

TAPPING FROM EXISTING POLES FOR 11 KV LINE			2019-20			Sheet-1
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1		STRAIGHT CROSS ARMS. (1.15 Mtr)	NO.	2	457.00	914.00
	36 11 00 0018	M.S Angle Tapping-11KV FEBRI. 65x65x6x1550MM	NO.	2	457.00	914.00
2		BRACING FOR SIDE ARM	NO.	2	231.00	462.00
	36011000037	Angle Bracing for D.P-65x65x6-750MM	NO.	2	231.00	462.00
3		GUY SET WITH PREFORMED FITTINGS	NO.	1	984.00	984.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
4		11KV PIN INSULATORS WITH SPINDLE (Polymeric)	SET	1	219.00	219.00
	20 01 00 0006	(a) 11 KV Pin Insulator (Polymeric)	No	1	219.00	219.00
				1	0.00	0.00
						219.00
5		11KV STRAIN INSULATORS WITH H/W	SET	3	309.00	927.00
	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
6		M.S. BOLTS OF ASSORTED SIZES & P.G. CLAMPS OR WITH PREFORMED FITTINGS.				366.00
	15 01 00 0024	M.S. Bolts & Nuts - 65X16MM	KG	1.60	60.00	96.00
	26 01 00 0027	P.G. Clamp for Weasel/Rabbit	Nos	3	90.00	270.00
	0028					366.00
7		CLAMP FOR BRACING AND CROSS ARMS	NO	2	63.00	126.00
	26 01 00 0049	Side clamp	Nos.	2	63.00	126.00
8		COST OF MATERIALS				3998.00
9		ADD:3% CONTINGENCIES				119.94
10		ADD:2% STORAGE CHARGES				79.96
11		ADD:2% TRANSPORTATION & MISC.				79.96
12		ADD:15% SUPERVISION CHARGES ON COST OF MATERIALS				599.70
13		A				4877.56
14		LABOUR CHARGES FOR FIXING OF CROSS ARMS, BRACING ON LOCATION	NO.	1	313.00	313.00
15		ERECTION OF STAY SETS.	NO.	1	365.00	365.00
16	9905010005	CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	1.00	82.60	82.60
17		LABOUR CHARGES				760.60
18		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				114.09
19						
20		B				874.69
21		A+B				5752.25
22		TOTAL ESTIMATE			Say Rs.	5752

GUARDING UNDER HT AND LT LINE (SPAN-50MTR)							Sheet-2
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT 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	
6		COST OF MATERIALS				2760.00	
7		ADD:3% CONTINGENCIES				82.80	
8		ADD:2% STORAGE CHARGES				55.20	
9		ADD:2% TRANSPORTATION & MISC.				55.20	
10		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				414.00	
11		A				3367.20	
12		LABOUR CHARGES FOR FIXING OF CROSS ARMS ON LOCATION.	NO.	2	313.00	626.00	
13		PROVIDE GUARDING. COMPLETE WITH PAINTING.	MTR	50	46.00	2300.00	
14		LABOUR CHARGES				2926.00	
15		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				438.90	
16							
17		B				3364.90	
18		A+B				6732.10	
19		TOTAL ESTIMATE			Say Rs.	6732	

DOUBLE POLE STRUCTURE WITH 11 KV H.G FUSE (WITH A.B.SWITCH)						Sheet-3
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	2	2071.00	4142.00
2		TOP CROSSARM FOR TERMINATING LINE	NO.	2	815.00	1630.00
	36 11 00 0016	M.S.Angle 65x65x6mm - 2700MM FOR TOP FABRI.	No	2	815.00	1630.00
3		CROSS ARM FOR MOUNTING DO FUSE/A.B SWITCH.	NO.	4	815.00	3260.00
	36 11 00 0038	M.S.Angle 11 KV DO Fuse - Fabri 65x65x6mm- 2700mm	No	4	815.00	3260.00
4		CROSS BRACING ANGLE SET (2 ANGLES/SET)	SET	1	1630.00	1630.00
	36 11 00 0028	M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing - 11KV	No	2	815.00	1630.00
4A	26 01 00 0069	STAY CLAMP PAIR CROSS BRACING	PAIR	4	202.00	808.00
5	06 13 00 0003	11 KV A.B. SWITCH 400 AMP.	SET	1	7658.00	7658.00
6		SIDE CLAMP FOR FIXING CROSS ARMS FOR DO FUSE.	NO.	8	63.00	504.00
	26 01 00 0049	Side clamp	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				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(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				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	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
	20 06 00 0001	(a) 11 KV Disc. Insulator (Polymeric)	No	1	164.00	164.00
	20 10 00 0007	(b) 11KV Disc. Hardware	Set	1	145.00	145.00
						309.00
10	13 05 00 0001	11 KV D.O. 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				2221.40
	15 01 00 0024	(a) M.S.Bolts & Nuts 65x16mm	KG	7.20	60.00	432.00
	15 01 00 0031	(b) M.S.Bolts & Nuts 180x16mm	KG	2.49	60.00	149.40
	2601000027 /20028	(c) P.G.Clamp for Weasel or Rabbit	No	9	90.00	810.00
	19 05 00 0006	(d) H.T. tape	Mtr	10	78.00	780.00
	01 01 00 0003	(e) Alu. Binding wire	KG	0.500	100.00	50.00
						2221.40
12		COST OF MATERIALS				30607.40
13		ADD:3% CONTINGENCIES				918.22
14		ADD:2% STORAGE CHARGES				612.15
15		ADD:2% TRANSPORTATION & MISC.				612.15
16		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				4591.11
16		A				37341.03
17		(A) CARTING OF PSC POLE AT DESTINATION	NO.	2	280.00	560.00

DOUBLE POLE STRUCTURE WITH 11 KV DO FUSE (WITHOUT AB SWITCH)						Sheet-4
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	2	2071.00	4142.00
2		TOP CROSSARM FOR TERMINATING LINE	NO.	2	815.00	1630.00
	36 11 00 0016	M.S.Angle 65x65x6mm - 2700MM FOR TOP FABRI.	No	2	815.00	1630.00
3		CROSS ARM FOR MOUNTING DO FUSE	NO.	2	815.00	1630.00
	36 11 00 0038	M.S.Angle 11 KV DO Fuse - Fabri 65x65x6mm- 2700mm	No	2	815.00	1630.00
4		CROSS BRACING ANGLE SET(2Angles/Set)	SET	1	1630.00	1630.00
	36 11 00 0028	M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing - 11KV	No	2	815.00	1630.00
4A	26 01 00 0069	STAY CLAMP PAIR CROSS BRACING	PAIR	4	202.00	808.00
5		SIDE CLAMP FOR FIXING CROSS ARMS FOR DO FUSE.	NO.	4	63.00	252.00
	26 01 00 0049	Side clamp	No	4	63.00	252.00
6		GUY SETS WITH PREFORMED FITTING	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF STRUCTURE.-COIL TYPE	NO.	2	213.00	426.00
		Material required for 1 No. earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
8		11 KV STRAIN INSULATORS WITH H/W OF PREFORMED FITTING.	SET	6	309.00	1854.00
	20 06 00 0001	(a) 11 KV Disc. Insulator (Polymeric)	NO	1	164.00	164.00
	20 10 00 0007	(b) 11KV Disc. Hardware	SET	1	145.00	145.00
						309.00
9	13 05 00 0001	11 KV D.O. FUSES.(Polymeric)	NO.	3	846.00	2538.00
10		SUNDRIES MATERIALS SUCH AS BOLT NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC.OR WITH PER. FITTING				1831.52
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	5.20	60.00	312.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	2.49	60.00	149.52
	26 01 00 0027 /0028	(c) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00
	01 01 00 0003	(d) Alu. Binding wire	KG	0.50	100.00	50.00
	19 05 00 0006	(e) HT Tape for HT Jumpers	Mtr	10	78.00	780.00
						1831.52
11		COST OF MATERIALS				20677.52
12		ADD:3% CONTINGENCIES				620.33
13		ADD:2% STORAGE CHARGES				413.55
14		ADD:2% TRANSPORTATION & MISC.				413.55
15		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				3101.63
16		A				25226.57
17		(A) CARTING OF PSC POLE AT DESTINATION	NO.	2	280.00	560.00
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00

						Sheet-4
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
18		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON PSC POLE WITH OUT AB SWITCH/DO FUSE	SET	1	1720.00	1720.00
		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	9905010005	CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	4.00	82.60	330.40
20		LABOUR CHARGES				5563.40
21		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				834.51
22						
23		B				6397.91
24		A+B				31624.48
25		TOTAL ESTIMATE			Say Rs.	31624

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11KV LINE WITH 34 MM ² AAAC CONDUCTOR WITH WIND PRESSURE ZONE 100 KG/M ²						Sheet-5
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT 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 ARM.	NO.	20	567.00	11340.00
3		BACK CLAMP FOR FIXING CROSS ARM.	NO.	20	63.00	1260.00
	26 01 00 0049	Sideclamp	No	20	63.00	1260.00
4	26 01 00 0084	HT TOP FITTING	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				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF POLES	NO.	20	213.00	4260.00
		Material required for 1 No. earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	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)	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
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 0031	AL.ALLOY CONDUCTOR 34 MM ² SIZE.	KM.	3.09	19989.00	61766.01
13		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDINGWIRE,TAPS,BOLT, NUTS WITH PREFORM FITTING.				3275.60
	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	939.60
	26 01 00 0027	(c) P.G. Clamp for Weasel	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
						3275.60
14		COST OF MATERIALS				154425.61
15		ADD:3% CONTINGENCIES				4632.77
16		ADD:2% STORAGE CHARGES				3088.51
17		ADD:2% TRANSPORTATION & MISC.				3088.51
18		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				23163.84
19		A				188399.24

							Sheet-5
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.	
20		SURVEY,TREE CUTTING, COMPENSATION.			-L.S-	186.00	
21		CARTING OF PSC POLES AT DESTL	NO.	20	280.00	5600.00	
22		CARTING OF LINE MATERIAL TO WORK SITE.			-L.S-	707.00	
23		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING. OF PITS FIXING OF POLES FIXTURE INSULATOR & PAINTING STEEL Fabrication items.	NO.	20	756.00	15120.00	
24		STRINGING OF CONDUCTOR.	NO.	3	1373.00	4119.00	
25		LABOUR CHARGES FOR FIXING GUYS.	NO.	4	365.00	1460.00	
26		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT & COAL.	NO.	20	393.00	7860.00	
27	9905010005	CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	4.00	82.60	330.40	
28		LABOUR CHARGE				35382.40	
29		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5307.36	
30							
31		B				40689.76	
32		A+B				229089.00	
33		TOTAL ESTIMATE			Say Rs.	229089	

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11KV LINE WITH 55 MM ² AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M ²						Sheet-6
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT 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 ARM.	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	TOP INSULATOR FITTING.(HT TOP FITTING)	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				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(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				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	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)	NO.	60	219.00	13140.00
		WITH H/W & PREFORM FITTING.				
	20 01 00 0006	(a)11 KV Pin Insulator (Polymeric)	NO.	1	219.00	219.00
				1	0.00	0.00
						219.00
11		11KV STRAIN INSULATOR COMPL.	NO.	12	309.00	3708.00
		WITH H/W & PREFORM FITTING.				
	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 55MM ² 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 0100 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
14		COST OF MATERIALS				189339.76
15		ADD:3% CONTINGENCIES				5680.19
16		ADD:2% STORAGE CHARGES				3786.80
17		ADD:2% TRANSPORTATION & MISC.				3786.80
18		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				28400.96
19		A				230994.51

SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
20		SURVEY,TREE CUTTING, COMPENSATION.			-L.S-	186.00
21		CARTING OF PSC POLES AT DESTI.	NO.	20	280.00	5600.00
		CARTING OF LINE MATERIAL TO WORK SITE.			-L.S-	707.00
23		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING. OF PITS, FIXING OF POLES FIXTURE, INSULATOR & PAINTING STEEL Fabrication Items.	NO.	20	756.00	15120.00
24		STRINGING OF CONDUCTOR.	NO.	3	1373.00	4119.00
25		LABOUR CHARGES FOR FIXING GUYS.	NO.	4	365.00	1460.00
26		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT & COAL.	NO.	20	393.00	7860.00
27	9905010005	CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	4	82.60	330.40
28		LABOUR CHARGES				35382.40
29		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5307.36
30						
31		B				40689.76
32		A+B				271684.27
33		TOTAL ESTIMATE			Say Rs.	271684

RIVER CROSSING (11KV)						Sheet-7
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT 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 (2 angles per set)	SET	4	1630.00	6520.00
	36 11 00 0028	M.S. Angle Fabri. 65x65x6mm - 2700mm for cross bracing - 11KV		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	NO.	4	95.00	380.00
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. COIL Type earthing				
	901000024	G I EARTHING COIL 8 SWG -1No	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 for1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
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
10		COST OF MATERIALS				32726.80
11		ADD:3% CONTINGENCIES				981.80
12		ADD:2% STORAGE CHARGES				654.54
13		ADD:2% TRANSPORTATION & MISC.				654.54
14		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				4909.02
15		A				39926.70
16		LABOUR CHARGES FOR ERECTION OF D.P. STRUCTURE ON PSC POLE .	NO.	2	1720.00	3440.00
17		INSTALLATION OF EARTHING COIL COIL TYPE WITH SALT & COAL	NO.	4	508.00	2032.00

						Sheet-7
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
18		PROVIDING GUY SET COMP.WITH ALL ACCESSORES &FITTING	NO.	4	365.00	1460.00
19		CARTING OF POLE AT DEST.	NO.	4	280.00	1120.00
20		CARTING OF MATERIAL AT WORK SITE			----LS----	707.00
21		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	4	82.60	330.40
22		LABOUR CHARGES..				9089.40
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				1363.41
24						
25		B				10452.81
26		A+B				50379.51
27		TOTAL ESTIMATE			Say Rs.	50380

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11/0.433 KV 25 KVA DIST. TRANSFORMER CENTRE						
						Sheet-8
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT 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			7327.00
	36 11 00 0017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	815.00	3260.00
	36 11 00 0038	(b) M.S.Angle Fab. for 11 KV DO Fuse - 65x65x6 mm - 2700 mm	NO	2	815.00	1630.00
	36 11 00 0029	(c) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	608.00	1216.00
	36 11 00 0037	(d) M.S.Angle Fab. for Bracing of DO Fuses - 65x65x6 mm - 750 mm	NO	4	231.00	924.00
	26 09 00 0008	(e) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	297.00	297.00
						7327.00
3	13 05 00 0001	11 KV.D.O. FUSES.(Polymeric)	NO.	3	846.00	2538.00
4	22 01 00 0004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO.	3	428.00	1284.00
5		GUY SET WITH PREFORMED FITTING.	NO.	4	984.00	3936.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
6	26 99 00 0006	CAUTION & DANGER BOARD.	NO.	2	39.00	78.00
7		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 -1No	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		ANTI CLAIMING DEVICES.	NO.	2	95.00	190.00
	01 03 00 0070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO.	2	95.00	190.00
9	21 04 00 0002	L.T. DIST. BOX FOR 25 KVA X-MER	NO.	1	7729.00	7729.00
10	04 01 00 0035	PVC INSULATED & SHEATHED 16 MM ² 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	64.00	320.00
11	04 01 00 0035	-DO- BUT 16 MM ² OUT GOING SIDE.	MTR	30	64.00	1920.00
12	44 06 02 0002	X'MER 25 KVA 11KV/0.433KV.(CRGO)	NO.	1	71996.00	71996.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	2433.00	2433.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1780.00	1780.00
	1607000005	(ii)3-phSMC for whole currentmeter	NO	1	527.00	527.00
	2601000049	(iii) SIDE CLAMPS (50x6mm)	NO	2	63.00	126.00
						2433.00

						Sheet-8
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
14		SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS & NUTS ETC.				2232.45
	15 01 00 0024	(a) M.S.Bolts & Nuts 65x16mm	KG	4.00	60.00	240.00
	15 01 00 0031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	60.00	213.60
	15 01 00 0038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	60.00	185.40
	26 01 00 0027 /0028	(d) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00
	13 02 00 0004	(c) Fuse element- 3 Amp	NO	3	14.00	42.00
	13 01 00 0015	(d) Tinned Copper Fuse Wire No.14 (for 63 Amp. Fuse)	Grams	6	0.650	3.90
	04 15 00 0021	(e) Alu. Lugs - Trans. LT 16 SQ.MM Cable	NO	6	4.00	24.00
	04 15 00 0020	(f) Alu. Lugs - Trans. LT 10 SQ.MM Cable	NO	2	1.85	3.70
	04 16 00 0005	(g) Alu. Lugs - Kit-Kat 16 SQ.MM Cable	NO	3	4.00	12.00
	04 16 00 0004	(h) Alu. Lugs - Kit-Kat 10 SQ.MM Cable	NO	1	1.85	1.85
	26 13 00 0002	(i) Three hole patties	NO	6	35.00	210.00
	26 01 00 0049	(j) Side Clamp	NO	12	63.00	756.00
						2232.45
15		COST OF MATERIALS				107118.45
16		ADD:3% CONTINGENCIES				3213.55
17		ADD:2% STORAGE CHARGES				2142.37
18		ADD:2% TRANSPORTATION & MISC.				2142.37
19		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				16067.77
20		A				130684.51
21		LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,DO FUSES, DIST.BOX ETC.	NO.	1	5901.00	5901.00
22		ERECTION OF EARTHING COIL COIL TYPE WITH SALT & COAL	NO.	3	508.00	1524.00
23		ERECTION OF GUY SET COMPLETE	NO.	4	365.00	1460.00
24		CARTING OF PSC POLE AT DESTL.	NO.	2	280.00	560.00
25		CARTING OF LINE MATERIALS TO SITE			---LS---	707.00
26		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	4.00	82.60	330.40
27		INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C			---LS---	473.00
28		LABOUR CHARGES...				10955.40
29		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				1643.31
30						
31		B				12598.71
32		A+B				143283.22
33		TOTAL ESTIMATE			Say Rs.	143283

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11/0.433 KV 63 KVA DIST. TRANSFORMER CENTRE						
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8 Meter 200 KG	NO.	2	2071.00	4142.00
2		STRUCTURE STEEL FOR TERMINATING LINES MOUNTING OF TRANS.FIXING OF FUSES 11KV.	---LS---			7327.00
	36 11 00 0017	(a) M.S.Angle Fab. for Trns. Base/Top on DP - 65x65x6 mm - 2700 mm	NO	4	815.00	3260.00
	36 11 00 0038	(b) M.S.Angle Fab. for 11 KV DO Fuse - 65x65x6 mm - 2700 mm	NO	2	815.00	1630.00
	36 11 00 0029	(c) M.S.Angle Fab. for Trns. Belting(Bracing) - 50x50x6 mm - 2700 mm	NO	2	608.00	1216.00
	36 11 00 0037	(d) M.S.Angle Fab. for Bracing of DO Fuses - 65x65x6 mm - 750 mm	NO	4	231.00	924.00
	26 09 00 0008	(e) M.S.Angle Fab. for Distribution box - 65x65x6 mm - 1000 mm	NO	1	297.00	297.00
						7327.00
3	13 05 00 0001	11 KV.D.O. FUSES.(Polymeric)	NO.	3	846.00	2538.00
4	22 01 00 0004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO.	3	428.00	1284.00
5		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO.	4	984.00	3936.00
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
6	26 99 00 0006	CAUTION & DANGER BOARD.	NO.	2	39.00	78.00
7		EARTHING FOR POLE NEUTRAL & LIGHTING ARRESTOR (PIPE) Material required for 1 No coil type earthing	NO.	3	331.00	993.00
	901000024	G I EARTHING COIL 8 SWG -1No	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		ANTI CLAIMING DEVICES.	NO.	2	95.00	190.00
	01 03 00 0070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	NO.	2	95.00	190.00
9	21 04 00 0006	63KVA L.T. DIST. BOX	NO.	1	8921.00	8921.00
10		PVC INSULATED & SHEATHED 70 MM ²	MTR	5	184.00	920.00
	04 01 00 0004	3.5 Cx 70mm ² LT PVC Cable	MTR	5	184.00	920.00
11		-DO- BUT 25 MM ² OUT GOING SIDE.	MTR	30	83.00	2490.00
	04 01 00 0001	3.5Cx 25MM ² LT PVC Cable	MTR	30	83.00	2490.00
12	44 06 02 0001	X'MER 63 KVA 11KV/0.433KV.(CRGO)	NO.	1	85956.00	85956.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	3403.00	3403.00
	1601000069	(i) 100/5 A Static Meter .	NO	1	1589.00	1589.00
	1607000008	(ii) 3-ph SMC for CT OP. meter	NO	1	944.00	944.00
	2601000049	(iii) SIDE CLAMPS (50x6mm)	NO	2	63.00	126.00
	1608000046	(iv) Ring Type LT CT-100/5 A	SET	1	744.00	744.00
						3403.00
						3403.00

SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
14		SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS & NUTS ETC.				2284.80
	15 01 00 0024	(a) M.S.Bolts & Nuts 65x16mm	KG	4.00	60.00	240.00
	15 01 00 0031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	60.00	213.60
	15 01 00 0038	(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
	13 02 00 0005	(e) Fuse element - 5 Amp	No	3	14.00	42.00
	13 01 00 0015	(f) Tinned Copper Fuse Wire No.14(for 63 Amp. Fuse)	Grams	6	0.650	3.90
	13 01 00 0015	(g) Tinned Copper Fuse Wire No.14(for 32 Amp. Fuse)	Grams	12	0.650	7.80
	04 15 00 0003	(h)Alu.lugs -Trans. LT 70 SQ.MM Cable	NO.	6	7.35	44.10
	04 15 00 0004	(i)Alu.lugs -Trans. LT 35 SQ.MM Cable	NO.	2	5.00	10.00
	04 16 00 0006	(j)Alu.lugs for kit-Kat 25 SQ.MM Cable	NO.	6	4.00	24.00
	04 16 00 0005	(k)Alu.lugs for kit-Kat 16 SQ.MM Cable	NO.	2	4.00	8.00
	26 13 00 0002	(l) Three hole patties	NO.	6	35.00	210.00
	26 01 00 0049	(j) Side Clamp	NO.	12	63.00	756.00
						2284.80
15		COST OF MATERIALS				124462.80
16		ADD:3% CONTINGENCIES				3733.88
17		ADD:2% STORAGE CHARGES				2489.26
18		ADD:2% TRANSPORTATION & MISC.				2489.26
19		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				18669.42
20		A				151844.62
21		LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,DO FUSES, DIST.BOX ETC.	NO.	1	5901.00	5901.00
22		ERECTION OF EARTHING COIL TYPE WITH SALT & COAL	NO.	3	508.00	1524.00
		ERECTION OF GUY SET COMPLETE	NO.	4	365.00	1460.00
24		CARTING OF PSC POLE AT DESTL	NO.	2	280.00	560.00
25		CARTING OF LINE MATERIALS TO SITE			---LS---	707.00
26		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	4	82.60	330.40
27		INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C			---LS---	473.00
28		LABOUR CHARGES...				10955.40
29		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				1643.31
30						
31		B				12598.71
32		A+B				164443.33
33		TOTAL ESTIMATE			Say Rs.	164443

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
11/0.433 KV 100 KVA DIST. TRANSFORMER CENTRE						Sheet-10
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8 Meter 200 KG	NO.	2	2071.00	4142.00
2		STRUCTURE STEEL FOR TERMINATING LINES MOUNTING OF TRANS.FIXING OF FUSES 11KV.	---	LS---		9307.00
	36 12 00 0005/6	(a) M.S.Channel Bottom Fab. For Trns. DP - 100x50x6mm - 2700mm	NO	4	1310.00	5240.00
	36 11 00 0038	(b) M.S.Angle 11 KV DO Fuse- Fab. 65x65x6mm - 2700mm	NO	2	815.00	1630.00
	36 12 00 0029	(c) M.S.Angle Fab. 50x50x6mm -2700mm for belting	NO	2	608.00	1216.00
	36 12 00 0037	(d) M.S. Angle Fab. 65x65x6mm -750mm for side arms for DO fuse	NO	4	231.00	924.00
	26 09 00 0008	(e) M.S.Angle 65x65x6mm - 1 Mtr for Distribution box	NO	1	297.00	297.00
						9307.00
3	13 05 00 0001	11 KV.D.O. FUSES.(Polymeric)	NO.	3	846.00	2538.00
4	22 01 00 0004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO.	3	428.00	1284.00
5		GUY SET WITH PREFORMED FITTING. Material required for 1 No. Guy set	NO.	4	984.00	3936.00
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
6	26 99 00 0006	CAUTION & DANGER BOARD.	NO.	2	39.00	78.00
7		EARTHING FOR POLE NEUTRAL & LIGHTENING ARRESTOR (PIPE TYPE) Material required for 1 No coil type earthing	NO.	3	331.00	993.00
	901000024	G I EARTHING COIL 8 SWG -1No	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		ANTI CLAIMING DEVICES. Barbed wire - 1.591 Kg for 1 No. antilimbing device	NO.	2	95.00	190.00
9	21 04 00 0009	100 KVA L.T. DIST. BOX	NO.	1	12053.00	12053.00
10		PVC INSULATED & SHEATHED 150 MM ² 3.5 CORE CABLE FOR INCOMING SIDE.	MTR	5	363.00	1815.00
	04 01 00 0007	3.5 C x 150mm ² LT PVC Cable	MTR	5	363.00	1815.00
11		-DO- BUT 50 MM ² OUT GOING SIDE.	MTR	30	138.00	4140.00
	04 01 00 0003	3.5 C x 50mm ² LT PVC Cable	MTR	30	138.00	4140.00
12	44 06 02 0023	X'MER 100 KVA 11KV/0.433KV.	NO.	1	123800.00	123800.00
13		Static Meter for energy audit of T/C along with MMB/CTS Cable	SET	1	3092.00	3092.00
	1601000070	(i) 200/5 A Static Meter.	NO	1	1589.00	1589.00
	1607000008	(ii) 3-ph SMC for CT OP. meter	NO	1	944.00	944.00
	2601000049	(iii) SIDE CLAMPS (50x6mm)	NO	2	63.00	126.00
	1608000047	(iv) Ring Type LT CT-200/5A	SET	1	433.00	433.00
						3092.00

						Sheet-10
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
14		SUNDRY MATERIALS SUCH AS PG CLAMPS, BOLTS & NUTS ETC.				2376.42
	15 01 00 0024	(a) M.S.Bolts & Nuts 65x16mm	KG	4.00	60.00	240.00
	15 01 00 0031	(b) M.S.Bolts & Nuts 180x16mm	KG	3.56	60.00	213.60
	15 01 00 0038	(c) M.S.Bolts & Nuts 300x16mm	KG	3.09	60.00	185.40
	26 01 00 0027 /0028	(d) P.G. Clamp for Weasle or Rabbit	No	6	90.00	540.00
	13 02 00 0006	(e) Fuse element-10 Amp	No	3	15.00	45.00
	13 01 00 0017	(f) Tinned Copper Fuse Wire No.12(for 100 Amp. Fuse)	Grams	18.00	0.650	11.70
	13 01 00 0015	(g) Tinned Copper Fuse Wire No.14(for 63 Amp. Fuse)	Grams	12.00	0.650	7.80
	04 15 00 0019	(h)Alu.lugs -Trans. LT 150 SQ.MM Cable	NO.	6	15.42	92.52
	04 15 00 0003	(i) Alu.lugs -Trans. LT 70 SQ.MM Cable	NO.	2	7.35	14.70
	04 16 00 0007	(j) Alu.lugs for kit-Kat 50 SQ.MM Cable	NO.	9	5.30	47.70
	04 16 00 0006	(k) Alu.lugs for kit-Kat 25 SQ.MM Cable	NO.	3	4.00	12.00
	26 13 00 0002	(l) Three hole patties	NO.	6	35.00	210.00
	26 01 00 0049	(m) Side Clamp	NO.	12	63.00	756.00
						2376.42
15		COST OF MATERIALS				169744.42
16		ADD:3% CONTINGENCIES				5092.33
17		ADD:2% STORAGE CHARGES				3394.89
18		ADD:2% TRANSPORTATION & MISC.				3394.89
19		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				25461.66
20		A				207088.19
21		LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,DO FUSES, DIST.BOX ETC.	NO.	1	5901.00	5901.00
22		ERECTION OF EARTHING COIL TYPE WITH SALT & COAL	NO.	3	508.00	1524.00
23		ERECTION OF GUY SET COMPLETE	NO.	4	365.00	1460.00
24		CARTING OF PSC POLE AT DESTL	NO.	2	280.00	560.00
25		CARTING OF LINE MATERIALS TO SITE			---LS---	707.00
26		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	4.00	82.60	330.40
27		INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C			---LS---	473.00
28		LABOUR CHARGES...				10955.40
29		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				1643.31
30						
31		B				12598.71
32		A+B				219686.90
33		TOTAL ESTIMATE			Say Rs.	219687

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
L.T. LINE 1PH.2WIRE FOR VERTICAL FORMATION USING						
34 MM ² AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M ²						Sheet-11
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
		L.T. LINE 1PH 2W 34MM ² AAAC (W.P.100KG/M ²)				
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	20	2071.00	41420.00
2		GUY SETS WITH PREFORMED FITTING.	NO.	6	902.00	5412.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0014	(d) Stay Wire 7/12 - 4 Kg.	KG	4	73.00	292.00
	20 03 00 0003	(e) LT Guy Insulator - 1 No.	NO	1	21.00	21.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						902.00
3		EARTHING OF POLES(COIL TYPE).	NO.	20	213.00	4260.00
		Material required for 1 No earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
4		L.T. SHACKLE INSULATOR COMP.	NO.	40	76.00	3040.00
		WITH FITTING VIZ. U CLAMP AND GI BOLT				
	20 02 00 0001	(a) LT Shackle Insulator	No	1	14.00	14.00
	20 10 00 0002	(b) LT Shackle Bolt	No	1	11.00	11.00
	26 01 00 0040	(c) U clamp	No	1	51.00	51.00
						76.00
5		ALL ALU. ALLOY CONDUCTOR 34MM ² SIZE OF PHASES, NEUTRAL AND ST. LIGHT	KM.	2.06	19989.00	41177.34
	01 02 00 0031	ALL ALU. ALLOY CONDUCTOR 34MM ²	KM	2.06	19989.00	41177.34
6		SUNDRY MATERIALS SUCH AS BOLTS NUTS/PG CLAMPS,GI WIRE,BINDING TAPE & BINDING WIRE,LINE SPACER ETC. WITH PREFORMED FITTINGS				1658.40
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.40	60.00	144.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	14.24	60.00	854.40
	01 01 00 0003	(c) Alu. Binding wire	KG	1.00	100.00	100.00
	26 15 00 0001/2	(d) Line spacers for 2 wire line (Considering 2 spacers / span)	NO	40	14.00	560.00
						1658.40
7		COST OF MATERIALS				96967.74
8		ADD:3% CONTINGENCIES				2909.03
9		ADD:2% STORAGE CHARGES				1939.35
10		ADD:2% TRANSPORTATION & MISC.				1939.35
11		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				14545.16
12		A				118300.64
13		CARTING OF PSC POLE AT DESTINATION	NO.	20	280.00	5600.00
14		SURVEY,TREE CUTTING &COMPENSATION			----LS----	186.00
15		CARTING OF MATERIALS ON TO SITE			----LS----	707.00
16		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING OF PITS, FIXING OF POLE FIXTURE etc. AND PAINTING OF STEEL FIXTURE.	NO.	20	756.00	15120.00

						Sheet-11
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
17		STRINGING OF CONDUCTOR	KM.	2	1373.00	2746.00
18		LABOUR CHARGES FOR FIXING GUYS	NO.	6	365.00	2190.00
		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT AND COAL	NO.	20	393.00	7860.00
20		LABOUR CHARGES FOR PROVIDING LINE SPACER	NO.	40	24.00	960.00
21		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	6.00	82.60	495.60
22		LABOUR CHARGES...				35864.60
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5379.69
24						
25		B				41244.29
26		A+B				159544.93
27		TOTAL ESTIMATE			Say Rs.	159545

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
L.T. LINE 1PH.3 WIRE FOR VERTICAL FORMATION USING 34 MM ² AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M ²						Sheet-12
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	20	2071.00	41420.00
2		GUY SETS WITH PREFORMED FITTING.	NO.	6	902.00	5412.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0014	(d) Stay Wire 7/12 - 4 Kg.	KG	4	73.00	292.00
	20 03 00 0003	(e) LT Guy Insulator - 1 No.	NO	1	21.00	21.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						902.00
3		EARTHING OF POLES(COIL TYPE).	NO.	20	213.00	4260.00
		Material required for 1 No earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
4		L.T. SHACKLE INSULATOR COMP. WITH FITTING VIZ. U CLAMP AND GI BOLT	NO.	60	76.00	4560.00
	20 02 00 0001	(a) LT Shackle Insulator	No	1	14.00	14.00
	20 10 00 0002	(b) LT Shackle Bolt	No	1	11.00	11.00
	26 01 00 0040	(c) U clamp	No	1	51.00	51.00
						76.00
5	01 02 00 0031	ALL ALU. ALLOY CONDUCTOR 34MM ² SIZE	KM.	3.09	19989.00	61766.01
6		SUNDRY MATERIALS SUCH AS BOLTS NUTS/PG CLAMPS,GI WIRE,BINDING TAPE & BINDING WIRE,LINE SPACER ETC. WITH PREFORMED FITTINGS				2215.60
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.40	60.00	144.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	21.36	60.00	1281.60
	01 01 00 0003	(c) Alu. Binding wire	KG	1.50	100.00	150.00
	26 15 00 0022	(d) Line spacers for 3 wire line (Considering 2 spacers / span)	NO	40	16.00	640.00
						2215.60
7		COST OF MATERIALS				119633.61
8		ADD:3% CONTINGENCIES				3589.01
9		ADD:2% STORAGE CHARGES				2392.67
10		ADD:2% TRANSPORTATION & MISC.				2392.67
11		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				17945.04
12		A				145953.00
13		CARTING OF PSC POLE AT DESTINATION	NO.	20	280.00	5600.00
14		SURVEY,TREE CUTTING &COMPENSATION			----LS----	186.00
15		CARTING OF LINE MATERIALS TO SITE			----LS----	707.00
16		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING OF PITS, FIXING OF POLE FIXTURE etc. AND PAINTING OF STEEL FIXTURE.	NO.	20	756.00	15120.00

SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
17		STRINGING OF CONDUCTOR	KM.	3	1373.00	4119.00
18		LABOUR CHARGES FOR FIXING GUYS.	NO.	6	365.00	2190.00
19		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT AND COAL	NO.	20	393.00	7860.00
20		LABOUR CHARGES FOR PROVIDING LINE SPACER	NO.	40	24.00	960.00
21		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	6.00	82.60	495.60
22		LABOUR CHARGES....				37237.60
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5585.64
24						
25		B				42823.24
26		A+B				188776.24
27		TOTAL ESTIMATE			Say Rs.	188776

MADHYA GUJARAT VLI COMPANY LIMITED						
L.T. LINE 3PH.4 WIRE FOR AG. PURPOSE AND VERTICAL FORMATION USING 34 MM ² AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M ²						Sheet-13
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	20	2071.00	41420.00
2		GUY SETS WITH PREFORMED	NO.	6	902.00	5412.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0014	(d) Stay Wire 7/12 - 4 Kg.	KG	4	73.00	292.00
	20 03 00 0003	(e) LT Guy Insulator - 1 No.	NO	1	21.00	21.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						902.00
3		EARTHING OF POLES(COIL TYPE).	NO.	20	213.00	4260.00
		Material required for 1 No earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
4		L.T. SHACKLE INSULATOR COMP. WITH FITTING VIZ."U "CLAMP AND GI BOLT	NO.	80	76.00	6080.00
	20 02 00 0001	(a) LT Shackle Insulator	No	1	14.00	14.00
	20 10 00 0002	(b) LT Shackle Bolt	No	1	11.00	11.00
	26 01 00 0040	(c) U clamp	No	1	51.00	51.00
						76.00
5		AAAC 34MM ² SIZE FOR PHASES & NEUTRAL	KM.	4.12	19989.00	82354.68
	01 02 00 0031	AAA Conductor 34MM ²	KM	4.12	19989.00	82354.68
6		SUNDRY MATERIALS SUCH AS BOLTS NUTS/PG CLAMPS,GI WIRE,BINDING TAPE & BINDING WIRE,LINE SPACER ETC. WITH PREFORMED FITTINGS				3148.80
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.00	60.00	120.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	28.48	60.00	1708.80
	01 01 00 0003	(c) Alu. Binding wire	KG	2.00	100.00	200.00
	26 15 00 0003	(d) Line spacers for 4 wire line (Considering 2 spacers / span)	NO	40	28.00	1120.00
						3148.80
7		COST OF MATERIALS				142675.48
8		ADD:3% CONTINGENCIES				4280.26
9		ADD:2% STORAGE CHARGES				2853.51
10		ADD:2% TRANSPORTATION & MISC.				2853.51
11		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				21401.32
12		A				174064.09
13		CARTING OF PSC POLE AT DESTINATION	NO.	20	280.00	5600.00
14		SURVEY,TREE CUTTING &COMPENSATION			----LS----	186.00
15		CARTING OF LINE MATERIALS TO SITE			----LS----	707.00
16		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING OF PITS, FIXING OF POLE FIXTURE etc. AND PAINTING OF STEEL FIXTURE.	NO.	20	756.00	15120.00

SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
17		STRINGING OF CONDUCTOR	KM.	4	1373.00	5492.00
18		LABOUR CHARGES FOR FIXING GUYS	NO.	6	365.00	2190.00
19		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT AND COAL	NO.	20	393.00	7860.00
20		LABOUR CHARGES FOR PROVIDING LINE SPACER	NO.	40	24.00	960.00
21		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	6.00	82.60	495.60
22		LABOUR CHARGES...				38610.60
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5791.59
24						
25		B				44402.19
26		A+B				218466.28
27		TOTAL ESTIMATE			Say Rs.	218466

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
L.T. LINE 3PH.4 WIRE FOR AG. PURPOSE AND VERTICAL FORMATION USING						Sheet-14
55 MM ² AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M ²						
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8 M/200KG.	NO.	20	2071.00	41420.00
2		EARTHING OF POLES(COIL TYPE)	NO.	20	213.00	4260.00
		Material required for 1 No earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
3		GUY SET WITH PREFORMED FITTINGS	NO.	6	902.00	5412.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0014	(d) Stay Wire 7/12 - 4 Kg.	KG	4	73.00	292.00
	20 03 00 0003	(e) LT Guy Insulator - 1 No.	NO	1	21.00	21.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						902.00
4		LT SHACKLE INSULATOR COMPL. WITH FITTING VIZ."U" CLAMP AND GI BOLT	NO.	80	76.00	6080.00
	20 02 00 0001	(a) LT Shackle Insulator	No	1	14.00	14.00
	20 10 00 0002	(b) LT Shackle Bolt	No	1	11.00	11.00
	26 01 00 0040	(c) U clamp	No	1	51.00	51.00
						76.00
5		AL.ALLOY CONDUCTOR 55 MM ² SIZE.	KM.	3.09	31288.00	96679.92
	01 02 00 0033	AL.ALLOY CONDUCTOR 55 MM ²	KM	3.09	31288.00	96679.92
6		-DO- BUT 34MM ² AAAC(NEUTRAL WIRE)	KM.	1.03	19989.00	20588.67
	01 02 00 0031	AL.ALLOY CONDUCTOR 34 MM ²	KM	1.03	19989.00	20588.67
7		SUNDRY MATERIALS SUCH AS BOLTS NUTS/PG CLAMPS,GI WIRE,BINDING TAPE & BINDING WIRE,LINE SPACER ETC. WITH PREFORMED FITTINGS				3148.80
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.00	60.00	120.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	28.48	60.00	1708.80
	01 01 00 0003	(c) Alu. Binding wire	KG	2.00	100.00	200.00
	26 15 00 0003	(d) Line spacers for 4 wire line (Considering 2 spacers / span)	NO	40	28.00	1120.00
						3148.80
8		COST OF MATERIALS				177589.39
9		ADD:3% CONTINGENCIES				5327.68
10		ADD:2% STORAGE CHARGES				3551.79
11		ADD:2% TRANSPORTATION & MISC.				3551.79
12		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				26638.41
13		A				216659.06
14		CARTING OF PSC POLE AT DESTINATION	NO.	20	280.00	5600.00
15		SURVEY,TREE CUTTING &COMPENSATION			----LS----	186.00
16		CARTING OF LINE MATERIALS TO SITE			----LS----	707.00

						Sheet-14
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
17		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING OF PITS, FIXING OF POLE FIXTURE etc. AND PAINTING OF STEEL FIXTURE.	NO.	20	756.00	15120.00
18		STRINGING OF CONDUCTOR	KM.	4	1373.00	5492.00
19		LABOUR CHARGES FOR FIXING GUYS	NO.	6	365.00	2190.00
20		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT AND COAL	NO.	20	393.00	7860.00
21		LABOUR CHARGES FOR PROVIDING LINE SPACER	NO.	40	24.00	960.00
22		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	6.00	82.60	495.60
23		LABOUR CHARGES...				38610.60
24		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				5791.59
25						
26		B				44402.19
27		A+B				261061.25
28		TOTAL ESTIMATE			Say Rs.	261061

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
L.T. LINE 3PH.5WIRE FOR VERTICAL FORMATION USING 34MM ² AAAC CONDUCTOR (WEASEL) WITH WIND PRESSURE 100 KG/M ²						Sheet-15
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	20	2071.00	41420.00
2		GUY SETS WITH PREFORMED FITTINGS	NO.	6	902.00	5412.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0014	(d) Stay Wire 7/12 - 4 Kg.	KG	4	73.00	292.00
	20 03 00 0003	(e) LT Guy Insulator - 1 No.	NO	1	21.00	21.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						902.00
3		EARTHING OF POLES(COIL TYPE).	NO.	20	213.00	4260.00
		Material required for 1 No earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
4		L.T. SHACKLE INSULATOR COMP. WITH FITTING VIZ. V CLAMP AND GI BOLT	NO.	100	76.00	7600.00
	20 02 00 0001	(a) LT Shackle Insulator	No	1	14.00	14.00
	20 10 00 0002	(b) LT Shackle Bolt	No	1	11.00	11.00
	26 01 00 0040	(c) U clamp		1	51.00	51.00
						76.00
5	01 02 00 0031	34MM ² AAAC CONDUCTOR	KM.	5.15	19989.00	102943.35
6		SUNDRY MATERIALS SUCH AS BOLTS NUTS/PG CLAMPS,GI WIRE,BINDING TAPE & BINDING WIRE,LINE SPACER ETC. WITH PREFORMED FITTINGS				4246.00
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.00	60.00	120.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	35.60	60.00	2136.00
	01 01 00 0003	(c) Alu. Binding wire	KG	2.50	100.00	250.00
	26 15 00 0024	(d) Line spacers for 5 wire line (Considering 3 spacers / span)	NO	60	29.00	1740.00
						4246.00
7		COST OF MATERIALS				165881.35
8		ADD:3% CONTINGENCIES				4976.44
9		ADD:2% STORAGE CHARGES				3317.63
10		ADD:2% TRANSPORTATION & MISC.				3317.63
11		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				24882.20
12		A				202375.25
13		CARTING OF PSC POLE AT DESTINATION	NO.	20	280.00	5600.00
14		SURVEY,TREE CUTTING &COMPENSATION			----LS----	186.00
15		CARTING OF LINE MATERIALS TO SITE			----LS----	707.00

SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
16		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING OF PITS, FIXING OF POLE FIXTURE etc. AND PAINTING OF STEEL FIXTURE.	NO.	20	756.00	15120.00
17		STRINGING OF CONDUCTOR	KM.	5	1373.00	6865.00
18		LABOUR CHARGES FOR FIXING GUYS.	NO.	6	365.00	2190.00
19		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT AND COAL	NO.	20	393.00	7860.00
20		LABOUR CHARGES FOR PROVIDING LINE SPACER	NO.	60	24.00	1440.00
21		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	6.00	82.60	495.60
22		LABOUR CHARGES....				40463.60
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				6069.54
24						
25		B				46533.14
26		A+B				248908.39
27		TOTAL ESTIMATE			Say Rs.	248908

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
L.T. LINE 3PHASE 5WIRE FOR AG PURPOSE. VERTICAL FORMATION USING						
55 MM ² AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M ²						
						Sheet-16
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8 M/200KG.	NO.	20	2071.00	41420.00
2		EARTHING OF POLES(COIL TYPE)	NO.	20	213.00	4260.00
		Material required for 1 No earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
3		GUY SET WITH PREFORMED FITTINGS	NO.	6	902.00	5412.00
		Material required for1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0014	(d) Stay Wire 7/12 - 4 Kg.	KG	4	73.00	292.00
	20 03 00 0003	(e) LT Guy Insulator - 1 No.	NO	1	21.00	21.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						902.00
4		LT SHACKLE INSULATOR COMPL. WITH H/W & PREFORM FITTINGS.	NO.	100	76.00	7600.00
	20 02 00 0001	(a) LT Shackle Insulator	No	1	14.00	14.00
	20 10 00 0002	(b) LT Shackle Bolt	No	1	11.00	11.00
	26 01 00 0040	(c) U clamp	No	1	51.00	51.00
						76.00
5		AL.ALLOY CONDUCTOR 55 MM² SIZE.	KM.	3.09	31288.00	96679.92
	01 02 00 0033	AL.ALLOY CONDUCTOR 55 MM ²	KM	3.09	31288.00	96679.92
6		-DO- BUT 34MM² AAA CONDUCTOR AND STREET LIGHT	KM.	2.06	19989.00	41177.34
	01 02 00 0031	AL.ALLOY CONDUCTOR 34 MM ²	KM	2.06	19989.00	41177.34
7		SUNDRY MATERIALS SUCH AS BOLTS NUTS/PG CLAMPS,GI WIRE,BINDING TAPE & BINDING WIRE,LINE SPACER ETC. WITH PREFORMED FITTINGS				4246.00
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.00	60.00	120.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	35.60	60.00	2136.00
	01 01 00 0003	(c) Alu. Binding wire	KG	2.50	100.00	250.00
	26 15 00 0024	(d) Line spacers for 5 wire line (Considering 3 spacers / span)	NO	60	29.00	1740.00
						4246.00
8		COST OF MATERIALS				200795.26
9		ADD:3% CONTINGENCIES				6023.86
10		ADD:2% STORAGE CHARGES				4015.91
11		ADD:2% TRANSPORTATION & MISC.				4015.91
12		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				30119.29
13		A				244970.22
14		CARTING OF PSC POLE AT DESTI. DESTINATION	NO.	20	280.00	5600.00
15		SURVEY,TREE CUTTING &COMPENSATION			----LS----	186.00
16		CARTING OF LINE MATERIALS TO SITE			----LS----	707.00

SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
17		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING OF PITS, FIXING OF POLE FIXTURE etc. AND PAINTING OF STEEL FIXTURE.	NO.	20	756.00	15120.00
18		STRINGING OF CONDUCTOR	KM.	5	1373.00	6865.00
19		LABOUR CHARGES FOR FIXING GUYS.	NO.	6	365.00	2190.00
20		LABOUR CHARGES FOR PROVIDING EARTHING WITH SALT AND COAL	NO.	20	393.00	7860.00
21		LABOUR CHARGES FOR PROVIDING LINE SPACER	NO.	60	24.00	1440.00
22		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	6.00	82.60	495.60
23		LABOUR CHARGES....				40463.60
24		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				6069.54
25						
26		B				46533.14
27		A+B				291503.36
28		TOTAL ESTIMATE			Say Rs.	291503

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
SERVICE CONNECTION 3 PHASE 4 WIRE UP TO 5 HP						Sheet-17
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	0	30.00	0.00
2	13 03 00 0006	KIT-KAT FUSE 32 AMPS.	NO.	6	60.00	360.00
3		3-ph SMC for whole current meter	NO.	1	527.00	527.00
	1607000005	3phSMC WCM	NO.	1	527.00	527.00
4		SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	0	219.00	0.00
	1607000004	SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	0	219.00	0.00
5	01 03 00 0002	G.I.WIRE NO.8 (4 MM)	KG	3	70.00	210.00
6	04 01 00 0033	PVC ALUM.4 CX6MM ² UN-ARMoured CABLE	MTR	35	27.00	945.00
7		ANGLE SUPPORT FOR TERMINATION OF SERVICE	NO	1	297.00	297.00
	21 07 00 0048	M.S.Angle 65x65x6mm - 1 Mtr for angle support for termination of service (Service Angle)	NO	1	297.00	297.00
8	16 01 00 0073	3 PHASE W.C. L.T. STATIC METER 10/60 AMP.	NO.	1	1780.00	1780.00
9	1601000011	1P2W 5-30A 240V STATIC METER - class 1.0 [CT type construction]	No	0	670	0
10		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDING WIRE,TAPS,BOLT,PIECE OF PVC PIPE ,NUTS WITH PREFORM FITTING.				232.06
	15 05 00 0044	(a) Jasati Khila	KG	0.23	160.00	36.61
	28 01 00 0015	(b) Rigid PVC Pipe- 1.5 Mtr	NO	1	108.00	108.00
	19 05 00 0002	(c) LT Tape	Mtr	2	37.75	75.50
	15 05 00 0013	(d) Screw- 19x8 (for 16 Amp Fuse)/Screw-20x8	NO	1	0.50	0.50
	15 05 00 0012	(e) Screw - 25x8 (for 32 Amp Fuse)	NO	6	0.50	3.00
	13 01 00 0006	(f) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	1	0.650	0.65
	13 01 00 0015	(g) Tinned Copper Fuse Wire No.14(for 32 Amp. Fuse)	Grams	12	0.650	7.80
						232.06
10(A)		Consumer earthing Materials(GI+GI Coil+PVC Pipe)	NO	1	220.00	220.00
11		COST OF MATERIALS				4571.06
12		ADD:3% CONTINGENCIES				137.13
13		ADD:2% STORAGE CHARGES				91.42
14		ADD:2% TRANSPORTATION & MISC.				91.42
15		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				685.66
16		A				5576.69
17		LABOUR CHARGES FOR LAYING OF SERVICE CONNECTION	NO.		--- <td>355.00</td>	355.00
17(A)		Eection of Earthing Coil including Coal & Salt (10 Kg.+10 Kg.)	NO.	1	335.81	335.81
18		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				103.62
19						
20		B				794.43
21		A+B				6371.12
22		TOTAL ESTIMATE			Say Rs.	6371

SERVICE CONNECTION 3 PHASE 4 WIRE FROM 5 HP TO 10 HP						Sheet-18
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	0	30.00	0.00
2	13 03 00 0006	KIT-KAT FUSE 32 AMPS.	NO.	6	60.00	360.00
3		SMC METER BOX FOR THREE PHASE WHOLE CURRENT METERSINTEX		1	527	527.00
	1607000005	SMC METER BOX FOR THREE PHASE WHOLE CURRENT METER		1	527	527.00
4		SMC METER BOX FOR SINGLE PHASE METER-SINTEX		0	219.00	0.00
	1607000004	SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	0	219.00	0.00
5	01 03 00 0002	G.I.WIRE NO.8 (4 MM)	KG	3	70.00	210.00
6	04 01 00 0034	PVC ALUM.4 CX 10 MM ² UN-ARMoured CABLE	MTR	35	42.00	1470.00
7		ANGLE SUPPORT FOR TERMINATION OF SERVICE	NO	1	297.00	297.00
	21 07 00 0048	M.S.Angle 65x65x6mm - 1 Mtr for angle support for termination of service (Service Angle)	NO	1	297.00	297.00
8	16 01 00 0073	3 PHASE W.C. L.T. STATIC METER 10/60 AMP.	NO.	1	1780.00	1780.00
9	1601000011	IP2W 5-30A 240V STATIC METER - class 1.0 [CT type construction]	NO	0	670	0.00
10		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDING WIRE,TAPS,BOLT,PIECE OF PVC PIPE ,NUTS WITH PREFORM FITTING.				232.06
	15 05 00 0044	(a) Jasati Khila	KG	0.23	160.00	36.61
	28 01 00 0015	(b) Rigid PVC Pipe- 1.5 Mtr	NO	1	108.00	108.00
	19 05 00 0002	(c) LT Tape	Mtr	2	37.75	75.50
	15 05 00 0013	(d) Screw- 19x8 (for 16 Amp Fuse)/Screw 20x8	NO	1	0.50	0.50
	15 05 00 0012	(e) Screw - 25x8 (for 32 Amp Fuse)	NO	6	0.50	3.00
	13 01 00 0006	(f) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	1.00	0.650	0.65
	13 01 00 0015	(g) Tinned Copper Fuse Wire No.14(for 32 Amp. Fuse)	Grams	12.00	0.650	7.80
						232.06
10(A)		Consumer earthing Materials(GI+GI Coil+PVC Pipe)	NO	1	220.00	220.00
11		COST OF MATERIALS				5096.06
12		ADD:3% CONTINGENCIES				152.88
13		ADD:2% STORAGE CHARGES				101.92
14		ADD:2% TRANSPORTATION & MISC.				101.92
15		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				764.41
16		A				6217.19
17		LABOUR CHARGES FOR LAYING OF SERVICE CONNECTION	NO.		---L.S---	355.00
17(A)		Erection of Earthing Coil including Coal & Salt (10 Kg.+10 Kg.)	NO.	1	335.81	335.81
18		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				103.62
19						
20		B				794.43
21		A+B				7011.62
22		TOTAL ESTIMATE			Say Rs.	7012

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
SERVICE CONNECTION 3 PHASE 4 WIRE FROM 10 HP TO 20 HP						Sheet-19
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	0	30.00	0.00
2	13 03 00 0006	KIT-KAT FUSE 32 AMPS.	NO.	6	60.00	360.00
3		SMC METER BOX FOR THREE PHASE WHOLE CURRENT METER-SINTEX		1	527.00	527.00
	1607000005	SMC METER BOX FOR THREE PHASE WHOLE CURRENT METER-SINTEX	NO.	1	527.00	527.00
4		SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	0	219.00	0.00
	1607000004	SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	0	219.00	0.00
5	01 03 00 0002	G.I.WIRE NO.8 (4 MM)	KG	3	70.00	210.00
6	04 01 00 0035	PVC ALUM.4 CX16MM ² UN-ARMoured CABLE	MTR	35	64.00	2240.00
7		ANGLE SUPPORT FOR TERMINATION OF SERVICE	NO	1	297.00	297.00
	21 07 00 0048	M.S.Angle 65x65x6mm - 1 Mtr for angle support for termination of service (Service Angle)	NO	1	297.00	297.00
8	16 01 00 0073	3 PHASE W.C. L.T. STATIC METER 10/60 AMP.	NO.	1	1780.00	1780.00
9	1601000011	1P2W 5-30A 240V STATIC METER - class 1.0 [CT type construction]	NO.	0	670.00	0.00
		1P2W 5-30A 240V STATIC METER - class 1.0 [CTtype construction]	NO.	1	670.00	670.00
10		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDING WIRE,TAPS,BOLT,PIECE OF PVC PIPE ,NUTS WITH PREFORM FITTING.				232.06
	15 05 00 0044	(a) Jasati Khila	KG	0.23	160.00	36.61
	28 01 00 0015	(b) Rigid PVC Pipe- 1.5 Mtr	NO	1	108.00	108.00
	19 05 00 0002	(c) LT Tape	Mtr	2	37.75	75.50
	15 05 00 0013	(d) Screw- 19x8 (for 16 Amp Fuse)/Screw 20x8	NO	1	0.50	0.50
	15 05 00 0012	(e) Screw - 25x8 (for 32 Amp Fuse)	NO	6	0.50	3.00
	13 01 00 0006	(f) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	1.00	0.650	0.65
	13 01 00 0015	(g) Tinned Copper Fuse Wire No.14(for 32 Amp. Fuse)	Grams	12.00	0.650	7.80
						232.06
10(A)		Consumer earthing Materials(GI+GI Coil+PVC Pipe)	NO	1	220.00	220.00
11		COST OF MATERIALS				5866.06
12		ADD:3% CONTINGENCIES				175.98
13		ADD:2% STORAGE CHARGES				117.32
14		ADD:2% TRANSPORTATION & MISC.				117.32
15		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				879.91
16		A				7156.59
17		LABOUR CHARGES FOR LAYING OF SERVICE CONNECTION	NO.		---L.S---	355.00
17(A)		Erection of Earthing Coil including Coal & Salt (10 Kg.+10 Kg.)	NO.	1	335.81	335.81
18		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				103.62
19						
20		B				794.43
21		A+B				7951.02
22		TOTAL ESTIMATE			Say Rs.	7951

MADHYA GUJARAT VJI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
SERVICE CONNECTION 3 PHASE 4 WIRE FROM 20 HP TO 60 HP						Sheet-20
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	0.00	30.00	0.00
2	13 03 00 0014	KIT-KAT FUSE 100 AMPS.	NO.	6.00	327.00	1962.00
3		THREE PHASE SMC METER BOX FOR THREE PHASE CT OPERATED METER-	NO.	1	944.00	944.00
	1607000008	THREE PHASE SMC METER BOX FOR THREE PHASE CT OPERATED METER-	NO.	1	944.00	944.00
4		SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO	0	219.00	0.00
	1607000004	SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO	0	219.00	0.00
5	01 03 00 0002	G.I.WIRE NO.8 (4 MM)	KG	3.00	70.00	210.00
6	04 01 00 0003	3.5 CORE 50MM ² PVC CABLE.	MTR	35.00	138.00	4830.00
7		ANGLE SUPPORT FOR TERMINATION OF SERVICE	NO	1	297.00	297.00
	21 07 00 0048	M.S.Angle 65x65x6mm - 1 Mtr for angle support for termination of service (Service Angle)	NO	1	297.00	297.00
8	16 01 00 0069	3 PHASE L.T. STATIC METER 100/5 AMP. C. T. OPERATED.	NO.	1	1589.00	1589.00
9	16 08 00 0046	RING TYPE L. T. C. T. - 100/5 AMP.	SET	1	744.00	744.00
10	1601000011	IP2W 5-30A 240V STATIC METER - class 1.0 [CT type construction]	NO.	0	670.00	0.00
11		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDING WIRE,TAPS,BOLT,PIECE OF PVC PIPE ,NUTS WITH PREFORM FITTING.				247.66
	15 05 00 0044	(a) Jasati Khila	KG	0.23	160.00	36.61
	28 01 00 0015	(b) Rigid PVC Pipe- 1.5 Mtr	NO	1	108.00	108.00
	19 05 00 0002	(c) LT Tape	Mtr	2	37.75	75.50
	15 05 00 0013	(d) Screw- 19x8 (for 16 Amp Fuse)/Screw 20x8	NO	1	0.50	0.50
	15 05 00 0028	(e) Screw - 75x8 (for 100 Amp Fuse)	NO	6	0.50	3.00
	15 0100 0006	(f) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	1.00	0.650	0.65
	13 01 00 0017	(g) Tinned Copper Fuse Wire No.12(for 100 Amp. Fuse)	Grams	36.00	0.650	23.40
						247.66
11(A)		Consumer earthing Materials(GI+GI Coil+PVC Pipe)	NO	1	220.00	220.00
12		COST OF MATERIALS				11043.66
13		ADD:3% CONTINGENCIES				331.31
14		ADD:2% STORAGE CHARGES				220.87
15		ADD:2% TRANSPORTATION & MISC.				220.87
16		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				1656.55
17		A				13473.26
18		LABOUR CHARGES FOR LAYING OF SERVICE CONNECTION	NO.		---L.S---	355.00
18(A)		Eection of Earthing Coil including Coal & Salt (10 Kg.+10 Kg.)	NO.	1	335.81	335.81
19		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				103.62
20						
21		B				794.43
22		A+B				14267.69
23		TOTAL ESTIMATE			Say Rs.	14268

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
SERVICE CONNECTION 3 PHASE 4 WIRE FROM 60 HP AND ABOVE						Sheet-21
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	0	30.00	0.00
2	13 03 00 0020	KIT-KAT FUSE 200 AMPS.	NO.	6	771.00	4626.00
3		THREE PHASE SMC METER BOX FOR THREE PHASE CT OPERATED METER-		1	944.00	944.00
	1607000008	THREE PHASE SMC METER BOX FOR THREE PHASE CT OPERATED METER-		1	944.00	944.00
4		SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	0	219.00	0.00
	1607000004	SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	0	219.00	0.00
5	01 03 00 0002	G.I.WIRE NO.8 (4 MM)	KG	3.00	70.00	210.00
6	04 01 00 0004	3.5 CORE 70MM ² PVC CABLE.	MTR	35.00	184.00	6440.00
7		ANGLE SUPPORT FOR TERMINATION OF SERVICE	NO	1	297.00	297.00
	21 07 00 0048	M.S.Angle 65x65x6mm - 1 Mtr for angle support for termination of service (Service Angle)	NO	1	297.00	297.00
8	16 01 00 0070	3 PHASE L.T. STATIC METER 200/5 AMP. C. T. OPERATED.	NO.	1	1589.00	1589.00
9	16 08 00 0047	RING TYPE L. T. C. T. - 200/5 AMP.	SET	1	433.00	433.00
10	1601000011	IP2W 5-30A 240V STATIC METER - class 1.0 [CT type construction]	NO.	0	670.00	0.00
11		SUNDRY MATERIAL SUCH AS PG CLAMP,BINDING WIRE,TAPS,BOLT,PIECE OF PVC PIPE ,NUTS WITH PREFORM FITTING.				293.81
	15 05 00 0044	(a) Jasati Khila	KG	0.23	160.00	36.61
	28 01 00 0015	(b) Rigid PVC Pipe- 1.5 Mtr	NO	1	108.00	108.00
	19 05 00 0002	(c) LT Tape	Mtr	2	37.75	75.50
	15 05 00 0013	(d) Screw- 19x8 (for 16 Amp Fuse)/Screw 20x8	NO	1	0.50	0.50
	15 05 00 0028	(e) Bolt type Screw - 1/8 x.2" (for 200 Amp Fuse)	NO	6	0.50	3.00
	13 01 00 0006	(f) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	0.00	0.650	0.00
	13 01 00 0022	(g) Tinned Copper Fuse Wire No.10(for 200 Amp. Fuse)	Grams	108.0	0.650	70.20
						293.81
11(A)		Consumer earthing Materials(GI+GI Coil+PVC Pipe)	NO	1	220.00	220.00
12		COST OF MATERIALS				15052.81
13		ADD:3% CONTINGENCIES				451.58
14		ADD:2% STORAGE CHARGES				301.06
15		ADD:2% TRANSPORTATION & MISC.				301.06
16		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				2257.92
17		A				18364.43
18		LABOUR CHARGES FOR LAYING OF SERVICE CONNECTION	NO.		---L.S---	355.00
18(A)		Erection of Earthing Coil including Coal & Salt (10 Kg.+10 Kg.)	NO.	1	335.81	335.81
19		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				103.62
20						
21		B				794.43
22		A+B				19158.85
23		TOTAL ESTIMATE			Say Rs.	19159

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
ESTIMATE FOR SINGLE PHASE SERVICE CONNECTION (UP TO 6 KW LOAD)						Sheet-22
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	1	30.00	30.00
2		SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	1	219.00	219.00
	1607000004	SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	1	219.00	219.00
3	01 03 00 0003	G.I.WIRE NO.10 (3.15 MM)	KG.	1.50	70.00	105.00
4	19 01 00 0005	PVC INSULATED PVC SHEATHED 2.5 MM ² TWIN CORE CABLE	MTR.	35	9.90	346.50
5	1601000011	IP2W 5-30A 240V STATIC METER - class 1.0 [CT type construction]	NO.	1	670.00	670.00
6	20 04 00 0001	REEL INSULATOR	NO.	60	0.50	30.00
7	20 05 00 0001	EGG INSULATOR	NO.	2	2.50	5.00
8	28 01 00 0015	PVC PIPE 20 MM DIA (3 MTR PIECE)	NO	1	216.00	216.00
9		SUNDRY MATERIAL INCLUDING COST OF SCREW,BOLTS,BLACK TAPS, BINDING WIRE ,EARTHING BOLTS ETC. WITH PREFORMED FITTING.				10.75
	15 05 00 0044	(a) Jasati Khila	KG	0.06	160.00	9.60
	15 05 00 0013	(b) Screw- 19x8 (for 16 Amp Fuse)/Screw 20x8	NO	1	0.50	0.50
	13 01 00 0006	(c) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	1.00	0.650	0.650
						10.75
9(A)		Consumer earthing Materials(GI+GI Coil+PVC Pipe)	NO	1	220.00	220.00
10		COST OF MATERIALS				1852.25
11		ADD:3% CONTINGENCIES				55.57
12		ADD:2% STORAGE CHARGES				37.05
13		ADD:2% TRANSPORTATION & MISC.				37.05
14		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				277.84
15		A				2259.75
16		LABOUR CHARGES FOR LAYING OF SERVICE CONNECTION			---L.S---	258.00
16(A)		Erection of Earthing Coil including Coal & Salt (10 Kg.+10 Kg.)	NO.	1	335.81	335.81
17		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				89.07
18						
19		B				682.88
20		A+B				2942.62
21		TOTAL ESTIMATE			Say Rs.	2943

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
ESTIMATE FOR SINGLE PHASE STREET LIGHT CONNECTION						Sheet-23
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	1	30.00	30.00
2	1601000011	1P2W 5-30A 240V STATIC METER - class 1.0 [CT type construction]	NO.	1	670.00	670.00
3	21 05 00 0002	ICDP SWITCH 32 AMPS./30 AMPS.	NO.	1	140.00	140.00
4	19 01 00 0005	PVC INSULATED PVC SHEATHED 2.5 MM ² TWIN CORE CABLE	MTR	35	9.90	346.50
5	30 99 00 0002	CLAMP FOR FIXING PVC PIPE(M.S.CLAMP FOR ST.LIGHT FIXTURE)	NO.	1	70.00	70.00
6	28 01 00 0015	PVC PIPE 20 MM DIA 3 MTR	NO	1	216.00	216.00
7		SMC METER BOX FOR SINGLE PHASE METER-SINTEX	NO.	1	219.00	219.00
	1607000004	SMC METER BOX FOR SINGLE PHASE METER-SINTEX			219.00	0.00
8	21 07 00 0060	HOOK CLAMP FOR FIXING (DISTRIBUTION CLAMP)	NO.	2	40.00	80.00
9		SUNDRY MATERIAL				10.75
	15 05 00 0044	(a) Jasati Khila	KG	0.06	160.00	9.60
	15 05 00 0013	(b) Screw- 19x8 (for 16 Amp Fuse)/Screw 20x8	NO	1	0.50	0.50
	13 01 00 0006	(c) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	1.00	0.650	0.650
						10.75
9(A)		Consumer earthing Materials(GI+GI Coil+PVC Pipe)	NO	1	220.00	220.00
10		COST OF MATERIALS				2002.25
11		ADD:3% CONTINGENCIES				60.07
12		ADD:2% STORAGE CHARGES				40.05
13		ADD:2% TRANSPORTATION & MISC.				40.05
14		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				300.34
15		A				2442.75
16		LABOUR CHARGES FOR LAYING OF SERVICE CONNECTION			---L.S---	258.00
16(A)		Erection of Earthing Coil including Coal & Salt (10 Kg.+10 Kg.)	NO.	1	335.81	335.81
17		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				89.07
18						
19		B				682.88
20		A+B				3125.62
21		TOTAL ESTIMATE			Say Rs.	3126

MADHYA GUJARAT VIJ COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
ESTIMATE FOR SINGLE PHASE STREET LIGHT FIXTURE						Sheet-24
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	13 03 00 0004	KIT-KAT FUSE 16 AMPS.	NO.	1	30.00	30.00
2	30 06 00 0007 /0004	STREET LIGHT FIXURE COMPLETE WITH HOLDER REFLECTOR NIPPLE etc.	NO.	1	525.00	525.00
3	19 01 00 0005	PVC INSULATED PVC SHETHED 2.5 MM ² TWIN CORE CABLE	MTR.	8	9.90	79.20
4	30 99 00 0002	CLAMP FOR FIXING STREET LIGHT FIXURE INCLUDING BOLT & NUTS.	NO.	2	70.00	140.00
5		SUNDRY MATERIAL				1.15
	15 05 00 0013	(a) Screw- 19x8 (for 16 Amp Fuse)/Screw 20x8	NO	1	0.50	0.50
	13 01 00 0006	(b) Tinned Copper Fuse Wire No.18(for 16 Amp. Fuse)	Grams	1.00	0.650	0.650
						1.15
6		COST OF MATERIALS				775.35
7		ADD:3% CONTINGENCIES				23.26
8		ADD:2% STORAGE CHARGES				15.51
9		ADD:2% TRANSPORTATION & MISC.				15.51
10		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				116.30
11		A				945.93
12		LABOUR CHARGES FOR PROVIDING STREET LIGHT FIXURE			---L.S---	233.82
13		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				35.07
14						
15		B				268.89
16		A+B				1214.82
17		TOTAL ESTIMATE			Say Rs.	1215

MADHYA GUJARAT VLI COMPANY LIMITED						
COST DATA FOR THE YEAR 2019-20						
25 KVA CAPACITY 11 KV/0.433 KV TRANSFORMER CENTRE USING SINGLE POLE STRUCTURE						Sheet-25
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8 Meter 200 KG	NO.	1	2071.00	2071.00
2	2609000076	SINGLE POLE MOUNTING X'MER STRUCTURE WITH 11 KV D.O. FUSE ARRANGEMENT	SET	1	3681.00	3681.00
		(a) M.S. Angle 65x65x6mm - 1200mm - 7 Nos.				
		(b) M.S. Angle 65x65x6mm - 480mm - 2 Nos.				
		(c) M.S. Angle 65x65x6mm - 330mm - 2 Nos.				
		(d) M.S. Angle 65x65x6mm - 230mm - 8 Nos.				
3	13 05 00 0001	11 KV.D.O. FUSES.(Polymeric)	NO.	3	846.00	2538.00
4	22 01 00 0004	11KV DIST.TYPE LIGHTENING ARRESTOR(Polymeric)	NO.	3	428.00	1284.00
5		GUY SET WITH PREFORMED FITTING.	NO.	1	984.00	984.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
6	26 99 00 0006	CAUTION & DANGER BOARD.	NO.	1	39.00	39.00
7		EARTHING FOR POLE NATURAL & LIGHTENING ARRESTOR (PIPE TYPE)	NO.	3	331.00	993.00
		Material required for 1 No - coil type earthing				
		a)				
	901000024	G I EARTHING COIL 8 SWG -1No	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		ANTI CLAIMING DEVICES.	NO.	1	95.00	95.00
	01 03 00 0070	Bar bed wire - 1.591 Kg for 1 No. anticlaimbing device	NO.	1	95.00	95.00
9	21 04 00 0002	L.T. DIST. BOX -25 KVA	NO.	1	7729.00	7729.00
10		PVC INSULATED & SHEATHED 16 MM ² 4 CORE CABLE FOR INCOMING SIDE.	MTR	5	64.00	320.00
	04 01 00 0035	4 C x 16mm ² LT PVC Cable	MTR	5	64.00	320.00
11		-DO- BUT 16 MM ² OUT GOING SIDE.	MTR	30	64.00	1920.00
	04 01 00 0035	4 C x 16mm ² LT PVC Cable	MTR	30	64.00	1920.00
12	44 06 02 0002	X'MER 25 KVA 11KV/0.433KV.(CRGO)	NO.	1	71996.00	71996.00
13		Static Meter for energy audit of T/C along with MMB/CT'S Cable	SET	1	2433.00	2433.00
	1601000073	(i) 10-60 A Static Meter	NO	1	1780.00	1780.00
	1607000005	(ii) 3-ph SMC for whole current meter	NO	1	527.00	527.00
	2601000049	(iii) SIDE CLAMPS (50x6mm)	NO	2	63.00	126.00
						2433.00
						2433.00

SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
14		SUNDRY MATERIALS SUCH AS PG CLAMPS,ZYKON BOLTS-6 NOS & NUTS ETC.				910.65
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.00	60.00	360.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.42	60.00	85.20
	13 02 00 0004	(c) Fuse element-3 Amp	NO.	3	14.00	42.00
	13 01 00 0015	(d) Tinned Copper Fuse Wire No.14(for 63 Amp. Fuse)	Grams	6	0.650	3.90
	04 15 00 0021	(e) Alu.lugs -Trans. LT 16 SQ.MM Cable	NO.	6	4.00	24.00
	04 15 00 0020	(f) Alu.lugs -Trans. LT 10 SQ.MM Cable	NO.	2	1.85	3.70
	04 16 00 0005	(g) Alu.lugs for kit-Kat 16 SQ.MM Cable	NO.	3	4.00	12.00
	04 16 00 0004	(h)Alu.lugs for kit-Kat 10 SQ.MM Cable	NO.	1	1.85	1.85
	26 01 00 0049	(i) Side Clamp	NO.	6	63.00	378.00
						910.65
15		COST OF MATERIALS				96993.65
16		ADD:3% CONTINGENCIES				2909.81
17		ADD:2% STORAGE CHARGES				1939.87
18		ADD:2% TRANSPORTATION & MISC.				1939.87
19		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				14549.05
20		A				118332.25
21		LABOUR CHARGES FOR ERECTION OF T/C.INCL. PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,DO FUSES, DIST.BOX ETC.	NO.	1	2950.00	2950.00
		EXCLUDING GUY AND EARTHING				
22		ERECTION OF EARTHING COIL TYPE WITH SALT & COAL	NO.	3	508.00	1524.00
23		ERECTION OF GUY SET COMPLETE	NO.	1	365.00	365.00
24		CARTING OF PSC POLE AT DESTL.	NO.	1	280.00	280.00
25		CARTING OF LINE MATERIALS TO SITE			---LS---	707.00
26	9905010005	CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 450X450X75 MM	NO	1	82.60	82.60
27		INSTALLATION OF ENERGY METER,MM BOX ETC. ON T/C			---LS---	473.00
28		LABOUR CHARGES				6381.60
29		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				957.24
30						
31		B				7338.84
32		A+B				125671.0930
33		TOTAL ESTIMATE			Say Rs.	125671

UNDER GROUND RAILWAY CROSSING (DOUBLE TRACK- BROAD GAUGE) FOR 11 KV SYSTEM						Sheet-26
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE	AMOUNT
					(RS).	(RS.)
1	36 04 00 0001	RSJ 116*100 MM 9 MTR.	NO.	2	11290.00	22580.00
2	26 09 00 0034	V CROSS ARMS 11KV	NO.	4	567.00	2268.00
3		STRAIN INSULATOR 11 KV WITH H/W	SET	6	309.00	1854.00
	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
4	04 05 00 0009	11 KV XLPE CABLE 3 CORE 185 mm2 SIZE.(Double CKT)	MTR	230	1099.00	252770.00
5		ANTI-CLIMBING DEVICES.	NO.	2	95.00	190.00
	01 03 00 0070	Barbed wire - 1.591 Kg for 1 No. anticlimbing device	No	2	95.00	190.00
6	26 99 00 0006	CAUTION & DANGER BOARD.	NO.	2	39.00	78.00
7		GUY SET WITH PREFORMED FITTING	NO.	6	984.00	5904.00
		Material required for1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
8		SUNDRY MATERIAL SUCH AS				3264.00
		NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC. WITH PREFORMD FITTING.				
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	6.4	60.00	384.00
	19 05 00 0006	(b) HT Binding Tape	Mtr	30	78.00	2340.00
	26 01 00 0027/0028	(c) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00
						3264.00
9		COST OF MATERIALS				288908.00
10		ADD:3% CONTINGENCIES				8667.24
11		ADD:2% STORAGE CHARGES				5778.16
12		ADD:2% TRANSPORTATION & MISC.				5778.16
13		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				43336.20
14		A				352467.76

						Sheet-26
SR NO	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE	AMOUNT
					(RS).	(RS.)
15		LABOUR CHARGES FOR COMPLETE WORK OF CROSSING			----LS----	566864.28
		(INCLUDING LAYING, JOINTING, INSERTATION OF 150MM DIA C. I. PIPE UNDER RAILWAY TRACK USING HORIZONTAL AUGER GUIDED BORING BY PUSH THROUGH METHOD; INSERTATION OF C. I. PIPE IN SIDE RAILWAY BOUNDRY BY CUT AND FILL METHOD; PROVIDING AND SUPPLY OF 150MM DIA C. I. PIPE; LAYING OF 11KV XLPE CABLE IN SIDE C. I. PIPE; PROVIDING SUPPLY AND FIXING 185MM2 CABLE BOX, TERMINATION KIT; PROVIDING PAINTING, FEBRICATION AND FIXING OF CABLE MARKER; PROVIDING AND FIXING OF G. I. PIPE ON ERECTED SCTRUCTURE FOR MECHANICAL PROTECTION OF XLPE CABLE & PROVIDING EARTHING AS PER RAILWAY AUTHORITY ETC.)				
16		CARTING OF RSJ POLE AT DEST.	NO.	2	397.00	794.00
17		CARTING OF LINE MATERIAL AT WORK SITE			----LS----	707.00
18		TOTAL COST OF CONCRETING C.C. M-20 GRADE	CMT	2.26	5919.00	13376.94
19		LABOUR CHARGES				581742.22
20		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				87261.33
21						
22		B				669003.55
23		A+B				1021471.31
24		One time recovery charge for way leave charge as per Railway Board's Rules	each	2	13225.59	26451.18
24		TOTAL ESTIMATE			Say Rs.	1047922

Estimate of Erection of Special Designed Transformer on RSJ Pole						Sheet-27
Sr No	Item Code	Particulars	Units	Qty	Unit Rate	Amount
1		DOUBLE POLE STRUCTURE(WITH 11 KV Single pole 2-way A.B.SWITCH) on 9 mtr RSJ Girder	Nos	1	66770	66770
2		11KV SDT/SPT 25 to 35 A capacity modified from old Transformer with fresh Oil	Nos	1	50200	50200
3		For Protection System				0
		a) LT Ring Type CTs 100/1 A or 50/1, class-5p10	Nos	1	2070	2070
		b) SMC Box for mounting LT CT	Nos	1	213	213
		c) IDMTL Earth fault Relay 110/1 A ,20 to 80% setting ABB or AREVA Make panel Mounted	Nos	1	5700	5700
		d) Control cable (Copper) 2C 2.5 mm2	Mtr	40	45	1800
		e) Copper Earthing wire from Transformer Bushing to Earth Pit of 6 mm2	Kg.	15	415	6225
		f) 11 KV Distribution Type LIGHTENING ARRESTER	Nos	3	428	1284
4		Total Material Cost(2 + 3)				67492
		ADD:3% CONTINGENCIES				2025
		ADD:2% STORAGE CHARGES				1350
		ADD:2% VEHICLE & T&P				1350
		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				10124
5		Total (1 to 4)				149110
		Labour Charges				
6		Installation of earthing pits as per drawing attached here with by providing 100mm inner diameter cast iron pipe of 13 mm thicknes & 3000mm length. Work includes fabrication & fixing of GI strips for earthing connections as per drawing attached. Excavated earth pit should be filled by mixture of coal/Charcoal,salt & sand up to top. Further this includes providind brick masonry chambr of size 450mm x 450mm & depth up to 1000 mm as per instruction of Engineer incharge including light type CI cover & applying 12 mm thick cement plaster in 1:3 inside & to all exposed faces up to 300mm below,foundation level, curring etc.complete. Extra earth should be removed away from the site S/S or refilling earthing pits if required. All required material for this job such as CI pipe ,cover with frame ,salt,charcoal ,sand cement gravel,bricks etc. to be supplied by the contractor. Required bolts,nuts,washers, number plates/ painted plates also shall be arranged by the contractor. Tentative quantity of salt & charcoal shall be 2.50 cu.m. DRG.NO GETCO/E/4s-025/P- 011 ,Revision -3 is attached	Nos	1	15585.24	15585.24
7.1		LABOUR CHARGES FOR ERECTION OF T/C.INCL.PAINTING OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES,CT MOUNTING BOX ETC.	Nos	1	5243.74	5244
7.2		Erection of Earthing for LA	Nos	0	0	0
7.3		Total Labour Charges				20828.98
7.4		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				3124.347
7.5		Total Labour Charges				23953.327
8		Grand Total (5 + +6.0+7.5)				173063

Estimate of Erection of Special Designed Transformer on PSC Pole						Sheet-28
Sr No	Item Code	Particulars	Units	Qty	Unit Rate	Amount
1		DOUBLE POLE STRUCTURE(WITH 11 KV Single pole 2-way A.B.SWITCH) on 9 mtr PSC Poles	Nos	1	44138	44138
2		11KV SDT/SPT 25 to 35 A capacity modified from old Transformer with fresh Oil	Nos	1	50200	50200
3		For Protection System				
		a) LT Ring Type CTs 100/1 A or 50/1, class-5P10	Nos	1	2070	2070
		b) SMC Box for mounting LT CT	Nos	1	213	213
		c) IDMTL Earth fault Relay 110/1 A ,20 to 80% setting ABB or AREVA Make panel Mounted	Nos	1	5700	5700
		d) Control cable (Copper) 2C 2.5 mm2	Mtr	40	45	1800
		e) Copper Earthing wire from Transformer Bushing to Earth Pit of 6 mm2	Kg.	15	415	6225
		f) 11 KV Distribution Type LIGHTENING ARRESTER	Nos	3	428	1284
4		Total Material Cost(2+3)				67492
		ADD:3% CONTINGENCIES				2025
		ADD:2% STORAGE CHARGES				1350
		ADD:2% VEHICLE & T&P				1350
		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				10124
5		Total (1 to 4)				126478
Labour Charges						
6		Installation of earthing pits as per drawing attached here with by providing 100mm inner diameter cast iron pipe of 13 mm thicknes & 3000mm length. Work includes fabrication & fixing of GI strips for earthing connections as per drawing attached. Excavated earth pit should be filled by mixture of coal/Charcoal,salt & sand up to top. Further this includes providind brick masonry chambr of size 450mm x 450mm & depth up to 1000 mm as per instruction of Engineer incharge including light type CI cover & applying 12 mm thick cement plaster in 1:3 inside & to all exposed faces up to 300mm below,foundation level, curring etc.complete. Extra earth should be removed away from the site S/S or refilling earthing pits if required. All required material for this job such as CI pipe ,cover with frame ,salt,charcoal ,sand cement gravel,bricks etc. to be supplied by the contractor. Required bolts,nuts,washers, number plates/ painted plates also shall be arranged by the contractor. Tentative quantity of salt & charcoal shall be 2.50 cu.m. DRG.NO GETCO/E/4s-025/P- 011 ,Revision -3 is attached	Nos	1	15585.24	15585
7.1		LABOUR CHARGES FOR ERECTION OF T/C.INCL.PAINTINGOF OF STRUCTURE MATERIAL AND PROVIDING LIGHTENING ARRESTOR,HG FUSES,CT MOUNTING BOX ETC.	nos	1	5901	5901
7.2		Erection of Earthing for LA		0	0	0
7.3		Sub total Labour Charges				21486
7.4		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				3223
7.5		Total Labour Charges				24709
8		Grand Total (5 + 6+7.5)				151187

SINGLE POLE STRUCTURE WITH 11 KV DO FUSE						Sheet-29
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	1	2071.00	2071.00
1		GUARDING ANGLE CROSS ARM(FOR MOUNTING DO FUSE)	NO.	2	587.00	1174.00
	26 09 00 0029	M.S.Angle 65x65x6mm - 2 Mtr for Guarding Angle cross arm 2000mm	No	2	587.00	1174.00
4		CROSS BRACING ANGLE SET(2Angles/Set)	SET	1	462.00	462.00
	36 12 00 0037	M.S. Angle Fab. 65x65x6mm -750mm for side arms for DO fuse	NO	2	231.00	462.00
4A	26 01 00 0069	STAY CLAMP PAIR CROSS BRACING	PAIR	2	202.00	404.00
5		SIDE CLAMP FOR FIXING CROSS ARMS FOR DO FUSE.	NO.	4	63.00	252.00
	26 01 00 0049	Side clamp	No	4	63.00	252.00
6		GUY SETS WITH PREFORMED FITTING	NO.	2	984.00	1968.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF STRUCTURE.-COIL TYPE	NO.	2	213.00	426.00
		Material required for 1 No. earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
8	13 05 00 0001	11 KV D.O. FUSES.(Polymeric)	NO.	3	846.00	2538.00
9		SUNDRIES MATERIALS SUCH AS BOLT NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC.OR WITH PER. FITTING				1601.00
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.60	60.00	156.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.25	60.00	75.00
	26 01 00 0027 /0028	(c) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00
	01 01 00 0003	(d) Alu. Binding wire	KG	0.50	100.00	50.00
	19 05 00 0006	(e) HT Tape for HT Jumpers	Mtr	10	78.00	780.00
						1601.00
11		COST OF MATERIALS				10896.00
12		ADD:3% CONTINGENCIES				326.88
13		ADD:2% STORAGE CHARGES				217.92
14		ADD:2% TRANSPORTATION & MISC.				217.92
15		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				1634.40
16		A				13293.12
17		(A) CARTING OF PSC POLE AT DESTINATION	NO.	1	280.00	280.00
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00

						Sheet-29
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
18		LABOUR CHARGES FOR FIXING OF CROSS ARMS, BRACING ON LOCATION	NO.	1	313.00	313.00
19		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING, OF PITS, FIXING OF POLES FIXTURE, INSULATOR & PAINTING STEEL Fabrication Items.	NO.	1	756.00	756.00
		INSTALLATION OF EARTHING COIL TYPE COMP. WITH SALT & COAL	NO.	1	393.00	393.00
20						
21		PROVINDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	2	365.00	730.00
21		CONCRET ANCHOR BLOCK,MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	2.00	82.60	165.20
22		LABOUR CHARGES				3344.20
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				501.63
24		B				3845.83
		A+B				17138.95
		TOTAL ESTIMATE			Say Rs.	17139

PROVIDING 11 KV DO FUSE ON EXISTING SINGLE POLE						Sheet-30
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
1	26 11 00 0003	PSC POLE 8M/ 200 KG	NO.	0	2071.00	0.00
1		GUARDING ANGLE CROSS ARM(FOR MOUNTING DO FUSE)	NO.	2	587.00	1174.00
	26 09 00 0029	M.S.Angle 65x65x6mm - 2 Mtr for Guarding Angle cross arm 2000mm	No	2	587.00	1174.00
4		CROSS BRACING ANGLE SET(2Angles/Set)	SET	1	462.00	462.00
	36 12 00 0037	M.S. Angle Fab. 65x65x6mm -750mm for side arms for DO fuse	NO	2	231.00	462.00
4A	26 01 00 0069	STAY CLAMP PAIR CROSS BRACING	PAIR	2	202.00	404.00
5		SIDE CLAMP FOR FIXING CROSS ARMS FOR DO FUSE.	NO.	4	63.00	252.00
	26 01 00 0049	Side clamp	No	4	63.00	252.00
6		GUY SETS WITH PREFORMED FITTING	NO.	2	984.00	1968.00
		Material required for 1 No. Guy set				
	26 14 00 0002	(a) Anchor Rod - 1 No.	NO	1	205.00	205.00
	26 14 00 0009	(b) Turn Buckle - 1 No.	NO	1	114.00	114.00
	26 14 00 0012	(c) Eye Bolt - 1 No.	NO	1	68.00	68.00
	01 03 00 0012	(d) Stay Wire 7/12 - 5 Kg.	KG	5	73.00	365.00
	20 03 00 0001	(e) HT Guy Insulator - 1 No.	NO	1	30.00	30.00
	26 01 00 0069	(f) Guy Clamp - 1 Pair	PAIR	1	202.00	202.00
						984.00
7		EARTHING OF STRUCTURE.-COIL TYPE	NO.	0	213.00	0.00
		Material required for 1 No. earthing				
	01 03 00 0002	(a) GI Wire No. 8 - 1.5 Kg	KG	1.5	70.00	105.00
	28 01 00 0015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	1	108.00	108.00
						213.00
8	13 05 00 0001	11 KV D.O. FUSES.(Polymeric)	NO.	3	846.00	2538.00
9		SUNDRIES MATERIALS SUCH AS BOLT NUTS/PG CLAMPS/BINDING TAPE & BINDING WIRE ETC.OR WITH PER. FITTING				1601.00
	15 01 00 0024	(a) M.S. Bolts & Nuts 65x16mm	KG	2.60	60.00	156.00
	15 01 00 0031	(b) M.S. Bolts & Nuts 180x16mm	KG	1.25	60.00	75.00
	26 01 00 0027 /0028	(c) P.G. Clamp for Weasel or Rabbit	No	6	90.00	540.00
	01 01 00 0003	(d) Alu. Binding wire	KG	0.50	100.00	50.00
	19 05 00 0006	(e) HT Tape for HT Jumpers	Mtr	10	78.00	780.00
						1601.00
11		COST OF MATERIALS				8399.00
12		ADD:3% CONTINGENCIES				251.97
13		ADD:2% STORAGE CHARGES				167.98
14		ADD:2% TRANSPORTATION & MISC.				167.98
15		ADD:15% SUPERVISIONCHARGES ON COST OF MATERIALS				1259.85
16		A				10246.78
17		(A) CARTING OF PSC POLE AT DESTINATION	NO.	0	280.00	0.00
		(B) CARTING OF LINE MATERIALS TO SITE			---LS---	707.00

						Sheet-30
SR No.	ITEM CODE NO.	PARTICULARS	UNIT	QTY	UNIT RATE Rs.	AMOUNT Rs.
18		LABOUR CHARGES FOR FIXING OF CROSS ARMS, BRACING ON LOCATION	NO.	1	313.00	313.00
19		LABOUR CHARGES FOR ERECTION OF PSC POLE INCLUDING DIGGING, OF PITS, FIXING OF POLES FIXTURE, INSULATOR & PAINTING STEEL Fabrication Items.	NO.	0	756.00	0.00
20		INSTALLATION OF EARTHING COIL TYPE COMP. WITH SALT & COAL	NO.	0	393.00	0.00
21		PROVINDING GUY SET WITH ALL ACCESSORIES & FITTINGS.	NO.	2	365.00	730.00
21		CONCRET ANCHOR BLOCK, MADE FROM M-20GRADE CONCRETE OF SIZE : 400X400X75 mm	NO	2.00	82.60	165.20
22		LABOUR CHARGES				1915.20
23		ADD:15% SUPERVISION CHARGE ON LABOUR CHARGES				287.28
24		B				2202.48
		A+B				12449.26
		TOTAL ESTIMATE			Say Rs.	12449