LABOUR SCHEDULE AL-1

LABOUR CHARGES OF 33 kV LINE ON 280 Kg. 9.1 Mtr. LONG PCC POLES, 365 Kg 11 Mtr. LONG PCC POLES AND 152x152 mm., 37.1 Kg./ Mtr., 13 Mtr. LONG H-BEAM POLE WITH RACCOON CONDUCTOR/ Dog Conductor

S. No.	Particulars	Unit	Qty.	For 280 Kg. 9.1 Mtr. Long PCC poles				For 365 Kg. 11 Mtr. Long PCC poles				For 152x152 mm 37.1 Kg/Mtr 13.0 Mtr Long H-Beam poles			
				Year 2022-23		Year 2023-24		Year 2022-23		Year 2023-24		Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Survey	Km.	1	2587.50	2587.50	2698.76	2698.76	2587.50	2587.50	2698.76	2698.76	2587.50	2587.50	2698.76	2698.763
2	Tree cutting	Km.	1												
3	Approach Clearance	Km.	1												
4	Pit digging	No.	10	414.00	4140.00	431.80	4318.02	414.00	4140.00	431.80	4318.02	414.00	4140.00	431.80	4318.02
5	Stay Pit digging	No.	3	331.20	993.60	345.44	1036.32	331.20	993.60	345.44	1036.32	331.20	993.60	345.44	1036.32
6	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	10	517.50	5175.00	539.75	5397.53	621.00	6210.00	647.70	6477.03	517.50	5175.00	539.75	5397.53
7	Shifting of materials (other No than pole) to pole pits	No.	10	134.55	1345.50	140.34	1403.36	142.83	1428.30	148.97	1489.72	134.55	1345.50	140.34	1403.36
8	Cross arm fixing complete with top clamp	No.	10	137.66	1376.55	143.57	1435.74	146.97	1469.70	153.29	1532.90	146.97	1469.70	153.29	1532.90
9	Pole erection complete	No.	10	1449.00	14490.00	1511.31	15113.07	1656.00	16560.00	1727.21	17272.08	1449.00	14490.00	1511.31	15113.07
10	Concreting of stay and base pad for poles			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(i) For PCC poles	Cft	51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(ii) For Rail poles	Cft	270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Stay erection complete	No.	3	258.75	776.25	269.88	809.63	258.75	776.25	269.88	809.63	258.75	776.25	269.88	809.63
12	Insulator fixing at each location	No.	30	36.23	1086.75	37.78	1133.48	36.23	1086.75	37.78	1133.48	36.23	1086.75	37.78	1133.48
13	Anti climbing devices and danger board fixing.	No.	10	93.15	931.50	97.16	971.55	103.50	1035.00	107.95	1079.51	93.15	931.50	97.16	971.55
14	Painting and numbering etc including steel support	No.	10	103.50	1035.00	107.95	1079.51	103.50	1035.00	107.95	1079.51	414.00	4140.00	431.80	4318.02
15	Stringing of line for all three Raccoon conductors	Km.	1	13455.00	13455.00	14033.57	14033.57	13455.00	13455.00	14033.57	14033.57	13455.00	13455.00	14033.57	14033.57
16	Carpet guarding.	Span	1	2673.38	2673.38	2788.34	2788.34	2839.58	2839.58	2961.69	2961.69	2673.38	2673.38	2788.34	2788.34
17	Twisting of jointing sleeves	No.	3	51.75	155.25	53.98	161.93	51.75	155.25	53.98	161.93	51.75	155.25	53.98	161.93
	TOTAL				50221.28		52380.80		53771.93		56084.13		53419.43		55716.47

1. The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE AL-2

SCHEDULE OF LABOUR CHARGES PER 33 kV D.P. STRUCTURE (PCC POLE / 13 MTR. LONG RAIL POLE/H. Beam)

S.No.	Particulars	Unit	Qty.	For 280 Kg. 9.1 Mtr. Long PCC poles				For 365 Kg. 11 Mtr. Long PCC poles				For 152x152 mm 37.1 Kg/Mtr 13.0 Mtr Long H-Beam poles			
				Year 2022-23		Year 2023-24		Year 2022-23		Year 2023-24		Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Pit digging	No.	2	414.00	828.00	431.80	863.60	414.00	828.00	431.80	863.60	414.00	828.00	431.80	863.60
2	Stay Pit digging	No.	6	331.20	1987.20	345.44	2072.65	331.20	1987.20	345.44	2072.65	331.20	1987.20	345.44	2072.65
3	Shifting of materials to pole pit	Set	1	134.55	134.55	140.34	140.34	134.55	134.55	140.34	140.34	134.55	134.55	140.34	140.34
4	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	2	517.50	1035.00	539.75	1079.51	517.50	1035.00	539.75	1079.51	517.50	1035.00	539.75	1079.51
5	Cross arm fixing complete including insulator etc.	No.	1	517.50	517.50	539.75	539.75	517.50	517.50	539.75	539.75	517.50	517.50	539.75	539.75
6	Pole erection complete (including earthing)	No.	2	1449.00	2898.00	1511.31	3022.61	1656.00	3312.00	1727.21	3454.42	1449.00	2898.00	1511.31	3022.61
7	Concreting of stay and poles	Cft.	103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Stay erection complete with binding of stay wire.	No.	6	258.75	1552.50	269.88	1619.26	258.75	1552.50	269.88	1619.26	258.75	1552.50	269.88	1619.26
9	Anticlimbing devices and danger board fixing	No.	2	93.15	186.30	97.16	194.31	103.50	207.00	107.95	215.90	93.15	186.30	97.16	194.31
10	Painting of cross arm and numbering of poles etc.	No.	2	103.50	207.00	107.95	215.90	103.50	207.00	107.95	215.90	414.00	828.00	431.80	863.60
	TOTAL				**9346.05**		**9747.93**		**9780.75**		**10201.32**		**9967.05**		**10395.63**

1. The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE AL-2(A)

SCHEDULE OF LABOUR CHARGES PER 33 kV FOUR POLE STRUCTURE (PCC POLE / 9.1 MTR. LONG/H. Beam Pole)

S.No.	Particulars	Unit	Qty.	For 280 Kg. 9.1 Mtr. Long PCC poles				For 152x152 mm 37.1 Kg/Mtr 13.0 Mtr Long H-Beam poles			
				Year 2022-23		Year 2023-24		Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Pit digging	No.	4	414.00	1656.00	431.80	1727.21	414.00	1656.00	431.80	1727.21
2	Stay Pit digging	No.	8	331.20	2649.60	345.44	2763.53	331.20	2649.60	345.44	2763.53
3	Shifting of materials to pole pit	Set	6	134.55	807.30	140.34	842.01	134.55	807.30	140.34	842.01
4	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	4	517.50	2070.00	539.75	2159.01	517.50	2070.00	539.75	2159.01
5	Cross arm fixing complete including insulator etc.	No.	6	879.75	5278.50	917.58	5505.48	879.75	5278.50	917.58	5505.48
6	Pole erection complete (including earthing)	No.	4	1449.00	5796.00	1511.31	6045.23	1449.00	5796.00	1511.31	6045.23
7	Concreting of stay and poles	Cft.	134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Stay erection complete with binding of stay wire.	No.	8	258.75	2070.00	269.88	2159.01	258.75	2070.00	269.88	2159.01
9	Anticlimbing devices and danger board fixing	No.	4	93.15	372.60	97.16	388.62	93.15	372.60	97.16	388.62
10	Painting of cross arm and numbering of poles etc.	No.	6	103.50	621.00	107.95	647.70	414.00	2484.00	431.80	2590.81
	TOTAL				**21321.00**		**22237.80**		**23184.00**		**24180.91**

1. The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE AL-3

LABOUR CHARGES OF 33 kV LINE ON 280 Kg. 9.1 MTR. LONG PCC POLES, 365 Kg 11 MTR. LONG PCC POLES AND 152x152 mm, 37.1 Kg./ Mtr., 13 Mtr. LONG H-BEAM POLE WITH DOG CONDUCTOR

S. No.	Particulars	Unit	Qty.	For 280 Kg. 9.1 Mtr. Long PCC poles				For 365 Kg. 11 Mtr. Long PCC poles				For 152x152 mm 37.1 Kg/Mtr 13.0 Mtr Long H-Beam poles			
				Year 2022-23		Year 2023-24		Year 2022-23		Year 2023-24		Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Survey	Km.	1	2587.50	2587.50	2698.76	2698.76	2587.50	2587.50	2698.76	2698.76	2587.50	2587.50	2698.76	2698.76
2	Tree cutting	Km.	1												
3	Approach Clearance	Km.	1												
4	Pit digging	No.	10	414.00	4140.00	431.80	4318.02	414.00	4140.00	431.80	4318.02	414.00	4140.00	431.80	4318.02
5	Stay Pit digging	No.	3	331.20	993.60	345.44	1036.32	331.20	993.60	345.44	1036.32	331.20	993.60	345.44	1036.32
6	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	10	517.50	5175.00	539.75	5397.53	621.00	6210.00	647.70	6477.03	621.00	6210.00	647.70	6477.03
7	Shifting of materials (other No than pole) to pole pits	No.	10	134.55	1345.50	140.34	1403.36	142.83	1428.30	148.97	1489.72	134.55	1345.50	140.34	1403.36
8	Cross arm fixing complete with top clamp	No.	10	137.66	1376.55	143.57	1435.74	146.97	1469.70	153.29	1532.90	146.97	1469.70	153.29	1532.90
9	Pole erection complete	No.	10	1449.00	14490.00	1511.31	15113.07	1656.00	16560.00	1727.21	17272.08	1449.00	14490.00	1511.31	15113.07
10	Concreting of stay and base pad for poles			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(i) For PCC poles	Cft	51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(ii) For Rail poles	Cft	270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Stay erection complete	No.	3	258.75	776.25	269.88	809.63	258.75	776.25	269.88	809.63	258.75	776.25	269.88	809.63
12	Insulator fixing with G.I. Pin	No.	30	36.23	1086.75	37.78	1133.48	36.23	1086.75	37.78	1133.48	36.23	1086.75	37.78	1133.48
13	Anti climbing devices and danger board.	No.	10	93.15	931.50	97.16	971.55	103.50	1035.00	107.95	1079.51	93.15	931.50	97.16	971.55
14	Painting and numbering etc.	No.	10	103.50	1035.00	107.95	1079.51	103.50	1035.00	107.95	1079.51	414.00	4140.00	431.80	4318.02
15	Stringing of line for Dog conductor	Km.	1	15525.00	15525.00	16192.58	16192.58	15525.00	15525.00	16192.58	16192.58	15525.00	15525.00	16192.58	16192.58
16	Carpet guarding	Span	1	2673.38	2673.38	2788.34	2788.34	2839.58	2839.58	2961.69	2961.69	2673.38	2673.38	2788.34	2788.34
17	Twisting of jointing sleeves	No.	3	51.75	155.25	53.98	161.93	51.75	155.25	53.98	161.93	51.75	155.25	53.98	161.93
	TOTAL				52291.28		54539.81		55841.93		58243.14		56524.43		58954.98

1. The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE AL-3 (A)

LABOUR SCHEDULE FOR AUGMENTATION OF 33 kV LINE FROM RACCOON TO DOG CONDUCTOR

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Stay Pit digging	No.	2	331.20	662.40	345.44	690.88
2	Twisting of jointing sleeves	No.	3	51.75	155.25	53.98	161.93
3	Insulator fixing with G.I. Pin	No.	6	51.75	310.50	53.98	323.85
4	Carpet guarding	Span	1	2673.38	2673.38	2788.34	2788.34
5	Stringing of line for Dog conductor	Km.	1	15525.00	15525.00	16192.58	16192.58
6	Shifting of materials to pits	No.	10	134.55	1345.50	140.34	1403.36
7	Stay erection	No.	2	258.75	517.50	269.88	539.75
	TOTAL				**21189.53**		**22100.68**
8	Dismantling of line	Km.		10143.00	10143.00	10579.15	10579.15
9	**G.TOTAL**				**31332.53**		**32679.83**

LABOUR SCHEDULE AL-3 (B)

LABOUR CHARGES FOR ADDITIONAL MID-SPAN H-Beam POLE FOR 33 kV LINE

S. No.	Particulars	Unit	Qty.	For 37.1 Kg/ Mtr. 13.0 Mtr. Long H-Beam Pole			
				Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	No.	1	414.00	414.00	431.80	431.80
2	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	1	646.88	646.88	674.69	674.69
3	Shifting of materials (other No than pole) to pole pits	No.	1	134.55	134.55	140.34	140.34
4	Cross arm fixing complete with top clamp	No.	1	137.66	137.66	143.57	143.57
5	Pole erection complete	No.	1	1449.00	1449.00	1511.31	1511.31
6	Concreting of pole @ 0.6 cmt. Per pole and @ 0.05 cmt per pole for base padding	Cft	24	0.00	0.00	0.00	0.00
7	Insulator fixing with G.I. Pin	No.	3	36.23	108.68	37.78	113.35
8	Anti climbing devices and danger board.	No.	1	93.15	93.15	97.16	97.16
9	Painting and numbering etc.	No.	1	414.00	414.00	431.80	431.80
10	**TOTAL**				**3397.91**		**3544.01**

Note :- The rates are proposed for normal soil conditions . In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE AL-4

LABOUR CHARGES OF 33 kV LINE ON 37.1 Kg. / Mtr. H-Beam Pole 13 Mtr. Long MAX. 50 METER SPAN ON PANTHER CONDUCTOR

S. No.	Particulars	Unit	Qty.	For 37.1 Kg/ Mtr. 13.0 Mtr. Long H-Beam Pole			
				Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Survey	Km.	1	2587.5	2587.5	2698.76	2698.76
2	Tree cutting	Km.	1				
3	Approach Clearance	Km.	1				
4	Pit digging 7 feet depth	No.	20	465.75	9315.00	485.78	9715.55
5	Stay Pit digging	No.	12	331.2	3974.40	345.44	4145.30
6	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	20	517.5	10350.00	539.75	10795.05
7	Shifting of materials (other No than pole) to pole pits	No.	20	134.55	2691.00	140.34	2806.71
8	DC Cross arm fixing	No.	30	196.65	5899.50	205.11	6153.18
9	Pole erection complete	No.	20	1656	33120.00	1727.21	34544.16
10	Concreting of stay and base pad for poles	Cft	512	0	0.00	0.00	0.00
11	Stay erection complete	No.	12	258.75	3105.00	269.88	3238.52
12	Insulator fixing with hardware	No.	180	36.225	6520.50	37.78	6800.88
13	Anti climbing devices and danger board.	No.	20	93.15	1863.00	97.16	1943.11
14	Painting and numbering etc.	No.	20	414	8280.00	431.80	8636.04
15	Stringing of line for Panther conductor	Km.	1	52337.88	52337.88	54588.41	54588.41
16	Carpet guarding	Span	5	3145.14765	15725.74	3280.39	16401.94
17	Twisting of jointing sleeves	No.	6	155.25	931.50	161.93	971.55
	TOTAL				**156701.02**		**163439.16**

1. The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

163439.162

LABOUR SCHEDULE AL-5 (REVISED)

SCHEDULE OF LABOUR CHARGES FOR 33 kV / 11 kV UNDERGROUND CABLE CROSSING UNDER EXISTING RAIWAY TRACK/Road Crossing 2.5 Mtr. DEEP FROM GROUND LEVEL. (60 Mtr. LONG CORRIDOR / ROUTE LENGTH OF HDPE PIPE DOUBLE CIRCUIT)

S. No.	Particulars	Unit	Qty.	Year 2022-23			Year 2023-24			Year 2022-23			Year 2023-24		
				Using HDD Technique			Using HDD Technique			Using Pipe Pushing			Using Pipe Pushing		
				Rate	3x240 sq.mm AB XLPE Cable	3x400 sq.mm AB XLPE Cable	Rate	3x240 sq.mm AB XLPE Cable	3x400 sq.mm AB XLPE Cable	Rate	3x240 sq.mm AB XLPE Cable	3x400 sq.mm AB XLPE Cable	Rate	3x240 sq.mm AB XLPE Cable	3x400 sq.mm AB XLPE Cable
					Amount	Amount		Amount	Amount		Amount	Amount		Amount	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Labour charges for laying of HDPE Pipe of maximum 240 mm dia, in normal soil under 2.5 mtr. Deep from ground level using														
a	Pipe Pushing method *	Mtr.	120							1863	223560.00	223560.00	1943.11	233173.08	233173.08
b	Using HDD Technique (Horizontal Directional Drilling) **	Mtr.	120	1242.00	149040.00	149040.00	1295.41	155448.72	155448.72	0.00	0.00	0.00	0.00	0.00	0.00
2	Laying of 240 sqmm 3 core XLPE cable through HDPE pipe.	Mtr.	180	310.50	55890.00	0.00	323.85	58293.27	0.00	310.5	55890.00	55890.00	323.85	58293.27	58293.27
3	Laying of 400 sqmm 3 core XLPE cable through HDPE pipe.	Mtr.	190	414.00	0.00	78660.00	431.80	0.00	82042.38	414	78660.00	78660.00	431.80	82042.38	82042.38
4	Earthing pit digging and laying of earth pipe complete.	Set.	10	258.75	2587.50	2587.50	269.88	2698.76	2698.76	258.8	2587.50	2587.50	269.88	2698.76	2698.76
5	Joining kit labour charges.	Set.	4	3622.50	14490.00	14490.00	3778.27	15113.07	15113.07	3623	14490.00	14490.00	3778.27	15113.07	15113.07
6	Covering of cable with tiles	Mtr.	60	4.02	240.95	240.95	4.19	251.31	251.31	4.016	240.95	240.95	4.19	251.31	251.31
7	Spreading sand and forming with sand round the cable	Mtr.	60	14.60	876.23	876.23	15.23	913.91	913.91	14.6	876.23	876.23	15.23	913.91	913.91
8	Laying of GI Pipe	Mtr	24	72.34	1736.07	1736.07	75.45	1810.72	1810.72	72.34	1736.07	1736.07	75.45	1810.72	1810.72
9	Fixing of 33 kV LA including earthing.	Set.	2	258.75	517.50	517.50	269.88	539.75	539.75	258.8	517.50	517.50	269.88	539.75	539.75
10	Jumpering of Lightning Arrestor and fixing of Aluminium lugs.	Set.	2	258.75	517.50	517.50	269.88	539.75	539.75	258.8	517.50	517.50	269.88	539.75	539.75
11	Fixing of Riser pipe with clamps	Mtr.	12	258.75	3105.00	3105.00	269.88	3238.52	3238.52	258.8	3105.00	3105.00	269.88	3238.52	3238.52
12	**TOTAL**				**229000.75**	**251770.75**		**238847.78**	**262596.89**		**382180.75**	**382180.75**		**398614.52**	**398614.52**
13	**TOTAL (Rounded Off)**				**229001.00**	**251771.00**		**238848.00**	**262597.00**		**382181.00**	**382181.00**		**398615.00**	**398615.00**

Note Since our requirement of HDPE Pipe is maximum 240 mm hence HDD technique is suitable in place of pipe pushing.

LABOUR SCHEDULE AL-6 [for Sch- A-10]

SCHEDULE OF LABOUR CHARGES FOR 33 kV / 11 kV UNDERGROUND CABLE CROSSING UNDER PROPOSED RAILWAY TRACK 2.5 Mtr. DEEP FROM GROUND LEVEL. (60 Mtr. LONG CORRIDOR / ROUTE LENGTH OF HDPE PIPE DOUBLE CIRCUIT) USING OPEN TRENCH METHOD

S. No.	Particulars	Unit	Qty.	Year 2022-23			Year 2023-24		
				Rate	3x240 sq.mm AB XLPE Cable	3x400 sq.mm AB XLPE Cable	Rate	3x240 sq.mm AB XLPE Cable	3x400 sq.mm AB XLPE Cable
					Amount	Amount		Amount	Amount
1	2	3	4	5	6	7	8	9	10
1	Cable trench excavation 1000x0.6x1=600 ordinary soil.	Cube / Mtr.	120	260.5716	31268.59	31268.59	271.78	32613.14	32613.14
2	Labour charges for laying of HDPE Pipe of maximum 240 mm dia, in normal soil under 2.5 mtr. Deep from ground level using Open Trench Method	Mtr.	120	56.2626	6751.51	6751.51	58.68	7041.83	7041.83
3	Laying of 240 sqmm 3 core XLPE cable through HDPE pipe.	Mtr.	180	504.873	90877.14	0.00	526.58	94784.86	0.00
4	Laying of 400 sqmm 3 core XLPE cable through HDPE pipe.	Mtr.	190	504.873		95925.87	526.58		100050.68
5	Earthing pit digging and laying of earth pipe complete.	Set.	10	258.75	2587.50	2587.50	269.88	2698.76	2698.76
6	Joining kit labour charges.	Set.	4	3622.5	14490.00	14490.00	3778.27	15113.07	15113.07
7	Covering of cable with tiles	Mtr.	60	4.0158	240.95	240.95	4.19	251.31	251.31
8	Spreading sand and forming with sand round the cable	Mtr.	60	14.60385	876.23	876.23	15.23	913.91	913.91
9	Laying of GI Pipe	Mtr	24	72.33615	1736.07	1736.07	75.45	1810.72	1810.72
10	Fixing of 33 kV LA including earthing.	Set.	2	258.75	517.50	517.50	269.88	539.75	539.75
11	Jumpering of Lightning Arrestor and fixing of Aluminium lugs.	Set.	2	258.75	517.50	517.50	269.88	539.75	539.75
12	Fixing of Riser pipe with clamps	Mtr.	12	258.75	3105.00	3105.00	269.88	3238.52	3238.52
	TOTAL				**152967.99**	**158016.72**		**159545.61**	**164811.44**
	TOTAL (Rounded Off)				**152968.00**	**158017.00**		**159546.00**	**164811.00**

LABOUR SCHEDULE AL-7

LABOUR SCHEDULE FOR LAST SPAN CABLING OF 33 kV LINE HT CONNECTION

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Survey	Mtr.	50	25.88	1293.75	26.99	1349.38
2	Tree cutting	Mtr.					
3	Approach Clearance	Mtr.					
4	Pit digging	No.	1	414.00	414.00	431.80	431.80
5	Stay Pit digging	No.	2	331.20	662.40	345.44	690.88
6	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	1	621.00	621.00	647.70	647.70
7	Shifting of materials (other No than pole) to pole pits	No.	1	134.55	134.55	140.34	140.34
8	Pole erection complet (including earthing)	No.	1	1449.00	1449.00	1511.31	1511.31
9	Stay erection complete	No.	2	258.75	517.50	269.88	539.75
10	Anti climbing devices and danger board.	No.	1	93.15	93.15	97.16	97.16
11	Stringing of 33 kV AB XLPE Cable .	Mtr.	50	51.75	2587.50	53.98	2698.76
12	Formation of Cable termination Kit.	Set	2	4657.50	9315.00	4857.77	9715.55
13	Painting of Hardware and numbering of poles including steel pole.	No.	1	517.50	517.50	539.75	539.75
14	Cross arm fixing complete with Top clamp.	No.	2	155.25	310.50	161.93	323.85
	TOTAL				**17915.85**		**18686.23**

LABOUR SCHEDULE AL-9

SCHEDULE FOR LAST SPAN CABLING OF 33 kV LINE USING COVERED CONDUCTOR OF 70 & 99 SQ.MM SIZE

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Survey	Mtr.	50	25.88	1293.75	26.99	1349.38
2	Tree cutting	Mtr.					
3	Approach Clearance	Mtr.					
4	Pit digging	No.	1	414.00	414.00	431.80	431.80
5	Stay Pit digging	No.	2	331.20	662.40	345.44	690.88
6	Transportation of pole from road side to pole pit for a lead of 1.0 Km.	No.	1	621.00	621.00	647.70	647.70
7	Shifting of materials (other No than pole) to pole pits	No.	1	134.55	134.55	140.34	140.34
8	Pole erection complete (including earthing)	No.	1	1449.00	1449.00	1511.31	1511.31
9	Stay erection complete	No.	2	258.75	517.50	269.88	539.75
10	Anti climbing devices and danger board.	No.	1	93.15	93.15	97.16	97.16
11	Stringing of 33 kV AB XLPE Cable .	Mtr.	50	51.75	2587.50	53.98	2698.76
12	Formation of Cable termination Kit.	Set	2	4657.50	9315.00	4857.77	9715.55
13	Painting of Hardware and numbering of poles including steel pole.	No.	1	517.50	517.50	539.75	539.75
14	Cross arm fixing complete with Top clamp.	No.	2	155.25	310.50	161.93	323.85
	TOTAL				**17915.85**		**18686.23**

LABOUR SCHEDULE AL-11

LABOUR SCHEDULE FOR LAYING OF 1 kM 33 kV CABLE DIRECT IN GROUND SINGLE CABLE LINE USING OPEN TRENCH METHOD

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Cable trench excavation [(1.0 Mx0.75 Mx1.5 M) LxWxD]	Cmt	1125	310.50	349312.50	323.85	364332.94
2	Spreading of sand for base pad of cable (10 cm thick & 10 cm. above cable)	Mtr	1000	14.60	14603.85	15.23	15231.82
3	Laying of XLPE Cable in open trench & rising on pole through G.I. Pipe & back filling of cable trench with excavated soil	Mtr	1040	310.50	322920.00	323.85	336805.56
4	Laying of G.I. Pipe	Mtr	10	72.34	723.36	75.45	754.47
5	Fixing of rising pipe with clamps	Mtr	10	258.75	2587.50	269.88	2698.76
6	Fixing of 33 kV lightning arrestor including earthing, jumpering and fixing of aluminium clamp	Set	2	258.75	517.50	269.88	539.75
7	Providing earthing (earthing pit digging and laying of earthing pipe complete)	Set	2	258.75	517.50	269.88	539.75
8	Covering of cable with tiles	Mtr	1000	4.02	4015.80	4.19	4188.48
9	Making of Straight jointing of XLPE Cable	Set	2	4657.50	9315.00	4857.77	9715.55
10	Making of End jointing of XLPE Cable	Set	2	3622.50	7245.00	3778.27	7556.54
	TOTAL				**711758.01**		**742363.61**

LABOUR SCHEDULE BL-1

SCHEDULE OF LABOUR CHARGES OF 33/11 kV SUB-STATION EXCLUDING TRANSFORMER 1.6 MVA & ABOVE

S.No.	Particulars	Unit	Year 2022-23							Year 2023-24						
			Rate (Rs)	1.6 MVA		3.15 MVA		5.0 MVA		Rate (Rs)	1.6 MVA		3.15 MVA		5.0 MVA	
				Qty.	Amt. (Rs)	Qty.	Amt. (Rs)	Qty.	Amt. (Rs)		Qty.	Amt. (Rs)	Qty.	Amt. (Rs)	Qty.	Amt. (Rs)
1	Pole pit digging	No.	414.00	28	11592.00	28	11592.00	32	13248.00	431.80	28	12090.46	28	12090.46	32	13817.66
2	Shifting of materials (Other than pole) to pole pits in case of:		0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0.00
	(a) S/s materials excluding yard lighting	Set	93.15	22	2049.30	22	2049.30	22	2049.30	97.16	22	2137.42	22	2137.42	22	2137.42
	(b) Yard lighting	Set	25.88	6	155.25	6	155.25	6	155.25	26.99	6	161.93	6	161.93	6	161.93
3	Transportation of support from road side to pole pits for a lead for 1.0 Km.		0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0.00
	(a) Bus bar gantry structure & PCC pole for yard lighting	No.	235.88	22	5189.28	22	5189.28	26	6132.79	246.02	22	5412.42	22	5412.42	26	6396.50
4	Cross arm fixing complete including insulator etc.	No.	263.93	33	8709.53	33	8709.53	41	10820.93	275.27	33	9084.03	33	9084.03	41	11286.22
5	Pole erection complete		0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0.00
	(i)H-Beam for mounting DO fuse units & DP.	No.	1035.00	12	12420.00	12	12420.00	14	14490.00	1079.51	12	12954.06	12	12954.06	14	15113.07
	(ii) Bus bar structure.	No.	1552.50	10	15525.00	10	15525.00	12	18630.00	1619.26	10	16192.58	10	16192.58	12	19431.09
	(iii) Tabular pole for yard lighting	No.	776.25	6	4657.50	6	4657.50	6	4657.50	809.63	6	4857.77	6	4857.77	6	4857.77
6	Concreting of supports	Cft.	25.16	37	920.89	37	920.89	45	1132.24	26.24	37	960.49	37	960.49	45	1180.92
7	Fixing of 33 kV DO fuse units.	Set.	393.14	1	393.14	0	0.00	0	0.00	410.05	1	410.05	0	0.00	0	0.00
8	Fixing of 11 kV DO fuse units.	Set.	300.15	1	300.15	1	300.15	1	300.15	313.06	1	313.06	1	313.06	1	313.06
9	Fixing of 33 kV LA including earthing.	Set.	155.25	1	155.25	1	155.25	1	155.25	161.93	1	161.93	1	161.93	1	161.93
10	Fixing of 11 kV LA including earthing.	Set.	131.45	12	1577.34	12	1577.34	15	1971.68	137.10	12	1645.17	12	1645.17	15	2056.46
11	Fixing of 33 kV AB switch complete with handle.	Set.	2070.00	1	2070.00	1	2070.00	1	2070.00	2159.01	1	2159.01	1	2159.01	1	2159.01
12	Fixing of 11 kV AB switch complete with handle isolator	Set.	2070.00	3	6210.00	3	6210.00	4	8280.00	2159.01	3	6477.03	3	6477.03	4	8636.04
13	Stringing of DOG ACSR conductor with fixing of terminal clamps.		0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0.00
	(a) 33 kV incoming gantry structure	LS	1882.67	1	1882.67	1	1882.67	1	1882.67	1963.62	1	1963.62	1	1963.62	1	1963.62
	(b) 11 kV incoming gantry structure	LS	1882.67	1	1882.67	1	1882.67	1	1882.67	1963.62	1	1963.62	1	1963.62	1	1963.62
	(c) for transformer protection	LS	517.50	1	517.50	1	517.50	1	517.50	539.75	1	539.75	1	539.75	1	539.75
	(d) Bus bar structure (per bus)	No.	525.07	3	1575.20	3	1575.20	4	2100.26	547.64	3	1642.93	3	1642.93	4	2190.57
14	Digging and concreting of foundation of X-mer	LS	15525.00	1	15525.00	1	15525.00	1	15525.00	16192.58	1	16192.58	1	16192.58	1	16192.58
15	Digging and concreting of foundation of VCB.	No.	3145.15	3	9435.44	3	9435.44	4	12580.59	3280.39	3	9841.17	3	9841.17	4	13121.56
16	Digging of trenches, pits & laying out earthing mat, interconnection etc.	LS	22016.29	1	22016.29	1	22016.29	1	22016.29	22962.99	1	22962.99	1	22962.99	1	22962.99
17	Handling & installation of 33 kV X-mer control and feeder VCB on foundation.	No.	3029.21	0	0.00	1	3029.21	1	3029.21	3159.46	0	0.00	1	3159.46	1	3159.46
18	Handling & installation of 11 kV X-mer control and feeder VCB on foundation.	No.	2201.61	3	6604.83	3	6604.83	4	8806.44	2296.28	3	6888.84	3	6888.84	4	9185.12
19	Preparation of cable trench from 11 kV VCB to control room	LS	4657.50	1	4657.50	1	4657.50	1	4657.50	4857.77	1	4857.77	1	4857.77	1	4857.77
20	Fixing of T-clamps for jumpers & bimetallic clamps	No.	31.43	106	3331.89	106	3331.89	111	3489.06	32.78	106	3475.16	106	3475.16	111	3639.09
21	Painting of channels and supports	LS	10350.00	1	10350.00	1	10350.00	1	10350.00	10795.05	1	10795.05	1	10795.05	1	10795.05
22	Handling & installation of station X-mer.	LS	2070.00	1	2070.00	1	2070.00	1	2070.00	2159.01	1	2159.01	1	2159.01	1	2159.01
23	Fixing of LT switch box complete & crimping.	LS	943.50	1	943.50	1	943.50	1	943.50	984.07	1	984.07	1	984.07	1	984.07
24	Fixing of 3 Ph. 4 wire LT meters.	LS	943.50	1	943.50	1	943.50	1	943.50	984.07	1	984.07	1	984.07	1	984.07
25	Handling & installation of battery charger & distn. Board.	LS	943.50	1	943.50	1	943.50	1	943.50	984.07	1	984.07	1	984.07	1	984.07
26	Handling & Installation of batteries.	LS	1304.10	1	1304.10	1	1304.10	1	1304.10	1360.18	1	1360.18	1	1360.18	1	1360.18
27	DC cabling from distn. Board to yard connection.	LS	776.25	1	776.25	1	776.25	1	776.25	809.63	1	809.63	1	809.63	1	809.63
28	Laying of under-ground cable complete including fixing of terminal block.	LS	517.50	1	517.50	1	517.50	1	517.50	539.75	1	539.75	1	539.75	1	539.75
29	Fixing arrangement of search light of support & handling and fixing of search light.	LS	517.50	1	517.50	1	517.50	1	517.50	539.75	1	539.75	1	539.75	1	539.75
30	Jumpering of DO fuse, AB switch & transformer and fixing of terminal clamps.	LS	155.25	1	155.25	1	155.25	1	155.25	161.93	1	161.93	1	161.93	1	161.93
31	Installation, testing and commissioning of 33 kV ME	No.	4140.00	1	4140.00	1	4140.00	1	4140.00	4318.02	1	4318.02	1	4318.02	1	4318.02
32	Installation, testing and commissioning of 11 kV ME	No.	2587.50	2	5175.00	2	5175.00	3	7762.50	2698.76	2	5397.53	2	5397.53	3	8096.29
33	Installation, testing and commissioning of HT meter complete with box	No.	1552.50	3	4657.50	3	4657.50	4	6210.00	1619.26	3	4857.77	3	4857.77	4	6477.03
34	Total labour charges.				**171847.20**		**174483.27**		**197213.85**			**179236.63**		**181986.05**		**205694.04**
35	**Total Labour Charges. (Rounded off)**				**171847.00**		**174483.00**		**197214.00**			**179237.00**		**181986.00**		**205694.00**

Note- The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE BL-2

SCHEDULE OF LABOUR CHARGES FOR POWER TRANSFORMER IN PARALLEL EXCLUDING BAY

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amt.	Rate	Amt.
1	Pit digging	No.	4	414.00	1656.00	431.80	1727.21
2	Shifting of materials (Other than pole) to pole pits	No.	3	129.38	388.13	134.94	404.81
3	Transportation of support from road side to pole pits for a lead for 1.0 Km.	No.	4	258.75	1035.00	269.88	1079.51
4	Cross arm fixing complete including insulator etc.	No.	2	362.25	724.50	377.83	755.65
5	Pole erection complete (Joist)	No.	4	776.25	3105.00	809.63	3238.52
6	Concreting of supports	Cft.	42.00	0.00	0.00	0.00	0.00
7	Fixing of 33 kV DO fuse units.	Set.	1	393.14	393.14	410.05	410.05
8	Fixing of 11 kV DO fuse units.	Set.	1	258.75	258.75	269.88	269.88
9	Fixing of 33 kV LA including earthing.	Set.	1	258.75	258.75	269.88	269.88
10	Fixing of 11 kV LA including earthing.	Set.	1	207.00	207.00	215.90	215.90
11	Stringing of Dog ACSR conductor with fixing of terminal clamps.	LS	LS	1552.50	1552.50	1619.26	1619.26
12	Digging and concreting of foundation of X-mer	LS	LS	15525.00	15525.00	16192.58	16192.58
13	Digging and concreting of foundation of VCB.	No.	1	3145.15	3145.15	3280.39	3280.39
14	Handling & installation of 11 kV X-mer control and feeder VCB on foundation.	LS	LS	LS	2201.61	LS	2296.28
15	Preparation of cable trench from 11 kV VCB to control room	LS	LS	4657.50	4657.50	4857.77	4857.77
16	Painting of channels and supports	LS	LS	1035.00	1035.00	1079.51	1079.51
	Total Labour Charges. (Rounded off)				**36143.03**		**37697.18**

The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE BL-3

SCHEDULE OF LABOUR CHARGES FOR 33/11 kV POWER TRANSFORMER

S.No.	Particulars	Unit	Qty.	Year 2022-23			Year 2023-24		
				1.6 MVA	3.15 MVA	5.0 MVA	1.6 MVA	3.15 MVA	5.0 MVA
1	Shifting of Xmer on foundation (Incl. lifting from A/S)	No.	1	41400	51750	62100	43180.2	53975.25	64770.3
2	Assembling,	No.	1	7245	9936	9936	7556.535	10363.248	10363.248
3	Testing including testing of 11 kV VCB and commissioning	LS	LS	12420	12420	13455	12954.06	12954.06	14033.565
	Total Labour Charges. (Rounded off)			**61065.00**	**74106.00**	**85491.00**	**63690.80**	**77292.56**	**89167.11**

LABOUR SCHEDULE BL-4

LABOUR CHARGES FOR 11 kV OUTDOOR YARD EXTENSION OF ADDITIONAL BAY

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	No.	2	414.00	828.00	431.80	863.60
2	Shifting of materials to pole pits	No.	6	155.25	931.50	161.93	971.55
3	Transportation of pole from road side to pole pit	No.	2	517.50	1035.00	539.75	1079.51
4	Cross arm fixing with insulator HW with insulator	No.	6	465.75	2794.50	485.78	2914.66
5	Pole erection complete	No.	2	1552.50	3105.00	1619.26	3238.52
6	Concreting of poles	Cft.	35	0.00	0.00	0.00	0.00
7	Fixing of 11 kV AB switch / Isolator complete with operating handle.	No.	3	1035.00	3105.00	1079.51	3238.52
8	Stringing of DOG conductor including jumpering .	L.S.	L.S.	LS	2171.51	LS	2264.88
9	Fixing of T-clamps for jumpering	No.	11	20.70	227.70	21.59	237.49
10	Digging and concreting of foundation of 11 kV VCB	No.	1	3153.33	3153.33	3288.93	3288.93
11	Handling & installation of VCB on foundation	No.	1	2207.33	2207.33	2302.25	2302.25
12	Preparation of cable trench from 11 kV VCB to control room.	L.S.	L.S.	LS	946.00	LS	986.68
13	Painting of structure.	L.S.	L.S.	LS	1576.67	LS	1644.47
14	Digging of pits & laying out earthing mat, interconnection etc.	L.S.	L.S.	LS	3153.33	LS	3288.92
15	Levelling & Metalling	L.S.	L.S.	LS	6306.67	LS	6577.86
	TOTAL				**31541.55**		**32897.84**

The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE BL-5

LABOUR CHARGES FOR 33 kV OUT DOOR YARD

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	No.	2	414.00	828.00	431.80	863.60
2	Shifting of materials to pole pit	No.	6	155.25	931.50	161.93	971.55
3	Transportation of pole from road side to pole pit	Set	2	517.50	1035.00	539.75	1079.51
4	Cross arm fixing with insulator HW including channel for AB switch	No.	6	465.75	2794.50	485.78	2914.66
5	Pole erection complete	No.	2	1449.00	2898.00	1511.31	3022.61
6	Concreting of stay and poles	Cft.	35	0.00	0.00	0.00	0.00
7	Fixing of isolator complete with operating handle.	Set	1	1552.50	1552.50	1619.26	1619.26
8	Stringing of double conductor including jumpering and fixing of terminal clamps etc.	L.S.	LS	LS	2365.00	LS	2466.70
9	Fixing of T-clamps for jumpering	No.	18	31.43	565.79	32.78	590.12
10	Painting of Structure	L.S.	LS	LS	1576.67	LS	1644.47
11	Digging of trenches, pits & laying out earthing mat, interconnection etc.	L.S.	L.S.	LS	3153.33	LS	3288.92
12	Levelling & Metalling	L.S.	L.S.	LS	6306.67	LS	6577.86
	TOTAL				**24006.96**		**25039.26**

The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE BL-6

SCHEDULE OF LABOUR CHARGES FOR INSTALLATION OF 33 kV VCB

S. No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amt. (Rs)	Rate	Amt. (Rs)
1	Digging and concreting of foundation of VCB.	No.	1	3145.15	3145.15	3280.39	3280.39
2	Handling & installation of 33 kV X-mer control and feeder VCB on foundation.	No.	1	3029.21	3029.21	3159.46	3159.46
3	Fixing of T-clamps for jumpers & bimetallic clamps	No.	35	31.43	1100.15	32.78	1147.46
4	DC cabling from distn. Board to yard connection.	LS	1	776.25	776.25	809.63	809.63
5	Laying of under-ground cable complete including fixing of terminal block.	LS	1	517.50	517.50	539.75	539.75
	Total labour charges				**8568.26**		**8936.69**
	Total Labour Charges. (Rounded off)				**8568.00**		**8937.00**

Note - The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE BL-7

SCHEDULE OF LABOUR CHARGES FOR INSTALLATION OF 11 kV SINGLE PHASE AB SWITCH ON EXISTING OUTGOING FEEDER DP FROM 33/11 kV S/S

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amt. (Rs)	Rate	Amt. (Rs)
1	Fixing of 11 kV AB switch complete with handle isolator	Set.	1	1035.00	1035.00	1079.51	1079.51
2	Stringing of DOG ACSR conductor with fixing of terminal clamps.			0.00	0.00	0.00	0.00
	(a) 11 kV incoming gantry structure	LS	1	1656.00	1656.00	1727.21	1727.21
3	Fixing of T-clamps for jumpers & bimetallic clamps	No.	35	31.43	1100.15	32.78	1147.46
4	Jumpering of DO fuse, AB switch & transformer and fixing of terminal clamps.	LS	1	1035.00	1035.00	1079.51	1079.51
	Total labour charges.				**4826.15**		**5033.68**
	Total Labour Charges. (Rounded off)				**4826.00**		**5034.00**

The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE BL-8

SCHEDULE OF LABOUR CHARGES FOR AUGMENTATION OF 33/11 kV S/s CAPACITY REPLACEMENT OF POWER TRANSFORMER

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amt. (Rs)	Rate	Amt. (Rs)
1	Shifting of Xmer on foundation (including lifting from A/Store)	No.	1	51750.00	51750.00	53975.25	53975.25
2	Assembling	No.	1	9315.00	9315.00	9715.55	9715.55
3	Testing and Commissioning of Xmer and VCB	No.	1	10350.00	10350.00	10795.05	10795.05
4	Digging and concreting of foundation of VCB.	No.	1	3145.15	3145.15	3280.39	3280.39
5	Handling & installation of 33 kV X-mer control and feeder VCB on foundation.	No.	1	3029.21	3029.21	3159.46	3159.46
6	Fixing of T-clamps for jumpers & bimetallic clamps	No.	35	31.43	1100.15	32.78	1147.46
7	DC cabling from distn. Board to yard connection.	LS	1	776.25	776.25	809.63	809.63
8	Laying of under-ground cable complete including fixing of terminal block.	LS	1	776.25	776.25	809.63	809.63
	Total labour charges				**80242.01**		**83692.41**
	Total Labour Charges. (Rounded off)				**80242.00**		**83692.00** ✓

The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.

LABOUR SCHEDULE BL-9

SCHEDULE OF LABOUR CHARGES FOR INSTALLATION OF 1.6 MVA POWER TRANSFORMER ON LINE

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amt. (Rs)	Rate	Amt. (Rs)
1	Pit digging	No.	10	414.00	4140.00	431.80	4318.02
2	Shifting of materials (Other than pole) to pole pits	No.	5	93.15	465.75	97.16	485.78
3	Transportation of support from road side to pole pits for a lead for 1.0 Km.	No.	10	235.88	2358.77	246.02	2460.19
4	Cross arm fixing complete including insulator etc.	No.	5	414.00	2070.00	431.80	2159.01
5	Pole erection complete (Joist)	No.	10	776.25	7762.50	809.63	8096.29
6	Concreting of supports	Cft.	185	25.16	4654.76	26.24	4854.91
7	Fixing of 33 kV DO fuse units.	Set.	1	393.14	393.14	410.05	410.05
8	Fixing of 11 kV DO fuse units.	Set.	1	258.75	258.75	269.88	269.88
9	Fixing of 33 kV LA including earthing.	Set.	1	258.75	258.75	269.88	269.88
10	Fixing of 11 kV LA including earthing.	Set.	1	207.00	207.00	215.90	215.90
11	Stringing of Dog ACSR conductor with fixing of terminal clamps.	LS	LS	LS	1882.67	LS	1963.62
12	Digging and concreting of foundation of X-mer	LS	LS	LS	15725.76	LS	16401.97
13	Painting of channels and supports	LS	LS	LS	1552.50	LS	1619.26
14	Shifting of Xmer (including lifting from A/Store)	No.	1	46575.00	46575.00	48577.73	48577.73
15	Assembling	No.	1	7245.00	7245.00	7556.54	7556.54
16	Testing and commissioning of power Xmer	No.	1	12420.00	12420.00	12954.06	12954.06
17	Digging of pits and laying out earthing mate connecteion etc	LS	LS	LS	3145.14	LS	3280.38
	Total Labour Charges				**111115.49**		**115893.45**

The rates are proposed for normal soil conditions. In case of soft rock & hard rock, the rates of pit digging will be taken as two times and ten times respectively as compared to the rates applicable for normal soil.