

LABOUR SCHEDULE CL-1

LABOUR CHARGES OF 11 KV LINE ON PCC POLES

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Survey	Km.	1				
2	Tree cutting	Km.	1	2587.50	2587.50	2698.76	2698.76
3	Approach Clearance	Km.	1				
4	Pit digging	No.	12	336.38	4036.50	350.84	4210.07
5	Stay Pit digging	No.	4	300.15	1200.60	313.06	1252.23
6	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	12	310.50	3726.00	323.85	3886.22
7	Shifting of materials to pole pits	No.	12	63.06	756.75	65.77	789.29
8	Cross arm fixing complete with top clamp	No.	12	93.15	1117.80	97.16	1165.87
9	Pole erection complete (including earthing)	No.	12	1035.00	12420.00	1079.51	12954.06
10	Concreting of stay and poles	Cft.	51	0.00	0.00	0.00	0.00
11	Stay erection complete	No.	4	207.00	828.00	215.90	863.60
12	Insulator fixing with GI Pin	No.	36	22.08	794.76	23.03	828.93
13	Anti climbing devices and danger board fixing	No.	12	93.15	1117.80	97.16	1165.87
14	Painting of cross arm & numbering of poles	No.	12	78.84	946.03	82.23	986.71
15	Stringing of line (Rabbit) all three conductor	Km.	1	10350.00	10350.00	10795.05	10795.05
16	Carpet guarding	Span	1	1576.67	1576.67	1644.46	1644.46
17	Twisting of jointing sleeves	No.	3	69.38	208.13	72.36	217.08
	TOTAL				41666.53		43458.19
	Stringing of line (Weasel) all three conductor	Km.	1	9315.00	40631.53	9715.55	42378.69

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 CL-2

LABOUR CHARGES PER KM. OF 11 KV D.P. STRUCTURE ON PCC POLE

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	No.	2	336.38	672.75	350.84	701.68
2	Stay Pit digging	No.	6	300.15	1800.90	313.06	1878.34
3	Shifting of materials to pole pit	Set	1	134.55	134.55	140.34	140.34
4	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	2	310.50	621.00	323.85	647.70
5	Cross arm fixing complete including insulator etc.	No.	1	258.75	258.75	269.88	269.88
6	Pole erection complete (including earthing)	No.	2	1035.00	2070.00	1079.51	2159.01
7	Concreting of stay and poles	Cft.	76	0.00	0.00	0.00	0.00
8	Stay erection complete	No.	6	207.00	1242.00	215.90	1295.41
9	Anticlimbing devices and danger board fixing	No.	2	78.83595	157.67	82.23	164.45
10	Painting of cross arm and numbering of poles etc.	No.	2	94.60	189.20	98.67	197.33
	TOTAL				7146.82		7454.13

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.

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LABOUR SCHEDULE CL-3

LABOUR CHARGES FOR 25 / 63 / 100 / 200 KVA 11/0.4 KV OUT DOOR TRANSFORMER SUB-STATION

S. No.	Particulars	Unit	Qty.	25 kVA X-Mer		63/100 kVA X-Mer		200 kVA X-Mer		25 kVA X-Mer		63/100 kVA X-Mer		200 kVA X-Mer	
				2022-23						2023-24					
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Pit digging	Each	2	336.38	672.75	336.38	672.75	336.38	672.75	350.84	701.68	350.84	701.68	350.84	701.68
2	Stay Pit digging	Each	4	300.15	1200.60	300.15	1200.60	300.15	1200.60	313.06	1252.23	313.06	1252.23	313.06	1252.23
3	Shifting of materials to pole pits	Set	1	134.55	134.55	134.55	134.55	134.55	134.55	140.34	140.34	140.34	140.34	140.34	140.34
4	Transportation of pole from road side to pole pit	Each	2	310.50	621.00	310.50	621.00	310.50	621.00	323.85	647.70	323.85	647.70	323.85	647.70
5	DC Cross arm fixing complete including insulator	Each	2	362.25	724.50	362.25	724.50	362.25	724.50	377.83	755.65	377.83	755.65	377.83	755.65
6	Pole erection complete including earthing	Each	2	1035.00	2070.00	1035.00	2070.00	1449.00	2898.00	1079.51	2159.01	1079.51	2159.01	1511.31	3022.61
7	Concreting of stay and base pad for poles	Cft.	70	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	Each	4	207.00	828.00	207.00	828.00	207.00	828.00	215.90	863.60	215.90	863.60	215.90	863.60
9	Fixing of LA Set	Set	1	196.65	196.65	196.65	196.65	196.65	196.65	205.11	205.11	205.11	205.11	205.11	205.11
10	Anti climbing devices and danger board fixing	Each	2	93.15	186.30	93.15	186.30	93.15	186.30	97.16	194.31	97.16	194.31	97.16	194.31
11	Painting of cross arm & numbering of poles.	Each	2	93.15	186.30	93.15	186.30	93.15	186.30	97.16	194.31	97.16	194.31	97.16	194.31
12	Fixing of LT switch box & transformer wiring etc.	Job	1	517.50	517.50	517.50	517.50	517.50	517.50	539.75	539.75	539.75	539.75	539.75	539.75
13	Handling and installation of transformer on structure	Job	1	776.25	776.25	1035.00	1035.00	1035.00	1035.00	809.63	809.63	1079.51	1079.51	1079.51	1079.51
14	Fixing of D.O fuse complete with base channel	Set	1	258.75	258.75	258.75	258.75	258.75	258.75	269.88	269.88	269.88	269.88	269.88	269.88
15	Earthing of S/s including pit digging, laying and connecting wires to supports X-mer etc.	Set	1	1035.00	1035.00	1035.00	1035.00	1035.00	1035.00	1079.51	1079.51	1079.51	1079.51	1079.51	1079.51
16	Fixing of 11 KV AB switch	Set	1	2070.00	2070.00	2070.00	2070.00	2070.00	2070.00	2159.01	2159.01	2159.01	2159.01	2159.01	2159.01
17	Installation & commissioning of DT Meter	Job	1	724.50	724.50	724.50	724.50	724.50	724.50	755.65	755.65	755.65	755.65	755.65	755.65
18	Rail / H Beam Pole erection complete incl. earthing	No.	2	0.00	0.00	0.00	0.00	1449.00	2898.00	0.00	0.00	0.00	0.00	1511.31	3022.61
	TOTAL				12202.65		12461.40		16187.40		12727.36		12997.24		16883.46

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 CL - 3 (A)
LABOUR CHARGES FOR ADDITIONAL (MID SPAN) POLES FOR 11 KV LINE ON H-BEAM POLE

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	No.	1	336.38	336.38	350.84	350.84
2	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	1	310.50	310.50	323.85	323.85
3	Shifting of materials to pole pits	No.	1	63.06	63.06	65.77	65.77
4	Cross arm fixing complete with top clamp	No.	1	93.15	93.15	97.16	97.16
5	Pole erection complete (including earthing)	No.	1	1449.00	1449.00	1511.31	1511.31
6	Insulator fixing with GI Pin	No.	3	22.08	66.23	23.03	69.08
7	Anti climbing devices and danger board fixing	No.	1	93.15	93.15	97.16	97.16
8	Painting of Hardware and numbering of poles including steel pole.	No.	1	414.00	414.00	431.80	431.80
	TOTAL				2825.47		2946.96 ✓

LABOUR SCHEDULE CL-3 (B)

LABOUR CHARGES FOR PER KM. OF 11 KV LINE ON H-BEAM (11 MTR.) & 200 KG PCC POLE 9 MTR. WITH AB CABLE

S. No.	Particulars	Unit	Qty.	2022-23			2023-24					
				With H-Beam		With 200 Kg 9 Mtr long PCC Pole		With H-Beam		With 200 Kg 9 Mtr long PCC Pole		
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
1	Survey	Km.	1									
2	Tree cutting	Km.	1	2587.50	2587.50	2587.50	2587.50	2698.76	2698.76	2698.76	2698.76	2698.76
3	Approach Clearance	Km.	1									
4	Pit digging	No.	29	414.00	12006.00	414.00	12006.00	431.80	12522.26	431.80	12522.26	12522.26
5	Stay Pit digging	No.	12	300.15	3601.80	300.15	3601.80	313.06	3756.68	313.06	3756.68	3756.68
6	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	29	496.80	14407.20	496.80	14407.20	518.16	15026.71	518.16	15026.71	15026.71
7	Shifting of materials to pole pits	No.	29	67.05	1944.37	62.91	1824.31	69.93	2027.98	65.61	1902.76	1902.76
8	Cross arm fixing complete with top clamp	No.	37	93.15	3446.55	93.15	3446.55	97.16	3594.75	97.16	3594.75	3594.75
9	Pole erection complete (including earthing)	No.	29	1449.00	42021.00	1361.56	39485.33	1511.31	43827.90	1420.11	41183.20	41183.20
10	Concreting of stay and poles	Cft.	625	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Stay erection complete	No.	12	207.00	2484.00	207.00	2484.00	215.90	2590.81	215.90	2590.81	2590.81
12	Anti climbing devices and danger board fixing	No.	29	93.15	2701.35	78.63	2280.24	97.16	2817.51	82.01	2378.29	2378.29
13	Painting of Hardware and numbering of poles including steel pole.	No.	29	414.00	12006.00	103.50	3001.50	431.80	12522.26	107.95	3130.56	3130.56
14	Stringing of AB Cable 3x35+35/3x70+70	Km.	1.06	7245.00	7679.70	7245.00	7679.70	7556.54	8009.93	7556.54	8009.93	8009.93
15	Formation of Cable termination Kit	Set.	9	3708.41	33375.65	3708.41	33375.65	3867.87	34810.80	3867.87	34810.80	34810.80
16	Formation of Cable straight through joint	Set.	6	4130.69	24784.11	4130.69	24784.11	4308.30	25849.83	4308.30	25849.83	25849.83
	TOTAL				163045.23		150963.89		170056.17		157455.34	

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 CL-3 (C)

LABOUR SCHEDULE FOR AUGMENTATION OF 11 KV LINE FROM WEASEL TO RACCOON CONDUCTOR

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Stay Pit digging	No.	2	300.15	600.30	313.06	626.11
2	Stay erection complete	No.	2	207.00	414.00	215.90	431.80
3	Shifting of material form Road side to work site	No.	12	63.06	756.75	65.77	789.29
4	Guarding	No.	1	1576.67	1576.67	1644.46	1644.46
5	Stringing of line for Raccoon conductor	Km.	1	13455.00	13455.00	14033.57	14033.57
	TOTAL				16802.72		17525.23
	Dismantling of Line	Km.	1	6727.50	6727.50	7016.78	7016.78
	G. TOTAL				23530.22		24542.02

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LABOUR SCHEDULE CL - 3 (D)LABOUR SCHEDULE FOR AUGMENTATION OF 1 KM OF 11 KV LINE FROM WEASEL TO RABBIT CONDUCTOR

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Stay Pit digging	No.	2	300.15	600.30	313.06	626.11
2	Stay erection complete	No.	2	207.00	414.00	215.90	431.80
3	Shifting of materials to pits	No.	12	63.06	756.75	65.77	789.29
4	Guarding	No.	1	1576.67	1576.67	1644.46	1644.46
5	Stringing of line for Rabbit conductor	Km.	1	10350.00	10350.00	10795.05	10795.05
	TOTAL				13697.72		14286.72
	Dismantling of Line	Km.	1	6727.50	6727.50	7016.78	7016.78
	G. TOTAL				20425.22		21303.50

LABOUR SCHEDULE CL - 3 (E)

LABOUR SCHEDULE FOR 11 KV OVERHEAD XLPE CABLE LINE ON H-BEAM POLE WITH AVERAGE SPAN 30 MTRS.

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Survey	Km.	1				
2	Tree cutting	Km.	1	2587.50	2587.50	2698.76	2698.76
3	Approach Clearance	Km.	1				
4	Pit digging	No.	33	336.38	11100.38	350.84	11577.69
5	Stay Pit digging	No.	12	300.15	3601.80	313.06	3756.68
6	Transportation of pole	No.	33	517.50	17077.50	539.75	17811.83
7	Shifting of materials	No.	33	62.91	2075.94	65.61	2165.21
8	Cross arm fixing complete	No.	33	93.15	3073.95	97.16	3206.13
9	Pole erection complete	No.	33	1449.00	47817.00	1511.31	49873.13
10	Stay erection complete	No.	12	207.00	2484.00	215.90	2590.81
11	Anti climbing devices and danger board fixing.	No.	33	93.15	3073.95	97.16	3206.13
12	Painting of Hardware and numbering of Pole including steel Pole	No.	33	414.00	13662.00	431.80	14249.47
13	Stringing of Cable	Km.	1.06	15525.00	16456.50	16192.58	17164.13
14	Formation of Cable Termination Kit	Set.	42	2673.41	112283.01	2788.36	117111.18
15	Formation of Cable Strainght through Joint	Set.	4	3095.69	12382.74	3228.80	12915.20
	TOTAL				247676.27		258326.35

LABOUR SCHEDULE CL - 4

LABOUR CHARGES FOR PER KM. OF 11 KV LINE ON 11 MTR. LONG H-BEAM / 365 Kg PCC POLE

S. No.	Particulars	Unit	Qty.	With H-Beam		Using 365 Kg 11 Mtr long PCC Pole		With H-Beam		Using 365 Kg 11 Mtr long PCC Pole	
				2022-23		2023-24		2023-24		2023-24	
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1	Survey	Km.	1								
2	Tree cutting	Km.	1	2587.50	2587.50	2587.50	2587.50	2698.76	2698.76	2698.76	2698.76
3	Approach Clearance	Km.	1								
4	Pit digging	No.	12	336.38	4036.50	336.38	4036.50	350.84	4210.07	350.84	4210.07
5	Stay Pit digging	No.	4	300.15	1200.60	300.15	1200.60	313.06	1252.23	313.06	1252.23
6	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	12	496.80	5961.60	621.00	7452.00	518.16	6217.95	647.70	7772.44
7	Shifting of materials to pole pits	No.	12	62.91	754.89	62.91	754.89	65.61	787.35	65.61	787.35
8	Gross arm fixing complete with top clamp	No.	12	93.15	1117.80	93.15	1117.80	97.16	1165.87	97.16	1165.87
9	Pole erection complete (including earthing)	No.	12	1449.00	17388.00	1656.00	19872.00	1511.31	18135.68	1727.21	20726.50
10	Concreting of stay and poles	Cft.	270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Stay erection complete	No.	4	207.00	828.00	207.00	828.00	215.90	863.60	215.90	863.60
12	Insulator fixing with GI Pin	No.	36	22.01	792.52	22.01	792.52	22.96	826.60	22.96	826.60
13	Anti climbing devices and danger board fixing	No.	12	78.63	943.55	78.63	943.55	82.01	984.12	82.01	984.12
14	Painting of Hardware and numbering of poles including steel pole.	No.	12	414.00	4968.00	103.50	1242.00	431.80	5181.62	107.95	1295.41
15	Stringing of line (Weasel) all three conductor	Km.	1	9315.00	9315.00	9315.00	9315.00	9715.55	9715.55	9715.55	9715.55
16	Carpet guarding	Span	1	1572.58	1572.58	1572.58	1572.58	1640.20	1640.20	1640.20	1640.20
17	Twisting of jointing sleeves	No.	3	69.19	207.57	69.19	207.57	72.16	216.49	72.16	216.49
	TOTAL				51674.10		51922.50		53896.09		54155.17
	Stringing of line (Rabbit) all three conductor	Km.	1	10350.00	62024.10	10350.00	62272.50	10795.05	64691.14	10795.05	64950.22
	Stringing of line (Raccoon) all three conductor	Km.	1	13455.00	65129.10	13455.00	65377.50	14033.57	67929.65	14033.57	68188.73
	Stringing of line (Dog) all three conductor	Km.	1	15525.00	67199.10	15525.00	67447.50	16192.58	70088.66	16192.58	70347.74

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 CL-5

LABOUR CHARGES PER KM. OF 11 KV D.P. STRUCTURE ON 11 MTR LONG H-BEAM / 365 KG PCC POLE

S. No.	Particulars	Unit	Qty.	Using H-Beam			Using 365 Kg 11 Mtr long PCC Pole			Using H-Beam			Using 365 Kg 11 Mtr long PCC Pole		
				2022-23			2023-24			2023-24			2023-24		
				Rate	Amount		Rate	Amount		Rate	Amount		Rate	Amount	
1	Pit digging	No.	2	414.00	828.00		414.00	828.00		431.80	863.60		431.80	863.60	
2	Stay Pit digging	No.	6	300.15	1800.90		300.15	1800.90		313.06	1878.34		313.06	1878.34	
3	Shifting of materials to pole pit	Set	1	134.55	134.55		134.55	134.55		140.34	140.34		140.34	140.34	
4	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	2	496.80	993.60		621.00	1242.00		518.16	1036.32		647.70	1295.41	
5	DC Cross arm fixing complete including insulator etc.	No.	1	258.75	258.75		258.75	258.75		269.88	269.88		269.88	269.88	
6	Pole erection complete (including earthing)	No.	2	1449.00	2898.00		1656.00	3312.00		1511.31	3022.61		1727.21	3454.42	
7	Concreting of stay and poles	Cft.	76	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	
8	Stay erection complete	No.	6	207.00	1242.00		207.00	1242.00		215.90	1295.41		215.90	1295.41	
9	Anticlimbing devices and danger board fixing	Set	2	78.62895	157.2579		78.629	157.2579		82.01	164.02		82.01	164.02	
10	Painting of cross arm, pole and numbering of poles etc.	No.	2	414.00	828.00		103.50	207.00		431.80	863.60		107.95	215.90	
	TOTAL				9141.06			9182.46			9534.12			9577.30	

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 CL-6

LABOUR CHARGES FOR PER KM. OF 11 KV LINE ON R.S. JOIST (11 MTR.)

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Survey	Km.	1				
2	Tree cutting	Km.	1	2587.50	2587.50	2698.76	2698.76
3	Approach Clearance	Km.	1				
4	Pit digging	No.	12	414.00	4968.00	431.80	5181.62
5	Stay Pit digging	No.	4	300.15	1200.60	313.06	1252.23
6	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	12	414.00	4968.00	431.80	5181.62
7	Shifting of materials to pole pits	No.	12	62.9073	754.8876	65.61	787.35
8	Cross arm fixing complete with top clamp	No.	12	93.15	1117.80	97.16	1165.87
9	Pole erection complete with earthing	No.	12	1361.5632	16338.7584	1420.11	17041.33
10	Concreting of stay and poles	Cft.	270	0.00	0.00	0.00	0.00
11	Stay erection complete.	No.	4	207.00	828.00	215.90	863.60
12	Insulator fixing with GI Pin.	No.	36	22.01445	792.5202	22.96	826.60
13	Anti climbing devices and danger board fixing	No.	12	78.62895	943.5474	82.01	984.12
14	Painting of Hardware and numbering of poles including steel pole.	No.	12	414.00	4968.00	431.80	5181.62
15	Stringing of line (Weasel) all three conductor.	Km.	1	9315.00	9315.00	9715.55	9715.55
16	Carpet guarding.	Span	1	1572.58	1572.579	1640.20	1640.20
17	Twisting of jointing sleeves.	No.	3	69.18975	207.56925	72.16	216.49
	TOTAL				50562.76		52736.96
	Stringing of line (Rabbit) all three conductor.	Km.	1	10350.00	51597.76	10795.05	53816.46

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 compare to the rates applicable for normal soil.

LABOUR SCHEDULE CL-7LABOUR CHARGES PER KM. OF 11 KV D.P. STRUCTURE WITH R.S. JOIST

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	No.	2	414.00	828.00	431.80	863.60
2	Stay Pit digging	No.	6	300.15	1800.90	313.06	1878.34
3	Shifting of materials to pole pit	Set	1	134.55	134.55	140.34	140.34
4	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	2	414.00	828.00	431.80	863.60
5	DC Cross arm fixing complete including insulator etc.	No.	1	258.75	258.75	269.88	269.88
6	Pole erection complete (including earthing)	No.	2	1361.56	2723.13	1420.11	2840.22
7	Concreting of stay and poles	Cft.	76	0.00	0.00	0.00	0.00
8	Stay erection complete	No.	6	207.00	1242.00	215.90	1295.41
9	Anticlimbing devices and danger board fixing	Set	2	78.63	157.26	82.01	164.02
10	Painting of cross arm, pole and numbering of poles etc.	No.	2	414.00	828.00	431.80	863.60
	TOTAL				8800.58		9179.01

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 compare to the rates applicable for normal soil.

LABOUR SCHEDULE CL-7 (B-1) B

LABOUR SCHEDULE - FOR RENOVATION OF EXISTING DISTRIBUTION TRANSFORMER SUB-STATION.

S. No.	Particulars	Unit	Rate 2020-21	2022-23						2023-24					
				25 / 63 KVA X-mer		100 KVA X-mer		200 / 315 KVA X-mer		25 / 63 KVA X-mer		100 KVA X-mer		200 / 315 KVA X-mer	
				Qty.	Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount
1	Shifting of material to pole pits	Set	300.15	1	300.15	1	300.15	1	300.15	1	313.06	1	313.06	1	313.06
	Fixing of LT distribution Box with Cable		0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
2	63/100 KVA	Each	1552.50	1	1552.50	1	1552.50				1619.26	1	1619.26		
3	200 KVA	Each	2587.50		0.00	1	2587.50			1	0.00		0.00	1	2698.76
4	Handling / Inst. Of Transformer	Each	LS	1	2070.00	1	3622.50	1	4140.00	1	2159.01	1	3778.27	1	4318.02
5	Earthing of S/s	LS	LS	1	2070.00	1	2070.00	1	2070.00	1	2159.01	1	2159.01	1	2159.01
	TOTAL				5992.65		7545.15		9097.65		6250.33		7869.59		9488.85

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 CL-8 (G-1)

SINGLE POLE MOUNTED LOW CAPACITY SINGLE PHASE / THREE PHASE 11/0.4 KV DISTRIBUTION TRANSFORMER SUB-STATION

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	Each	1	414.00	414.00	431.80	431.80
2	Stay Pit digging	Each	4	300.15	1200.60	313.06	1252.23
3	Shifting of materials to pole pits	Set	1	134.55	134.55	140.34	140.34
4	Transportation of pole from road side to pole pit	Each	1	362.25	362.25	377.83	377.83
5	DC/ V Cross arm fixing complete including insulator	Each	1	362.25	362.25	377.83	377.83
6	Pole erection complete including earthing	Each	1	1035.00	1035.00	1079.51	1079.51
7	Concreting of stay and base pad for poles	Cft.	47	0.00	0.00	0.00	0.00
8	Stay erection complete	Each	4	207.00	828.00	215.90	863.60
9	Fixing of LA Set (2 Nos.)	Set	1	155.25	155.25	161.93	161.93
10	Anti climbing devices and danger board fixing	Each	1	78.63	78.63	82.01	82.01
11	Painting of cross arm & numbering of poles.	Each	1	125.80	125.80	131.21	131.21
12	Fixing of LT switch box & transformer wiring etc.	Job	1	235.89	235.89	246.03	246.03
13	Handling and installation of transformer on structure	Job	1	314.52	314.52	328.04	328.04
14	Fixing of D.O fuse complete with base channel	Set	1	517.50	517.50	539.75	539.75
15	Earthing of S/s including pit digging laying and connecting wires to supports X-mer etc.	Set	1	1100.81	1100.81	1148.14	1148.14
16	Installation & commissioning of TPN switch & DT Meter	Job	1	724.50	724.50	755.65	755.65
	TOTAL				7589.54		7915.89

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 CL-9

LABOUR SCHEDULE - PLINTH MOUNTED DISTRIBUTION TRANSFORMER S/S.


S. No.	Particulars	Unit	Rate 2020-21		2022-23				2023-24									
			Rate	2020-21	63 kVA X-mer		100 kVA X-mer		200 kVA X-mer		63 kVA X-mer		100 kVA X-mer		200 kVA X-mer			
					Qty.	Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount		
1	Pole Pit digging																	
	(i) RSJ	No.	414.00	2	828.00	2	828.00	0	0.00	431.80	2	863.60	2	863.60	0	0.00		
	(ii) H.Beam	No.	414.00	0	0.00	0	0.00	2	828.00	431.80	0	0.00	0	0.00	2	863.60		
2	Stay pit digging	Each	300.15	4	1200.60	4	1200.60	4	1200.60	313.06	4	1252.23	4	1252.23	4	1252.23		
3	Shifting of material to pole pits	Set	134.55	1	134.55	1	134.55	1	134.55	140.34	1	140.34	1	140.34	1	140.34		
4	Transportation of pole from Road side to pole pit	Each	414.00	2	828.00	2	828.00	2	828.00	431.80	2	863.60	2	863.60	2	863.60		
5	Cross arm fixing complete.	Each	1345.50	2	2691.00	2	2691.00	2	2691.00	1403.36	2	2806.71	2	2806.71	2	2806.71		
6 (a)	Pole erection complete including earthing (RSJ)	Each	1361.03	2	2722.05	2	2722.05	0	0.00	1419.55	2	2839.10	2	2839.10	0	0.00		
(b)	Pole erection complete including earthing H-Beam	Each	1449.00	0	0.00	0	0.00	2	2898.00	1511.31	0	0.00	0	0.00	2	3022.61		
7	Concreting	Cmt.	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0.00		
8	Stay erection complete	Each	207.00	4	828.00	4	828.00	4	828.00	215.90	4	863.60	4	863.60	4	863.60		
9	Fixing of LA set.	Set	300.15	1	300.15	1	300.15	1	300.15	313.06	1	313.06	1	313.06	1	313.06		
10	Anticlimbing device and danger board fixing	Each	93.15	2	186.30	2	186.30	2	186.30	97.16	2	194.31	2	194.31	2	194.31		
11	Painting of HW/No. of pole	Each	66.53	2	133.06	2	133.06	2	133.06	69.39	2	138.78	2	138.78	2	138.78		
12	Fixing of LT distribution of Box	Each	0.00	0	0.00	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0.00		
	63/100 KVA	Each	1552.50	1	1552.50	1	1552.50	0	0.00	1619.26	1	1619.26	1	1619.26	0	0.00		
	200 KVA	Each	3105.00	0	0.00	0	0.00	1	3105.00	3238.52	0	0.00	0	0.00	1	3238.52		
13	Handling/ Inst. Of Transformer	Each	LS	1	2070.00	1	3622.50	1	4140.00	LS	1	2159.01	1	3778.27	1	4318.02		
14	Earthing of S/s	LS	LS	1	2587.50	1	2587.50	1	2587.50	LS	1	2698.76	1	2698.76	1	2698.76		
15	Fixing of DO fuse unit	Set	517.50	1	517.50	1	517.50	1	517.50	539.75	1	539.75	1	539.75	1	539.75		
16	Fixing of AB Switch	Set	2070.00	1	2070.00	1	2070.00	1	2070.00	2159.01	1	2159.01	1	2159.01	1	2159.01		
	TOTAL				18649.21		20201.71		22447.66			19451.13		21070.38		23412.91		

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 CL - 9 (A)

LABOUR CHARGES FOR ADDITIONAL (MID SPAN) POLES FOR NEW 11 KV LINE WITH RACCOON CONDUCTOR ON H-BEAM POLE

S. No.	Particulars	Unit	Qty.	2022-23		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 Km.	No.	1	517.50	517.50	539.75	539.75
3	Shifting of materials to pole pits	No.	1	62.91	62.91	65.61	65.61
4	Cross arm fixing complete with top clamp	No.	1	93.15	93.15	97.16	97.16
5	Pole erection complete (including earthing)	No.	1	1449.00	1449.00	1511.31	1511.31
6	Insulator fixing with GI Pin	No.	3	93.15	279.45	97.16	291.47
7	Anti climbing devices and danger board fixing	No.	1	93.15	93.15	97.16	97.16
8	Painting of Hardware and numbering of poles including steel pole.	No.	1	414.00	414.00	431.80	431.80
	TOTAL				3323.16		3466.05



LABOUR SCHEDULE CL-10 (B)

LABOUR SCHEDULE FOR AUGMENTATION OF 11/0.4 KV S/s CAPACITY (ASSUMING 25 YEARS OF LIFE & 10 YEARS IN SERVICE) ON EXISTING DP

S. No.	Particulars	Unit	Qty.	2022-23						2023-24							
				63 kVA X-mer		100 kVA X-mer		200 kVA X-mer		63 kVA X-mer		100 kVA X-mer		200 kVA X-mer			
				Rate	Amt.	Rate	Amt.	Rate	Amt.	Rate	Amt.	Rate	Amt.	Rate	Amt.		
1	Shifting of material at site	Set	1	134.55	134.55	134.55	134.55	134.55	134.55	134.55	134.55	140.34	140.34	140.34	140.34	140.34	140.34
2	Replacement of LT distribution Box & Cable											0.00	0.00	0.00	0.00		
	63/100 kVA	Each	1	1552.50	1552.50	1552.50	1552.50	0.00	0.00	0.00	0.00	1619.26	1619.26	1619.26	1619.26	0.00	0.00
	200 kVA	Each	1	0.00	0.00	0.00	0.00	2587.50	2587.50	2587.50	0.00	0.00	0.00	0.00	2698.76	2698.76	2698.76
3	Handling/ Inst. Of Transformer	Each	LS	2070.00	2070.00	3622.50	3622.50	4140.00	4140.00	4140.00	2159.01	2159.01	3778.27	3778.27	4318.02	4318.02	4318.02
	TOTAL				3757.05		5309.55		6862.05		3918.60		5537.86		7157.12		

LABOUR SCHEDULE CL-11LABOUR SCHEDULE FOR INSTALLATION OF COMPACT R.M.U. 11 kV CLASS SF6 / VCB TYPE (1 INCOMING + 2 BREAKER + 1 OUTGOING)

S. No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Digging and concreting of foundation of R.M.U.	No.	1	3309.96	3309.96	3452.29	3452.29
2	Handling & installation of R.M.U. on foundation.	No.	1	3187.94	3187.94	3325.03	3325.03
3	Fixing of incoming & outgoing cables on terminals of R.M.U.	L.S.	1	992.93	992.93	1035.63	1035.63
4	Earthing of RMU including pit digging, laying and connecting wires to RMU etc.	Set	1	1158.48	1158.48	1208.29	1208.29
5	Lettering the R.M.U. with enamel paint and also writing single line diagram of each panel, caution Board, Danger Board etc. including cost of paint, Brush etc.	Per Panel	1	819.02	819.02	854.24	854.24
6	Total Labour Charges				9468.33		9875.47
7	Total Labour Charges (Rounded Off)				9468.00		9875.00



LABOUR SCHEDULE CL-12

LABOUR CHARGE FOR 11 KV UNDERGROUND CABLE CROSSING UNDER EXISTING RAILWAY TRACK / ROAD FOR 60 MTR. LONG RAIL/ ROAD CORRIDOR / ROUTE LENGTH OF HDPE PIPE, UNDER 2.5 MTR. DEEP FROM GROUND LEVEL SINGLE FEEDER LINE.

S. No.	Particulars	Unit	Qty.	2022-23				2023-24			
				Using HDD Technique		Using HDD Technique		Using HDD Technique		Using HDD Technique	
				Rate	3x240 sq.mm AB XLPE Cable Amount	3x400 sq.mm AB XLPE Cable Amount	Rate	3x240 sq.mm AB XLPE Cable Amount	3x400 sq.mm AB XLPE Cable Amount	Rate	3x240 sq.mm AB XLPE Cable Amount
1	Using HDD Technique (Horizontal Directional Drilling) **	Mtr.	120	1242.00	149040.00	149040.00	1295.41	155448.72	155448.72		
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		
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		
4	Earthing pit digging and laying of earth pipe complete.	Set.	10	258.75	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		
6	Covering of cable with tiles	Mtr.	60	4.02	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		
8	Laying of GI Pipe	Mtr.	24	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		
10	Jumpering of Lightning Arrestor and fixing of Aluminium lugs.	Set	2	258.75	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		
	TOTAL				229000.75	251770.75		238847.78	262596.89		



LABOUR SCHEDULE CL - 15

LABOUR SCHEDULE FOR LAYING OF 1 Km LENGTH OF 11 KV, 3 CORE 95 SQMM / 240 SQMM / 400 SQMM UNDERGROUND CABLE

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amount	Rate	Amount
1	Cable trench excavation [(1.0 Mx0.75 Mx1.2 M) LxWxD]	Cmt	900	310.50	279450.00	323.85	291466.35
2	Spreading of sand for base pad of cable (10 cm thick & 10 cm. above cable)	Mtr	1000	51.75	51750.00	53.98	53975.25
3	Laying of XLPE Cable in open trench & rising on pole through GI pipe & back filling of cable trench with excavated soil	Mtr	1040	155.25	161460.00	161.93	168402.78
4	Laying of GI 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 11 kV lightning arrester 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	No	2	3622.50	7245.00	3778.27	7556.54
10	Making of End jointing of XLPE Cable	No	2	4657.50	9315.00	4857.77	9715.55
	TOTAL				517581.66		539837.67

LABOUR SCHEDULE CL-16

LABOUR SCHEDULE D.T. CAPACITORS ON EXISTING DTR's OTHER THAN INDUSTRIAL (RETAINED & SHIFTED)

S. No.	Particulars	Unit	Qty.	Labour Charges per Capacitor Bank	
				2022-23	2023-24
1	LT Capacitor for 25 kVA DT	No.	1	258.75	269.88
2	LT Capacitor for 63 kVA DT	No.	1	258.75	269.88
3	LT Capacitor for 100 kVA DT	No.	1	258.75	269.88
4	LT Capacitor for 200 kVA DT	No.	1	258.75	269.88
5	LT Capacitor for 315 kVA DT	No.	1	258.75	269.88 ✓

[Signature]