00
						2221.52
		COST OF MATERIALS				54063.52
12		ADD:3% CONTINGENCIES				1621.91
13		ADD:2% STORAGE CHARGES				1081.27
14		ADD:2% TRANSPORTATION & MISC.				1081.27
15		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				8109.53
16		A				65957.49
17		(A) CARTING OF RSJ POLE AT DESTINATION	NO.	2	397.00	794.00
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00
18		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON 11 MTR RSJ POLE WITH AB SWITCH/HG FUSE	SET	1	2712.00	2712.00
		II. INSTALLATION OF EARTHING COIL TYPE COMP. WITH SALT & COAL	NO.	2	393.00	786.00
		III. PROVIDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	4	365.00	1460.00
19		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	1.96	5919.00	11601.24
20		LABOUR CHARGES				18060.24
21		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				2709.04
22		B				20769.28
23		A+B				86726.77
24		TOTAL ESTIMATE			Say Rs.	86727

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11 KV DOUBLE POLE STRUCTURE WITH A.B.SWITCH/H.G.FUSE						Sheet-3
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	261100003	PSC POLE 8M/ 200 KG	NO.	2	2071.00	4142.00
2		TOP CROSSARM FOR TERMINATING LINE	NO.	2	815.00	1630.00
	3611000016	M.S.Angle Top FEBRI.65x65x6mm - 2700mm	No	2	815.00	1630.00
3		CROSS ARM FOR MOUNTING A.B SWITCH./H.G.FUSE	NO.	4	815.00	3260.00
	3611000038	M.S.Angle 11 KV A.B.Switch - Fabri 65x65x6mm- 2700mm	No	4	815.00	3260.00
4		CROSS BRACING ANGLE SET (2 ANGLES/SET)	SET	1	1630.00	1630.00
	3611000028	M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing	No	2	815.00	1630.00
4A	2601000069	STAY CLAMP PAIR FOR CROSS BRACING	PAIR	4	202.00	808.00
5	0613000003	11 KV A.B. SWITCH 400 AMP.	SET	1	7658.00	7658.00
6	2601000049	Side Clamps for mounting HG Fuse/A.B Switch (M.S Flat of size 50X6)	NO	8	63.00	504.00
7		GUY SETS WITH PREFORMED FITTING	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
8		EARTHING OF STRUCTURE.-COIL TYPE	NO.	2	213.00	426.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
9		11 KV STRAIN INSULATORS WITH H/W OF PREFORMED FITTING.	SET	6	309.00	1854.00
	2001000005	(a) 11 KV Disc. Insulator (Polymeric)	No	1	164.00	164.00
	2010000077	(b) 11KV Disc. Hardware	Set	1	145.00	145.00
						309.00

							Sheet-3
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.	
10	130500001	11 KV H G Fuses(Polymeric)	No	3	846.00	2538.00	
11		SUNDRIES MATERIALS SUCH AS BOLT NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC.OR WITH PER. FITTING				2221.52	
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	7.20	60.00	432.00	
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	2.49	60.00	149.52	
	2601000027/ 0028	(c) P.G.Clamp for Weasel or Rabbit	No	9	90.00	810.00	
	1905000006	(d) Binding tape HT for jumpering	Mtr	10	78.00	780.00	
	0101000003	(e) Alu. Binding wire	KG	0.5	100.00	50.00	
						2221.52	
		COST OF MATERIALS				30607.52	
12		ADD:3% CONTINGENCIES				918.23	
13		ADD:2% STORAGE CHARGES				612.15	
14		ADD:2% TRANSPORTATION & MISC.				612.15	
15		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				4591.13	
16		A				37341.17	
17		(A) CARTING OF PSC POLE AT DESTINATION	NO.	2	280.00	560.00	
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00	
18		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON PSC POLE WITH AB SWITCH/HG FUSE	SET	1	2067.00	2067.00	
		II. INSTALLATION OF EARTHING COIL TYPE COMP. WITH SALT & COAL	NO.	2	393.00	786.00	
		III. PROVINDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	4	365.00	1460.00	
19		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 MM	NO	4	82.60	330.40	
20		LABOUR CHARGES				5910.40	
21		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				886.56	
22		B				6796.96	
23		A+B				44138.13	
24		TOTAL ESTIMATE			Say Rs.	44138	

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11 KV DOUBLE POLE STRUCTURE WITH A.B.SWITCH & H.G.FUSE USING RSJ 9mtr pole						Sheet-4
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	360400001	RSJ POLE(116X110X9 MTR)/STEEL TUBULAR POLE 9 MTR	NO.	2	11290.00	22580.00
2		TOP CROSSARM FOR TERMINATING LINE	NO.	2	815.00	1630.00
	3611000016	M.S.Angle Top FEBRI.65x65x6mm - 2700mm	No	2	815.00	1630.00
3		CROSS ARM FOR MOUNTING A.B SWITCH. & H.G.FUSE	NO.	4	815.00	3260.00
	3611000038	M.S.Angle 11 KV A.B.Switch - Fabri 65x65x6mm- 2700mm	No	4	815.00	3260.00
4		CROSS BRACING ANGLE SET (2 ANGLES/SET)	SET	1	1630.00	1630.00
	3611000028	M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing	No	2	815.00	1630.00
4A	2601000071	STAY CLAMP PAIR FOR CROSS BRACING	PAIR	4	202.00	808.00
5	0613000003	11 KV A.B. SWITCH 400 AMP.	SET	1	7658.00	7658.00
6	2601000061	Side Clamps for mounting A.B Switch (M.S Flat of size 50X6)	NO	8	63.00	504.00
7		GUY SETS WITH PREFORMED FITTING	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
8		EARTHING OF STRUCTURE.-COIL TYPE	NO.	2	213.00	426.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
9		11 KV STRAIN INSULATORS WITH H/W OF PREFORMED FITTING.	SET	6	309.00	1854.00
	2001000005	(a) 11 KV Disc. Insulator (Polymeric)	No	1	164.00	164.00
	2010000077	(b) 11KV Disc. Hardware	Set	1	145.00	145.00
						309.00
10	1305000001	11 KV H G Fuses(Polymeric)	No	3	846.00	2538.00

							Sheet-4
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.	
11		SUNDRIES MATERIALS SUCH AS BOLT NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC.OR WITH PER. FITTING				2221.52	
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	7.20	60.00	432.00	
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	2.49	60.00	149.52	
	2601000027/ 0028	(c) P.G.Clamp for Weasel or Rabbit	No	9	90.00	810.00	
	1905000006	(d) Binding tape HT for jumpering	Mtr	10	78.00	780.00	
	0101000003	(e) Alu. Binding wire	KG	0.500	100.00	50.00	
						2221.52	
		COST OF MATERIALS				49045.52	
12		ADD:3% CONTINGENCIES				1471.37	
13		ADD:2% STORAGE CHARGES				980.91	
14		ADD:2% TRANSPORTATION & MISC.				980.91	
15		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				7356.83	
16		A				59835.53	
17		(A) CARTING OF RSJ POLE AT DESTINATION	NO.	2	397.00	794.00	
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00	
18		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON 9 MTR RSJ POLE WITH AB SWITCH/HG FUSE	SET	1	2712.00	2712.00	
		II. INSTALLATION OF EARTHING COIL TYPE COMP. WITH SALT & COAL	NO.	2	393.00	786.00	
		III. PROVIDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	4	365.00	1460.00	
19		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	1.96	5919.00	11601.24	
20		LABOUR CHARGES				18060.24	
21		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				2709.04	
22		B				20769.28	
23		A+B				80604.81	
24		TOTAL ESTIMATE			Say Rs.	80605	

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11 KV DOUBLE POLE STRUCTURE WITH AB SWITCH & H.G.FUSE USING						Sheet-5
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	360400036	RSJ POLE(116X110X11 MTR)/STEEL TUBULAR POLE 11 MTR	NO.	2	13799.00	27598.00
2		TOP CROSSARM FOR TERMINATING LINE	NO.	2	815.00	1630.00
	3611000016	M.S.Angle Top FEBRI.65x65x6mm - 2700mm	No	2	815.00	1630.00
3		CROSS ARM FOR MOUNTING A.B SWITCH. & H.G.FUSE	NO.	4	815.00	3260.00
	3611000038	M.S.Angle 11 KV A.B.Switch - Fabri 65x65x6mm- 2700mm	No	4	815.00	3260.00
4		CROSS BRACING ANGLE SET (2 ANGLES/SET)	SET	1	1630.00	1630.00
	3611000028	M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing	No	2	815.00	1630.00
4A	2601000071	STAY CLAMP PAIR FOR CROSS BRACING	PAIR	4	202.00	808.00
5	0613000003	11 KV A.B. SWITCH 400 AMP.	SET	1	7658.00	7658.00
6	2601000061	Side Clamps for mounting A.B Switch (M.S Flatof size 50X6)	NO	8	63.00	504.00
7		GUY SETS WITH PREFORMED FITTING	NO.	4	984.00	3936.00
		Material required for1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
8		EARTHING OF STRUCTURE.-COIL TYPE	NO.	2	213.00	426.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
9		11 KV STRAIN INSULATORS WITH H/W OF PREFORMED FITTING.	SET	6	309.00	1854.00
	2001000005	(a) 11 KV Disc. Insulator (Polymeric)	No	1	164.00	164.00
	2010000077	(b) 11KV Disc. Hardware	Set	1	145.00	145.00
						309.00
10	1305000001	11 KV H G Fuses(Polymeric)	No	3	846.00	2538.00

							Sheet-5
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.	
11		SUNDRIES MATERIALS SUCH AS BOLT NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC.OR WITH PER. FITTING				2221.52	
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	7.20	60.00	432.00	
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	2.49	60.00	149.52	
	2601000027 /0028	(c) P.G.Clamp for Weasel or Rabbit	No	9	90.00	810.00	
	1905000006	(d) Binding tape HT for jumpering	Mtr	10	78.00	780.00	
	0101000003	(e) Alu. Binding wire	KG	0.500	100.00	50.00	
						2221.52	
		COST OF MATERIALS				54063.52	
12		ADD:3% CONTINGENCIES				1621.91	
13		ADD:2% STORAGE CHARGES				1081.27	
14		ADD:2% TRANSPORTATION & MISC.				1081.27	
15		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				8109.53	
16		A				65957.49	
17		(A) CARTING OF RSJ POLE AT DESTINATION	NO.	2	397.00	794.00	
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00	
18		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON 11 MTR RSJ POLE WITH AB SWITCH/HG FUSE	SET	1	2712.00	2712.00	
		II. INSTALLATION OF EARTHING COIL TYPE COMP. WITH SALT & COAL	NO.	2	393.00	786.00	
		III. PROVINDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	4	365.00	1460.00	
19		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	1.96	5919.00	11601.24	
20		LABOUR CHARGES				18060.24	
21		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				2709.04	
22		B				20769.28	
23		A+B				86726.77	
24		TOTAL ESTIMATE			Say Rs.	86727	

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11KV LINE WITH 55 MM ² AAAC CONDUCTOR(Eq. Rabbit) USING 8 M/200 KG PSC POLES (Average Span 50 Mtr)						Sheet-6
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8 M/200KG.	NO.	20	2071.00	41420.00
2	26 09 00 0034	11KV V CROSS ARMS.	NO.	20	567.00	11340.00
3		BACK CLAMP FOR FIXING CROSS ARMS.	NO.	20	63.00	1260.00
	26 01 00 0049	Side clamp	No	20	63.00	1260.00
4	26 01 00 0084	HT TOP fittings (angle from 65x65X6 M.S -150MM)	NO.	20	180.00	3600.00
5		TWO WAY STRAIN CLAMP.	PAIR	20	202.00	4040.00
	26 01 00 0069	Guy clamp for two way strain clamp	PAIR	20	202.00	4040.00
6		GUY SET WITH PREFORM FITTING.	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF POLES (COIL TYPE)	NO.	20	213.00	4260.00
		Material required for 1 No earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
8		ANTICLIMBING DEVICES.	NO.	20	95.00	1900.00
	01 03 00 0070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO.	20	95.00	1900.00
9	26 99 00 0006	CAUTION & DANGER BOARD.	NO.	20	39.00	780.00
10		11KV PIN INSULATOR COMPL.(Polymeric) WITH H/W & PREFORM FITTING.	NO.	60	219.00	13140.00
	20 01 00 0006	(a)11 KV Pin Insulator (Polymeric)	NO.	1	219.00	219.00
				1	0.00	0.00
						219.00

						Sheet-6
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
11		11KV STRAIN INSULATOR COMPL. WITH H/W & PREFORM FITTING.	NO.	12	309.00	3708.00
	20 06 00 0001	(a) 11KV Disc. Insulator(Polymeric)	NO.	1	164.00	164.00
	20 10 00 0007	(b) 11 KV Disc. Hardware	Set	1	145.00	145.00
						309.00
12	01 02 00 0033	AL.ALLOY CONDUCTOR 55MM² SIZE	KM.	3.09	31288.00	96679.92
13		SUNDRY MATERIAL SUCH AS PG CLAMP;BINDING WIRE,TAPS,BOLT, NUTS WITH PREFORM FITTING.				3275.84
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	11.60	60.00	696.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	15.66	60.00	939.84
	26 01 00 0028	(c) P.G. Clamp for Rabbit	No	9.00	90.00	810.00
	01 01 00 0003	(d) Alu. Binding wire	KG	0.50	100.00	50.00
	19 05 00 0006	(e) HT Tape	Mtr	10.00	78.00	780.00
						3275.84
		COST OF MATERIALS				189339.76
14		ADD:3% CONTINGENCIES				5680.19
15		ADD:2% STORAGE CHARGES				3786.80
16		ADD:2% TRANSPORTATION & MISC.				3786.80
17		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				28400.96
18		A				230994.51
19		SURVEY,TREE CUTTING, COMPENSATION.			-L.S-	186.00
		CARTING OF PSC POLES AT DESTI.	NO.	20	280.00	5600.00
		CARTING OF LINE MATERIAL TO WORK SITE.			-L.S-	707.00
20		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING, OF PITS, FIXING OF POLES FIXTURE, INSULATOR & PAINTING STEEL POLE	NO.	20	756.00	15120.00
		STRINGING OF CONDUCTOR.	NO.	3	1373.00	4119.00
		LABOUR CHARGES FOR FIXING GUYS.	NO.	4	365.00	1460.00
		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT & COAL.	NO.	20	393.00	7860.00
21		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 MM	NO	4	82.60	330.40
22		LABOUR CHARGES				35382.40
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5307.36
24		B				40689.76
25		A+B				271684.27
26		TOTAL ESTIMATE			Say Rs.	271684
REMARK: COST OF GUARDING MAY BE TAKEN ,IF SAME IS REQD. TO BE PROVIDED.						

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11KV LINE WITH 55 MM ² AAAC COND.(Eq. Rabbit) USING 11 MTR LONG RSJ POLES (Average Span-30 MTR)						Sheet-7
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	360400036	RSJ POLE(116X110X11MTR)/STEEL TUBULAR POLE(11 MTR)	NO.	33	13799.00	455367.00
2	2609000034	11KV V CROSS ARM.(From Angle of 65X65X6)	NO.	33	567.00	18711.00
3		BACK CLAMP FOR FIXING CROSS ARM.	NO.	33	63.00	2079.00
	2601000061	Sideclamp(50x6 m.s Flat)	NO.	33	63.00	2079.00
4	2601000084	HT TOP fittings (angle from 65x65X6 M.S -150MM)	NO.	33	180.00	5940.00
5		TWO WAY STRAIN CLAMP.	PAIR	33	202.00	6666.00
	2601000071	Guy clamp for two way strain clamp(50x6 mmflat)	PAIR	33	202.00	6666.00
6		GUY SET WITH PREFORM FITTING.	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF POLES (COIL TYPE)	NO.	33	213.00	7029.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
8		ANTICLIMBING DEVICES.	NO.	33	95.00	3135.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO	33	95.00	3135.00
9	2699000006	CAUTION & DANGER BOARD.	NO.	33	39.00	1287.00
10		11KV PIN INSULATOR COMPL.(Polymeric)	NO.	99	219.00	21681.00
	2001000004	(a)11 KV Pin Insulator (Polymeric)	No	1	219.00	219.00
				1	0.00	0.00
						219.00
11		11KV STRAIN INSULATOR COMPL. WITH H/W & PREFORM FITTING.	NO.	24	309.00	7416.00
	2001000005	(a) 11KV Disc. Insulator(Polymeric)	NO.	1	164.00	164.00
	2010000077	(b) 11 KV Disc. Hardware	Set	1	145.00	145.00
						309.00

						Sheet-7
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
12	0102000033	AL.ALLOY CONDUCTOR 55 MM ² SIZE.	KM.	3.09	31288.00	96679.92
13		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDINGWIRE,TAPS,BOLT, NUTS WITH PREFORM FITTING.				5382.00
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	28.80	60.00	1728.00
	2601000028	(b) P.G. Clamp for 'Rabbit'/Wedge Connectors 70 sq.mm	No	24	90.00	2160.00
	0101000003	(c) Alu. Binding wire	KG	0.90	100.00	90.00
	1905000006	(d) HT Tape	Mtr	18	78.00	1404.00
						5382.00
		COST OF MATERIALS				635308.92
14		ADD:3% CONTINGENCIES				19059.27
15		ADD:2% STORAGE CHARGES				12706.18
16		ADD:2% TRANSPORTATION & MISC.				12706.18
17		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				95296.34
18		A				775076.88
19		SURVEY,TREE CUTTING, COMPENSATION.			-L.S-	186.00
		CARTING OF RSJ POLES AT DESTI.	NO.	33	397.00	13101.00
		CARTING OF LINE MATERIAL TO WORK SITE.			-L.S-	707.00
20		LABOUR CHARGES FOR ERECTION OF RSJ POLE INCLUDING DIGGING. OF PITS FIXING OF POLES FIXTURE INSULATOR & PAINTING STEEL POLE	NO.	33	1268.00	41844.00
		STRINGING OF CONDUCTOR.	KM	3	1373.00	4119.00
		LABOUR CHARGES FOR FIXING GUYS.	NO.	4	365.00	1460.00
		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT & COAL.	NO.	33	393.00	12969.00
21		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	23.04	5919.00	136373.76
22		LABOUR CHARGE				210759.76
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				31613.96
24		B				242373.72
25		A+B				1017450.61
26		TOTAL ESTIMATE			Say Rs.	1017451
REMARK:COST OF GUARDING MAY BE TAKEN ,IF SAME IS REQD. TO BE PROVIDED.						

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11KV LINE WITH 55 MM² AAAC COND.(Eq. Rabbit) USING 11 MTR LONG RSJ POLES						Sheet-8
(Average Span-50 MTR)						
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	360400036	RSJ POLE(116X110X11MTR)/STEEL TUBULAR POLE(11 MTR)	NO.	20	13799.00	275980.00
2	260900034	11KV V CROSS ARM.(From Angle of 65X65X6)	NO.	20	567.00	11340.00
3		BACK CLAMP FOR FIXING CROSS ARM.	NO.	20	63.00	1260.00
	2601000061	Sideclamp(50x6 M.S. Flat)	NO.	20	63.00	1260.00
4	2601000084	HT TOP fittings (angle from 65x65X6 M.S -150MM)	NO.	20	180.00	3600.00
5		TWO WAY STRAIN CLAMP.	PAIR	20	202.00	4040.00
	2601000071	Guy clamp for two way strain clamp(50x6 mmflat)	PAIR	20	202.00	4040.00
6		GUY SET WITH PREFORM FITTING.	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF POLES (COIL TYPE)	NO.	20	213.00	4260.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
8		ANTICLIMBING DEVICES.	NO.	20	95.00	1900.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO.	1	95.00	95.00
9	2699000006	CAUTION & DANGER BOARD.	NO.	20	39.00	780.00
10		11KV PIN INSULATOR COMPL.(Polymeric)	NO.	60	219.00	13140.00
	2001000004	(a)11 KV Pin Insulator (Polymeric)	No	1	219.00	219.00
				1	0.00	0.00
						219.00
11		11KV STRAIN INSULATOR COMPL. WITH H/W & PREFORM FITTING.	NO.	24	309.00	7416.00
	2001000005	(a) 11KV Disc. Insulator(Polymeric)	NO.	1	164.00	164.00
	2010000077	(b) 11 KV Disc. Hardware	Set	1	145.00	145.00
						309.00
12	0102000033	AL.ALLOY CONDUCTOR 55 MM ² SIZE.	KM.	3.09	31288.00	96679.92

						Sheet-8
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
13		SUNDRY MATERIAL SUCH AS PG				5382.00
		CLAMP,BINDINGWIRE,TAPS,BOLT,				
		NUTS WITH PREFORM FITTING.				
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	28.80	60.00	1728.00
	2601000028	(b) P.G. Clamp for 'Rabbit'/Wedge Connectors 70 sq.mm	No	24	90.00	2160.00
	0101000003	(c) Alu. Binding wire	KG	0.90	100.00	90.00
	1905000006	(d) HT Tape	Mtr	18	78.00	1404.00
						5382.00
		COST OF MATERIALS				429713.92
14		ADD:3% CONTINGENCIES				12891.42
15		ADD:2% STORAGE CHARGES				8594.28
16		ADD:2% TRANSPORTATION & MISC.				8594.28
17		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				64457.09
18		A				524250.98
19		SURVEY,TREE CUTTING, COMPENSATION.			-L.S-	186.00
		CARTING OF RSJ POLES AT DESTI.	NO.	20	397.00	7940.00
		CARTING OF LINE MATERIAL TO WORK SITE.			-L.S-	707.00
20		LABOUR CHARGES FOR ERECTION	NO.	20	1268.00	25360.00
		OF RSJ POLE INCLUDING DIGGING.				
		OF PITS FIXING OF POLES FIXTURE				
		INSULATOR & PAINTING STEEL POLE				
		STRINGING OF CONDUCTOR.	KM	3	1373.00	4119.00
		LABOUR CHARGES FOR FIXING GUYS.	NO.	4	365.00	1460.00
		LABOUR CHARGES FOR PROVIDING	NO.	20	393.00	7860.00
		EARTHING WITH SALT & COAL.				
21		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	14.20	5919.00	84049.80
22		LABOUR CHARGE				131681.80
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				19752.27
24		B				151434.07
25		A+B				675685.05
26		TOTAL ESTIMATE			Say Rs.	675685
		REMARK: COST OF GUARDING MAY BE TAKEN ,IF SAME IS REQD. TO BE PROVIDED.				

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11KV LINE WITH 100 MM² AAAC COND.(DOG) USING 11 MTR LONG RSJ POLES (Average Span-30 MTR)						Sheet-9
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	360400036	RSJ POLE(116X110X11MTR)/STEEL TUBULAR POLE(11 MTR)	NO.	33	13799.00	455367.00
2	2609000034	11KV V CROSS ARM.(From Angle of 65X65X6)	NO.	33	567.00	18711.00
3		BACK CLAMP FOR FIXING CROSS ARM.	NO.	33	63.00	2079.00
	2601000061	Sideclamp(50x6 m.s Flat)	NO.	33	63.00	2079.00
4	2601000084	HT TOP fittings (angle from 65x65X6 M.S -150MM)	NO.	33	180.00	5940.00
5		TWO WAY STRAIN CLAMP.	PAIR	33	202.00	6666.00
	2601000071	Guy clamp for two way strain clamp(50x6 mmflat)	PAIR	33	202.00	6666.00
6		GUY SET WITH PREFORM FITTING.	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF POLES (COIL TYPE)	NO.	33	213.00	7029.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
8		ANTICLIMBING DEVICES.	NO.	33	95.00	3135.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO.	33	95.00	3135.00
9	2699000006	CAUTION & DANGER BOARD.	NO.	33	39.00	1287.00
10		11KV PIN INSULATOR COMPL.(Polymeric)	NO.	99	219.00	21681.00
	2001000004	(a)11 KV Pin Insulator (Polymeric)	No	1	219.00	219.00
				1	0.00	0.00
						219.00
11		11KV STRAIN INSULATOR COMPL. WITH H/W & PREFORM FITTING.	NO.	24	519.00	12456.00
	2001000005	(a) 11KV Disc. Insulator(Polymeric)	NO.	1	164.00	164.00
	2010000083	(b) 11 KV Disc. Hardware for 'DOG' Cond.	Set	1	355.00	355.00
						519.00

						Sheet-9
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
12	0102000036	AL.ALLOY CONDUCTOR 100 MM ² SIZE.	KM.	3.09	58038.00	179337.42
13		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDINGWIRE,TAPS,BOLT, NUTS WITH PREFORM FITTING.				7542.00
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	28.80	60.00	1728.00
	2601000031	(b) P.G. Clamp for 'DOG'/Wedge Connectors 100 sq.mm	No	24	180.00	4320.00
	0101000003	(c) Alu. Binding wire	KG	0.900	100.00	90.00
	1905000006	(d) HT Tape	Mtr	18	78.00	1404.00
						7542.00
		COST OF MATERIALS				725166.42
14		ADD:3% CONTINGENCIES				21754.99
15		ADD:2% STORAGE CHARGES				14503.33
16		ADD:2% TRANSPORTATION & MISC.				14503.33
17		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				108774.96
18		A				884703.03
19		SURVEY,TREE CUTTING, COMPENSATION.			-L.S-	186.00
		CARTING OF RSJ POLES AT DESTI.	NO.	33	397.00	13101.00
		CARTING OF LINE MATERIAL TO WORK SITE.			-L.S-	707.00
20		LABOUR CHARGES FOR ERECTION OF RSJ POLE INCLUDING DIGGING. OF PITS FIXING OF POLES FIXTURE INSULATOR & PAINTING STEEL POLE	NO.	33	1268.00	41844.00
		STRINGING OF CONDUCTOR.	KM	3	3161.00	9483.00
		LABOUR CHARGES FOR FIXING GUYS.	NO.	4	365.00	1460.00
		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT & COAL.	NO.	33	393.00	12969.00
21		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	23.04	5919.00	136373.76
22		LABOUR CHARGE				216123.76
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				32418.56
24		B				248542.32
25		A+B				1133245.36
26		TOTAL ESTIMATE			Say Rs.	1133245

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11KV LINE WITH 100 MM ² AAAC COND.(DOG) USING 11 MTR LONG RSJ POLES (Average Span-50 MTR)						Sheet-10
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	360400036	RSJ POLE(116X110X11MTR)/STEEL TUBULAR POLE(11 MTR)	NO.	20	13799.00	275980.00
2	2609000034	11KV V CROSS ARM.(From Angle of 65X65X6)	NO.	20	567.00	11340.00
3		BACK CLAMP FOR FIXING CROSS ARM.	NO.	20	63.00	1260.00
	2601000061	Sideclamp(50x6 m.s Flat)	NO.	20	63.00	1260.00
4	2601000084	HT TOP fittings (angle from 65x65X6 M.S -150MM)	NO.	20	180.00	3600.00
5		TWO WAY STRAIN CLAMP.	PAIR	20	202.00	4040.00
	2601000071	Guy clamp for two way strain clamp(50x6 mm flat)	PAIR	20	202.00	4040.00
6		GUY SET WITH PREFORM FITTING.	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF POLES (COIL TYPE)	NO.	20	213.00	4260.00
		Material required for 1 No. earthing				
	0103000002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1 No	NO.	1	108.00	108.00
						213.00
8		ANTICLIMBING DEVICES.	NO.	20	95.00	1900.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO.	20	95.00	1900.00
9	2699000006	CAUTION & DANGER BOARD.	NO.	20	39.00	780.00
10		11KV PIN INSULATOR COMPL.(Polymeric)	NO.	60	219.00	13140.00
	2001000004	(a)11 KV Pin Insulator (Polymeric)	No	1	219.00	219.00
				1	0.00	0.00
						219.00
11		11KV STRAIN INSULATOR COMPL. WITH H/W & PREFORM FITTING.	NO.	24	519.00	12456.00
	2001000005	(a) 11KV Disc. Insulator(Polymeric)	NO.	1	164.00	164.00
	2010000083	(b) 11 KV Disc. Hardware for 'DOG' Cond.	Set	1	355.00	355.00
						519.00
12	0102000036	AL.ALLOY CONDUCTOR 100 MM ² SIZE.	KM.	3.09	58038.00	179337.42

						Sheet-10
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
13		SUNDRY MATERIAL SUCH AS PG				7542.00
		CLAMP,BINDINGWIRE,TAPS,BOLT, NUTS WITH PREFORM FITTING.				
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	28.80	60.00	1728.00
	2601000031	(b) P.G. Clamp for 'DOG'/Wedge Connectors 100 sq.mm	No	24	180.00	4320.00
	0101000003	(c) Alu. Binding wire	KG	0.90	100.00	90.00
	1905000006	(d) HT Tape	Mtr	18	78.00	1404.00
						7542.00
		COST OF MATERIALS				519571.42
14		ADD:3% CONTINGENCIES				15587.14
15		ADD:2% STORAGE CHARGES				10391.43
16		ADD:2% TRANSPORTATION & MISC.				10391.43
17		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				77935.71
18		A				633877.13
19		SURVEY,TREE CUTTING, COMPENSATION.			-L.S-	186.00
		CARTING OF RSJ POLES AT DESTI.	NO.	20	397.00	7940.00
		CARTING OF LINE MATERIAL TO WORK SITE.			-L.S-	707.00
20		LABOUR CHARGES FOR ERECTION OF RSJ POLE INCLUDING DIGGING. OF PITS FIXING OF POLES FIXTURE INSULATOR & PAINTING STEEL POLE	NO.	20	1268.00	25360.00
		STRINGING OF CONDUCTOR.	KM	3	3161.00	9483.00
		LABOUR CHARGES FOR FIXING GUYS.	NO.	4	365.00	1460.00
		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT & COAL.	NO.	20	393.00	7860.00
21		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	14.20	5919.00	84049.80
22		LABOUR CHARGE				137045.80
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				20556.87
24		B				157602.67
25		A+B				791479.80
26		TOTAL ESTIMATE			Say Rs.	791480

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
GUARDING FOR HT/LT LINES and P & T LINES (AVE. SPAN-50 MTR)						Sheet-11
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1		GUARDING ANGLE CROSS ARM	NO.	2	587.00	1174.00
	26 09 00 0029/31	M.S.Angle 65x65x6mm - 2 Mtr for Guarding Angle cross arm/Guarding channel	No	2	587.00	1174.00
2		BACK CLAMP	NO.	2	63.00	126.00
	26 01 00 0049	Side clamp	No	2	63.00	126.00
3	01 03 00 0003	G.I. WIRE 10 SWG	KG.	2	70.00	140.00
4	01 03 00 0002	G.I. WIRE NO. 8	KG.	14	70.00	980.00
5		MISC. ITEMS i.e.BOLTS ,NUTS WASHER,BINDING WIRES.				340.00
	26 14 00 0012	Eye-bolt	No	4	68.00	272.00
	15 01 00 0024	Bolts & Nuts - 65x16mm	KG	0.80	60.00	48.00
	01 01 00 0003	Alu.Binding wire	KG	0.20	100.00	20.00
						340.00
		COST OF MATERIALS				2760.00
6		ADD:3% CONTINGENCIES				82.80
7		ADD:2% STORAGE CHARGES				55.20
8		ADD:2% TRANSPORTATION & MISC.				55.20
9		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				414.00
10		A				3367.20
11		LABOUR CHARGES FOR FIXING OF CROSS ARMS ON LOCATION.	NO.	2	313.00	626.00
		PROVIDE GUARDING. COMPLETE WITH PAINTING.	MTR	50	46.00	2300.00
12		LABOUR CHARGES				2926.00
13		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				438.90
14		B				3364.90
15		A+B				6732.10
16		THIS CHARGE IS FOR AVE.SPAN OF 50 MTR			Rs.	6732.10
17		GUARDING CHARGE PER MTR			Rs.	134.64
18		SO CHARGE FOR 1 KM GUARDING WILL BE			Rs.	134642

MADHYA GUJARAT VIJ COMPANY LIMITED							
COST DATA FOR THE YEAR 2019-20							
11 KV DP STRUCTURE AT CONSUMER END WITH HG FUSES, AB SWITCH and LA FOR MOUNTING CTPT Set USING PSC POLES							Sheet-12
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.	
1	26 11 00 0003	PSC POLE 8 Meter 200 KG	NO.	2	2071.00	4142.00	
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			9716.00	
	3611000006	(a) M.S.Channel Bottom Fab. For CTPT - 100x50x6mm - 2700mm	NO	4	1310.00	5240.00	
	3611000038	(b) M.S.Angle 11 KV HG Fuse- Fab. 65x65x6mm - 2700mm	NO	2	815.00	1630.00	
	3611000029	(c) M.S.Angle Fab. 50x50x6mm -2700mm for belting	NO	2	608.00	1216.00	
	3611000038	(d) M.S.Angle 11 KV AB SWITCH- Fab. 65x65x6mm - 2700mm	NO	2	815.00	1630.00	
						9716.00	
3	1305000001	11 KV.H.G. FUSES(ALONG WITH ASSEMBLY).(Polymeric)	NO.	3	846.00	2538.00	
4	0613000003	11 KV A.B SWITCH 400AMP.	SET	1	7658.00	7658.00	
5	2201000004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO.	3	428.00	1284.00	
6		GUY SET WITH PREFORMED FITTING.	NO.	4	984.00	3936.00	
		Material required for 1 No. Guy set					
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00	
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00	
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00	
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00	
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00	
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00	
						984.00	
7	2699000006	CAUTION & DANGER BOARD.	NO.	2	39.00	78.00	
8		EARTHING FOR CTPT NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE)	NO.	3	331.00	993.00	
		Material required for 1 No earthing					
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	153.00	153.00	
	2801000015	(b) PVC Rigid Pipe - 20mm dia (1.5 Mtr) - 1 No	NO	1	108.00	108.00	
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	70.00	70.00	
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00	
						331.00	

						Sheet-12
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
9		ANTI CLAIMING DEVICES.	NO.	2	95.00	190.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO.	2	95.00	190.00
10		SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS & NUTS ETC.				3306.00
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	60.00	213.60
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	60.00	185.40
	2601000027 / 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00
	1302000006	(e) Fuse element-10 Amp	NO.	3	15.00	45.00
	2613000002	(f) Three hole patties	NO.	6	35.00	210.00
	2601000061	(g) Side clamp	NO.	24	63.00	1512.00
						3306.00
		COST OF MATERIALS				33841.00
11		ADD:3% CONTINGENCIES				1015.23
12		ADD:2% STORAGE CHARGES				676.82
13		ADD:2% TRANSPORTATION & MISC.				676.82
14		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				5076.15
15		A				41286.02
16		(A) CARTING OF PSC POLE AT DESTINATION	NO.	2	280.00	560.00
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00
17		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON PSC POLE WITH AB SWITCH/HG FUSE	SET	1	2067.00	2067.00
		II. INSTALLATION OF EARTHING PLATE TYPE COMP. WITH SALT & COAL	NO.	3	508.00	1524.00
		III. PROVIDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	4	365.00	1460.00
18		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 MM	NO	4	82.60	330.40
19		LABOUR CHARGES				6648.40
20		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				997.26
21		B				7645.66
22		A+B				48931.68
23		TOTAL ESTIMATE			Say Rs.	48932

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11 KV DP STRUCTURE AT CONSUMER END WITH HG FUSES, AB SWITCH and LA FOR MOUNTING CTPT Set USING 11 MTR LONG RSJ POLES						Sheet-13
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	3604000036	RSJ POLE/TUBULAR POLE (116X110--11 MTR)	NO.	2	13799.00	27598.00
2		STEEL STRUCTURE FOR TERMINATING LINES MOUNTING OF TRANS./FIXING OF 11KV FUSES .	L.S			9716.00
	3611000006	(a) M.S.Channel Bottom Fab. For CTPT - 100x50x6mm - 2700mm	NO	4	1310.00	5240.00
	3611000038	(b) M.S.Angle 11 KV HG Fuse- Fab. 65x65x6mm - 2700mm	NO	2	815.00	1630.00
	3611000029	(c) M.S.Angle Fab. 50x50x6mm -2700mm for belting	NO	2	608.00	1216.00
	3611000038	(d) M.S.Angle 11 KV AB SWITCH- Fab. 65x65x6mm - 2700mm	NO	2	815.00	1630.00
						9716.00
3	1305000001	11 KV.H.G. FUSES(ALONG WITH ASSEMBLY).(Polymeric)	NO.	3	846.00	2538.00
4	0613000003	11 KV A.B SWITCH 400AMP.	SET	1	7658.00	7658.00
5	2201000004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO.	3	428.00	1284.00
6		GUY SET WITH PREFORMED FITTING.	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7	2699000006	CAUTION & DANGER BOARD.	NO.	2	39.00	78.00
8		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE)	NO.	3	331.00	993.00
		Material required for 1 No earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	153.00	153.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia (1.5 Mtr) - 1 No	NO	1	108.00	108.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	70.00	70.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						331.00
9		ANTI CLAIMBING DEVICES.	NO.	2	95.00	190.00
	0103000070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO.	2	95.00	190.00

						Sheet-13
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
10		SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS & NUTS ETC.				3306.00
	1501000024	(a) M.S.Bolts & Nuts 65x16mm	KG	10.00	60.00	600.00
	1501000031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	60.00	213.60
	1501000038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	60.00	185.40
	2601000027 / 0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00
	1302000006	(e) Fuse element-10 Amp	NO.	3	15.00	45.00
	2613000002	(f) Three hole patties	NO.	6	35.00	210.00
	2601000061	(g) Side clamp	NO.	24	63.00	<u>1512.00</u>
						3306.00
		COST OF MATERIALS				57297.00
11		ADD:3% CONTINGENCIES				1718.91
12		ADD:2% STORAGE CHARGES				1145.94
13		ADD:2% TRANSPORTATION & MISC.				1145.94
14		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				8594.55
15		A				69902.34
16		(A) CARTING OF RSJ POLE AT DESTINATION	NO.	2	397.00	794.00
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00
17		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON 11 MTR RSJ POLE WITH AB SWITCH/HG FUSE	SET	1	2712.00	2712.00
		II. INSTALLATION OF EARTHING PLATE TYPE COMP. WITH SALT & COAL	NO.	3	508.00	1524.00
		III. PROVINDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	4	365.00	1460.00
18		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	1.96	5919.00	11601.24
19		LABOUR CHARGES				18798.24
20		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				2819.74
21		B				21617.98
22		A+B				91520.316
23		TOTAL ESTIMATE			Say Rs.	91520

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
RIVER CROSSING USING PSC POLES FOR 11 KV LINE						Sheet-14
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8 Meter 200 KG	NO.	4	2071.00	8284.00
2		TOP CROSS ARMS FOR TERMINATING	NO.	4	815.00	3260.00
	36 11 00 0016	M.S.Angle 65x65x6mm - 2700 mm for top cross arm for terminating line	No	4	815.00	3260.00
3		BRACING FOR DOUBLE POLE STRUCTURE (4 angles per set)	SET	2	3260.00	6520.00
	36 11 00 0028	M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing - 11KV	NO	8	815.00	6520.00
3A	26 01 00 0069	STAY CLAMP PAIR CROSS BRACING	PAIR	16	202.00	3232.00
4		11 KV STRAIN INSULATOR H/W WITH PREFORMED FITTING	SET	12	309.00	3708.00
	20 06 00 0001	(a) 11 KV Disc. Insulator(Polymeric)	NO.	1	164.00	164.00
	20 10 00 0007	(b) 11 KV Disc. Hardware	SET	1	145.00	145.00
						309.00
5		ANTI-CLIMBING DEVICES.	NO.	4	95.00	380.00
	01 03 00 0070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device				
6	26 99 00 0006	CAUTION & DANGER BOARD.	NO.	4	39.00	156.00
7		EARTHING OF D.P. STRUCTURE	NO.	4	331.00	1324.00
		Material required for 1 No. Pipe Type earthing				
	901000024	G I EARTHING COIL 8 SWG -1 No	NO	1	153.00	153.00
	2801000015	(b) PVC Rigid Pipe - 20mm dia (1.5 Mtr) - 1 No	NO	1	108.00	108.00
	0103000002	(c) G.I. Wire - No. 8 - 1 Kg	KG	1	70.00	70.00
	0901000028	(d) Earthing Bolt -1 No.	NO	1	0.00	0.00
						331.00
8		GUY SET WITH PREFORMED FITTING	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	2614000002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	2614000009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	2614000012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	0103000014	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	2003000001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	2601000069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00

							Sheet-14
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.	
9		SUNDRY MATERIAL SUCH AS BOLT & NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC. WITH PREFORMD FITTING.				1926.80	
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	4.80	60.00	288.00	
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	4.98	60.00	298.80	
	26 01 00 0027/0028	(c) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00	
	19 05 00 0006	(d) HT Tape for binding	Mtr	10	78.00	780.00	
	01 01 00 0003	(e) Alu. Binding wire	KG	0.20	100.00	20.00	
						1926.80	
		COST OF MATERIALS				32726.80	
10		ADD:3% CONTINGENCIES				981.80	
11		ADD:2% STORAGE CHARGES				654.54	
12		ADD:2% TRANSPORTATION & MISC.				654.54	
13		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				4909.02	
14		A				39926.70	
15		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON PSC POLE .	NO.	2	1720.00	3440.00	
		INSTALLATION OF EARTHING COIL PIPE TYPE WITH SALT & COAL	NO.	4	508.00	2032.00	
		PROVIDING GUY SET COMP.WITH ALL ACCESSORES &FITTING	NO.	4	365.00	1460.00	
		CARTING OF POLE AT DEST.	NO.	4	280.00	1120.00	
		CARTING OF MATERIAL AT WORK SITE			----LS----	707.00	
16		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 MM	NO	4	82.60	330.40	
17		LABOUR CHARGES..				9089.40	
18		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				1363.41	
19		B				10452.81	
20		A+B				50379.51	
21		TOTAL ESTIMATE			Say Rs.	50380	

						Sheet-15
SR NO	ITEM CODE NO	PARTICULARS	UNIT	QTY	RATE Rs.	AMOUNT Rs.
9		SUNDRY MATERIAL SUCH AS BOLT & NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC. WITH PREFORMD FITTING.				2466.80
	1501000024	(a) M.S. Bolts & Nuts 65x16mm	KG	4.80	60.00	288.00
	1501000031	(b) M.S. Bolts & Nuts 180x16mm	KG	4.98	60.00	298.80
	2601000027 /28	(c) P.G. Clamp for Weasel or Rabbit/WEDGE CONECTORS-50 sq.mm/70 sq.m	No	12	90.00	1080.00
	1905000006	(d) HT Tape	Mtr	10	78.00	780.00
	0101000003	(e) Alu. Binding wire	KG	0.20	100.00	20.00
						2466.80
		COST OF MATERIALS				84114.80
10		ADD:3% CONTINGENCIES				2523.44
11		ADD:2% STORAGE CHARGES				1682.30
12		ADD:2% TRANSPORTATION & MISC.				1682.30
13		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				12617.22
14		A				102620.06
15		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON RSJ POLE .	NO.	2	2484.00	4968.00
16		INSTALLATION OF EARTHING COIL PIPE TYPE WITH SALT & COAL	NO.	4	508.00	2032.00
17		PROVIDING GUY SET COMP.WITH ALL ACCESSORES &FITTING	NO.	8	365.00	2920.00
18		CARTING OF RSJ POLE AT DEST.	NO.	4	397.00	1588.00
19		CARTING OF MATERIAL AT WORK SITE			----LS----	707.00
20		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	3.92	5919.00	23202.48
21		LABOUR CHARGES..				35417.48
22		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5312.62
23		B				40730.10
24		A+B				143350.16
25		TOTAL ESTIMATE			Say Rs.	143350