

LABOUR SCHEDULE CL-18

LABOUR SCHEDULE FOR 11 KV CAPACITOR BANK AT 33/11 KV SUB-STATION (FOR 12.1 KV, 1089 KVAR AND 12.1 KV, 1815 KVAR 3 PHASE 50 Hz OUTDOOR TYPE CAPACITOR BANK)

S. No.	Particulars	Unit	Qty.	2022-23				2023-24			
				12.1 kV, 1815 kVAR, Outdoor Type, Capacitor bank		12.1 kV, 1089 KVAR, Outdoor Type, Capacitor bank		12.1 kV, 1815 kVAR, Outdoor Type, Capacitor bank		12.1 kV, 1089 KVAR, Outdoor Type, Capacitor bank	
				Rate	Amt.	Rate	Amt.	Rate	Amt.	Rate	Amt.
1	Pit digging for structure	No	6	621.00	3726.00	621.00	3726.00	647.70	3886.22	647.70	3886.22
2	Digging and concreting of foundation of VCB	No	1	3415.50	3415.50	3415.50	3415.50	3562.37	3562.37	3562.37	3562.37
3	Fixing of RVT	No	1	1035.00	1035.00	569.25	569.25	1079.51	1079.51	593.73	593.73
4	Fixing of Capacitor Bank Complete set	Set	1	2328.75	2328.75	1138.50	1138.50	2428.89	2428.89	1187.46	1187.46
5	Fixing of Isolator with earth switch & mounting G.I. structure	Set	1	2277.00	2277.00	2277.00	2277.00	2374.91	2374.91	2374.91	2374.91
6	Fixing of L.A. including Earthing	Set	1	155.25	155.25	155.25	155.25	161.93	161.93	161.93	161.93
7	Handling and installation of 11 kV VCB on foundation with Installation indoor type Automatic Control Unit alongwith APFC relay and VCB control panel	No	1	3415.50	3415.50	3105.00	3105.00	3562.37	3562.37	3238.52	3238.52
8	Fixing of C.T.	No	3	207.00	621.00	207.00	621.00	215.90	647.70	215.90	647.70
9	Earth pit digging and laying of M.S. strip Complete	No	3	1863.00	5589.00	1863.00	5589.00	1943.11	5829.33	1943.11	5829.33
10	Testing and Commissioning of 11 KV VCB and Capacitor Bank	LS	LS	4140.00	4140.00	4140.00	4140.00	4318.02	4318.02	4318.02	4318.02
11	Bus bar structure complete fitting	No	1	2753.10	2753.10	828.00	828.00	2871.48	2871.48	863.60	863.60
12	Digging of cable trench, pits & laying out earthing mat with interconnection etc.	LS	LS	3519.00	3519.00	2794.50	2794.50	3670.32	3670.32	2914.66	2914.66
	TOTAL				32975.10		28359.00		34393.03		29578.44

LABOUR SCHEDULE CL-20

LABOUR SCHEDULE FOR CHEMICAL EARTHING OF METERING EQUIPMENT IN THE PREMISES OF HT CONSUMER

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amt.	Rate	Amt.
1	Pit digging for Rod Earthing	No	1	1552.50	1552.50	1619.26	1619.26
2	Fixing of rod earthing (Chemical Earthing)	No	1	460.58	460.58	480.38	480.38
3	Laying of M.S. strip from Metering Equipment to earth pit	No	1	517.50	517.50	539.75	539.75
4	Fixing of G.I. Washer with nut- bolts	Set	1	77.63	77.63	80.96	80.96
TOTAL					2608.20		2720.35

Note Chemical Earthing consists of Galvanized Mild Steel pipe of size 2000 mm x 50 mm outer diameter or higher size as per site conditions, filled with a highly conductive material and a GI strip minimum 16 mm x 3 mm covering total of pipe, forming the electrode for obtaining earth resistance less than 1 Ohm.

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LABOUR SCHEDULE CL-21LABOUR SCHEDULE FOR 11 KV CAPACITOR BANK TO BE INSTALLED AT 11 KV LINE D.P. STRUCTURE

S. No.	Particulars	Unit	Qty.	2022-23		2023-24	
				Rate	Amt.	Rate	Amt.
1	Pole pit digging	No	2	336.38	672.75	350.84	701.68
2	Stay pit digging	No	4	300.15	1200.60	313.06	1252.23
3	Shifting of material to pole pits	Set	1	155.25	155.25	161.93	161.93
4	Transportation of pole from road side to pole pit	Each	2	310.50	621.00	323.85	647.70
5	D.C. X-arm fixing complete including insulators and H.W.	Each	2	258.75	517.50	269.88	539.75
6	Pole erection complete including earthing	Each	2	1035.00	2070.00	1079.51	2159.01
7	Stay erection complete	Each	4	207.00	828.00	215.90	863.60
8	Fixing of L.A. set	Set	1	196.65	196.65	205.11	205.11
9	Fixing of D.O. fuse with base channel	Set	1	258.75	258.75	269.88	269.88
10	Painting of cross arms	Each	2	103.50	207.00	107.95	215.90
11	Handling and installation of 121 kVAR Capacitor Bank on structure	No	6	465.75	2794.50	485.78	2914.66
12	Fixing of 11 kv A.B. Switch	Set	1	2070.00	2070.00	2159.01	2159.01
13	Earthing of Capacitor Bank including pit digging, laying & connecting wires	Set	1	997.31	997.31	1040.19	1040.19
14	Anticlimbing Devices & Danger Board fixing	No	1	93.15	93.15	97.16	97.16
TOTAL					12682.46		13227.80

LABOUR SCHEDULE DL-1
LABOUR SCHEDULE OF LT LINE ON PCC SUPPORTS PER KM.

S.No.	Particulars	Unit	Qty.	Year 2022-23					Year 2023-24									
				Rate	3 P 5 W	3 P 4 W	1 P 3 W	Rate	3 P 5 W	3 P 4 W	1 P 3 W							
1	Survey	Km.	1															
2	Tree cutting	Km.	1	2587.5	2587.5	2587.5	2587.5	2698.76	2698.76	2698.76	2698.76	2698.76	2698.76	2698.76	2698.76	2698.76	2698.76	2698.76
3	Approach Clearance	Km.	1															
4	Pit digging	No.	17	336.4	5718.375	5718.375	5718.375	350.84	5964.27	5964.27	5964.27	5964.27	5964.27	5964.27	5964.27	5964.27	5964.27	
5	Shifting of materials to pole pits	No.	17	62.91	1069.4241	1069.4241	1069.4241	65.61	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	
6	Stay Pit digging	No.	9	300.2	2701.35	2701.35	2701.35	313.06	2817.51	2817.51	2817.51	2817.51	2817.51	2817.51	2817.51	2817.51	2817.51	
7	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	17	310.5	5278.5	5278.5	5278.5	323.85	5505.48	5505.48	5505.48	5505.48	5505.48	5505.48	5505.48	5505.48	5505.48	
8	Fixing of LT clamps complete per location including insulator fixing	No.	22	78.63	1729.8369	1729.8369	1729.8369	82.01	1804.22	1804.22	1804.22	1804.22	1804.22	1804.22	1804.22	1804.22	1804.22	
9	Pole erection complete with earthing	No.	17	1035	17595	17595	17595	1079.51	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	18351.59	
10	Concreting of stay and base pad for poles	Cft.	100	25.16	2516.085	2516.085	2516.085	26.24	2624.28	2624.28	2624.28	2624.28	2624.28	2624.28	2624.28	2624.28	2624.28	
11	Stay erection complete	No.	9	207	1863	1863	1863	215.90	1943.11	1943.11	1943.11	1943.11	1943.11	1943.11	1943.11	1943.11	1943.11	
12	Painting of cross arm and numbering of poles.	No.	22	62.91	1383.9606	1383.9606	1383.9606	65.61	1443.47	1443.47	1443.47	1443.47	1443.47	1443.47	1443.47	1443.47	1443.47	
13	Carpet guarding	Span	1	1046	1046.385	1046.385	1046.385	1091.38	1091.38	1091.38	1091.38	1091.38	1091.38	1091.38	1091.38	1091.38	1091.38	
14	Diamond Guarding	Pair	17	62.91	1069.4241	1069.4241	1069.4241	65.61	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	1115.41	
	TOTAL				44558.84	44558.84	44558.84		46474.87	46474.87	46474.87	46474.87	46474.87	46474.87	46474.87	46474.87	46474.87	
15	Stringing of line																	
	(i) 3P 5W (4 Weasel + 1 Squirrel)	Each	5		15525	0	0		16192.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	(ii) 3P 4W (3 Weasel + 1 Squirrel)	Each	4		0	12420	0		0.00	12954.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	(ii) 1P 3W (2 Weasel + 1 Squirrel)	Each	3		0	0	9315		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					60083.84	56978.84	53873.84		62667.45	59428.93	59428.93	59428.93	59428.93	59428.93	59428.93	59428.93	59428.93	

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 DL-2

LABOUR CHARGES PER KM. OF LT LINE ON R.S. JOIST

S. No.	Particulars	Unit	Qty.	3P 5W LT line on RSJ 125x70 mm Max span 65 Mtr.		3P 5W LT line on RSJ 175x85 mm Max span 65 Mtr.		Qty.	3P 5W LT line on RSJ 125x70 mm Max span 65 Mtr.		Qty.	3P 5W LT line on RSJ 175x85 mm Max span 65 Mtr.	
				2022-23		2022-23			2023-24			2023-24	
				Rate	Amount	Rate	Amount		Rate	Amount		Rate	Amount
1	Survey	Km.	1	2587.50	2587.50	2587.50	2587.50	1	2587.50	2587.50	1	2698.76	2698.76
2	Tree cutting	Km.	1					1			1		
3	Approach Clearance	Km.	1					1			1		
4	Pit digging	No.	22	336.38	7400.25	336.38	5045.63	15	336.38	5045.63	15	350.84	7718.46
5	Shifting of materials to pole pits	No.	22	62.91	1383.96	62.91	943.61	15	62.91	943.61	15	65.61	1443.47
6	Stay pit digging	No.	12	300.15	3601.80	300.15	2701.35	9	300.15	2701.35	12	313.06	3756.68
7	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	22	310.50	6831.00	310.50	4657.50	15	310.50	4657.50	22	323.85	7124.73
8	Fixing of 5 Pin cross arm	No.	27	78.63	2122.98	78.63	1572.58	20	78.63	1572.58	27	82.01	2214.27
9	Pole erection complete with earthing	No.	22	828.00	18216.00	1361.03	20415.38	15	1361.03	20415.38	22	863.60	18999.29
10	Concreting of supports	Cft.	508	0.00	0.00	0.00	0.00	352	0.00	0.00	508	0.00	0.00
11	Stay erection complete	No.	12	207.00	2484.00	207.00	1863.00	9	207.00	1863.00	12	215.90	2590.81
12	Painting of cross arm, pole and numbering of poles	No.	22	362.25	7969.50	362.25	5433.75	15	362.25	5433.75	22	377.83	8312.19
13	Carpet guarding	Span	1	1046.39	1046.39	1046.39	1046.39	1	1046.39	1046.39	1	1091.38	1091.38
14	Diamond guarding	Pair	22	62.91	1383.96	62.91	943.61	15	62.91	943.61	22	65.61	1443.47
	TOTAL				55027.34		47210.28						57393.51
15	Stringing of line 3 Ph. 5 Wire	Each	5		15525.00		15525.00	5		15525.00	5		16192.58
					70552.34		62735.28						73586.09
													65432.90

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 DL-3 (E-1)

LABOUR SCHEDULE FOR CONVERSION OF LT LINE INTO 11 KV LINE

S. No.	Particular	Unit	Qty.	Year 2022-23		Year 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 for 140 Kg PCC pole	No.	1	336.38	336.38	350.84	350.84
5	Transportation of PCC pole from road side to pole pit	No.	1	310.50	310.50	323.85	323.85
6	Pole erection complete earthing	No.	1	1035.00	1035.00	1079.51	1079.51
7	Dismantling of L.T. cross arm	No.	17	72.34	1229.71	75.45	1282.59
8	Dismantling of L.T. conductor 3 Phase	Km.	4	1936.84	7747.35	2020.12	8080.48
9	Shifting of material to pole pits	No.	17	62.91	1069.42	65.61	1115.41
10	V cross arm and top clamp fixing complete	No.	17	94.35	1603.96	98.41	1672.93
11	Earthing of metallic parts (V-cross and top clamp)	No.	17	220.17	3742.81	229.63	3903.75
12	Pin insulator fixing with GI pin	No.	51	22.01	1122.74	22.96	1171.01
13	Anti climbing devices and danger board.	No.	17	78.63	1336.69	82.01	1394.17
14	Painting of cross arm, pole and numbering of poles	No.	17	78.63	1336.69	82.01	1394.17
15	Stringing of line weasel / Rabbit all three conductor with binding on insulators	Km.	1	9315.00	9315.00	9715.55	9715.55
16	Carpet guarding.	No.	1	1572.58	1572.58	1640.20	1640.20
17	Twisting of jointing sleeves	No.	3	69.19	207.57	72.16	216.49
18	Re-aligning of leaning PCC pole	No.	5	512.37	2561.83	534.40	2671.99
	TOTAL				37115.73		38711.71

Note:- In 3 Phase 4 Wire LT system, 4th conductor i.e. neutral conductor will be returned to area stores and depreciated value of neutral conductor will be reduced at the time of estimate framing. L.T. R, Y and B Phase conductor will be reutilised and where ever new conductor for 11 KV line required, the same may be incorporated in the estimate.

LABOUR SCHEDULE DL-4

LABOUR SCHEDULE PER KM. OF LT LINE CONVERSION MAX. SPAN OF 45 MTR.

S. No.	Particulars	Unit	Rate 2022-23	Year 2022-23			Rate 2022-23	Year 2023-24												
				1 Ph. 2 Wire to 1 Ph. 3 Wire Conversion		1 Ph. 3 Wire to 3 Ph. 4 Wire Conversion		1 Ph. 3 Wire to 3 Ph. 5 Wire Conversion		1 Ph. 2 Wire to 3 Ph. 4 Wire Conversion		1 Ph. 3 Wire to 3 Ph. 4 Wire Conversion		1 Ph. 3 Wire to 3 Ph. 5 Wire Conversion						
				Qty.	Amount	Qty.		Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount	Qty.	Amount				
1	Shifting of materials to pole-pit	No.	78.63	22	1729.84	22	1729.84	22	1729.84	22	1729.84	82.01	22	1804.22	22	1804.22	22	1804.22		
2	Fixing of LT cross arm & shackle insulator per location	No.	134.55	24	3229.20	24	3229.20	24	3229.20	24	3229.20	140.34	24	3368.06	24	3368.06	24	3368.06		
3	Painting of LT cross arm	No.	24.84	24	596.16	24	596.16	24	596.16	24	596.16	25.91	24	621.79	24	621.79	24	621.79		
4	Stringing of conductor	Each wire	6771.22	1	6771.22	1	6771.22	2	13542.44	2	13542.44	7062.38	1	7062.38	2	14124.76	1	7062.38		
5	Diamond guarding	No.	50.32	44	2214.15	44	2214.15	44	2214.15	44	2214.15	52.49	44	2309.36	44	2309.36	44	2309.36		
	TOTAL				14540.57		21311.79		14540.57		21311.79			15165.81		22228.20		15165.81		22228.20

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LABOUR SCHEDULE DL-5 (E-2)

LABOUR SCHEDULE FOR CONVERSION OF 1 KM. 1 PHASE 3 WIRE LT LINE INTO 11 KV LINE

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2022-23	
				Rate	Amount	Rate	Amount
1	Survey	Km.	1				
2	Tree cutting	Km.	1	2587.5	2587.50	2698.76	2698.76
3	Approach Clearance	Km.	1				
4	Pit digging for 140 Kg PCC pole	No.	1	336.375	336.38	350.84	350.84
5	Transportation of PCC pole from road side to pole pit.	No.	1	310.5	310.50	323.85	323.85
6	Pole erection complete with earthing	No.	1	1035	1035.00	1079.51	1079.51
7	Dismantling of L.T. Cross arm.	No.	22	72.33615	1591.40	75.45	1659.83
8	Dismantling of LT conductor 3 phase 4 wire	Km.	3	2070	6210.00	2159.01	6477.03
9	Shifting of materials to pole pits.	No.	22	62.9073	1383.96	65.61	1443.47
10	V - Cross arm and top clamp fixing complete.	No.	22	94.3506	2075.71	98.41	2164.97
11	Earthing of metallic parts. (V - cross and top clamp)	No.	22	220.1652	4843.63	229.63	5051.91
12	Pin Insulator fixing with GI pins.	No.	66	22.01445	1452.95	22.96	1515.43
13	Anti Climbing devices and danger board fixing	No.	22	78.62895	1729.84	82.01	1804.22
14	Painting of cross arm, pole and numbering of poles	No.	22	78.62895	1729.84	82.01	1804.22
15	Stringing of line Weasel / Rabbit all three conductor with binding on insulators.	Km.	1	9315	9315.00	9715.55	9715.55
16	Stringing of line squirrel conductor.	Km.	1.03	3666.66345	3776.66	3824.33	3939.06
17	Carpet guarding with stay.	No.	1	1572.58	1572.58	1640.20	1640.20
18	Carpet guarding without stay.	No.	21	207	4347.00	215.90	4533.92
19	Twisting for jointing sleeves	No.	3	69.18975	207.57	72.16	216.49
20	Re-aligning of leaning PCC pole	No.	5	512.3664	2561.83	534.40	2671.99
21	Laying of PVC insulated cable 16 sqmm 2 core unarmoured with 4 mm G.I. wire.	Mtr.	10.5	531.99	5585.90	554.87	5826.09
	TOTAL				52653.24		54917.33

LABOUR SCHEDULE DL-6 (E-3)

LABOUR SCHEDULE FOR CONVERSION OF 1 KM. 3 PHASE 5 WIRE LT LINE INTO 11 KV LINE

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 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 for 140 Kg PCC pole	No.	1	336.38	336.38	350.84	350.84
5	Transportation of PCC pole from road side to pole pit.	No.	1	310.50	310.50	323.85	323.85
6	Pole erection complete with earthing	No.	1	1035.00	1035.00	1079.51	1079.51
7	Dismantling of L.T. cross arm.	No.	22	72.34	1591.40	75.45	1659.83
8	Dismantling of LT conductor 3 phase 4 wire	Km.	5	2070.00	10350.00	2159.01	10795.05
9	Shifting of materials to pole pits.	No.	22	62.91	1383.96	65.61	1443.47
10	V - Cross arm and top clamp fixing complete.	No.	22	94.35	2075.71	98.41	2164.97
11	Earthing of metallic parts (V - cross and top clamp)	No.	17	220.17	3742.81	229.63	3903.75
12	Pin Insulator fixing with GI pins.	No.	66	22.01	1452.95	22.96	1515.43
13	Anti Climbing devices and danger board fixing	No.	22	78.63	1729.84	82.01	1804.22
14	Painting of cross arm, pole and numbering of poles	No.	22	78.63	1729.84	82.01	1804.22
15	Stringing of line Weasel / Rabbit all three conductor with binding on insulators.	Km.	1	9315.00	9315.00	9715.55	9715.55
16	Stringing of line squirrel Conductor.	Km.	1.03	3666.66	3776.66	3824.33	3939.06
17	Carpet guarding with stay	No.	1	1572.58	1572.58	1640.20	1640.20
18	Carpet guarding without stay.	No.	21	207.00	4347.00	215.90	4533.92
19	Twisting for jointing sleeves	No.	3	69.19	207.57	72.16	216.49
20	Re-aligning of leaning PCC pole	No.	5	512.37	2561.83	534.40	2671.99
21	Laying of PVC insulated cable 16 Sqmm 2 Core unarmoured with 4 mm G.I. wire	Mtr.	10.5	531.99	5585.90	554.87	5826.09
	TOTAL				55692.42		58087.19

LABOUR SCHEDULE DL-6 (A)

LABOUR SCHEDULE FOR REPLACEMENT OF EXISTING 1 KM. 3 PHASE 5 WIRE L.T. LINE ON BARE CONDUCTOR WITH A.B. CABLE FOR URBAN AREA

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 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	Shifting of materials to pole pits.	No.	20	62.91	1258.15	65.61	1312.25
5	Fixing of LT clamps complete per location including service ring, Distribution box , piercing connector	No.	30	78.62	2358.56	82.00	2459.98
6	Straight through Jointing	No.	20	94.35	1887.01	98.41	1968.15
7	Stringing of 3 Phase 5 Wire (Cable)	Each	1	16560.00	16560.00	17272.08	17272.08
8	Dismantling of Bare Conductor (50% of Transport & Labour Charges other than Dismantling)		0	0.00	17989.06	0.00	18762.59
	TOTAL				42640.28		44473.81

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LABOUR SCHEDULE DL-6 (B)LABOUR SCHEDULE FOR ADDITIONAL L.T. MID SPAN JOIST SUPPORT WITH A.B. CABLE

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	No.	1	336.375	336.375	350.84	350.84
2	Shifting of materials to pole pits	No.	1	62.9073	62.9073	65.61	65.61
3	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	1	310.5	310.5	323.85	323.85
4	Fixing of LT clamps complete per location including Service ring, Distribution box, piercing connector, etc.	No.	1	78.62895	78.62895	82.01	82.01
5	Pole erection complete with earthing	No.	1	828	828	863.60	863.60
6	Concreting of base pad and pole	Cft.	18	0	0	0.00	0.00
7	Painting of cross arm and numbering of poles.	No.	1	362.25	362.25	377.83	377.82675
	TOTAL				1978.66		2063.74

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.

1 KM OF 1 PHASE 3 WIRE LINE ON 140 KG. PCC POLE 8 MTR. LONG USING AB CABLE FOR RURAL AREAS WITH MAXIMUM SPAN 50 MTRS.

S. No.	PARTICULARS	Unit	Qty.	Year 2022-23		Year 2023-24	
				140 Kg, 8.0 Mtr. long PCC support		140 Kg, 8.0 Mtr. long PCC support	
				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.	20	336.38	6727.50	350.84	7016.78
5	Shifting of materials to pole pits	No.	20	62.91	1258.15	65.61	1312.25
6	Stay Pit digging	No.	12	300.15	3601.80	313.06	3756.68
7	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	20	310.50	6210.00	323.85	6477.03
8	Fixing of LT clamps complete per location including Service ring, distribution box, piercing connector etc	No.	20	78.63	1572.58	82.01	1640.20
9	Pole erection complete with earthing	No.	20	1035.00	20700.00	1079.51	21590.10
10	Concreting of stay and base pad for poles	Cft.	119	0.00	0.00	0.00	0.00
11	Stay erection complete	No.	12	207.00	2484.00	215.90	2590.81
12	Painting of cross arm and numbering of poles.	No.	20	62.91	1258.15	65.61	1312.25
13	TOTAL				46399.67		48394.86
14	Stringing of line						
15	(ii) 1P 3W (Cable)	Km.	1	9315.00	9315.00	9715.55	9715.55
	Grand TOTAL				55714.67		58110.40
	GRAND TOTAL (ROUND OFF)				55715.00		58111.00

COST SCHEDULE -- DL - 9 for D-6 (4)

1 KM OF 3 PHASE 4 WIRE LINE ON 140 KG. PCC POLE 8 MTR. LONG USING AB CABLE FOR PUMP CONNECTION UPTO 5 HP & 5 CONNECTION PER KM. WITH MAXIMUM SPAN 50 MTRS.

S. No.	PARTICULARS	Unit	Qty.	Year 2022-23		Year 2023-24	
				140 Kg, 8.0 Mtr. long PCC support		140 Kg, 8.0 Mtr. long PCC support	
				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.	20	336.38	6727.50	350.84	7016.78
5	Shifting of materials to pole pits	No.	20	62.91	1258.15	65.61	1312.25
6	Stay Pit digging	No.	12	300.15	3601.80	313.06	3756.68
7	Transportation of pole from road side to pole pit for a lead of 1 Km.	No.	20	310.50	6210.00	323.85	6477.03
8	Fixing of LT clamps complete per Set including Service ring, Spring loaded distribution Box, piercing connector, etc.	Set.	5	323.12	1615.58	337.01	1685.05
9	Fixing of Piller Box (including Transportation) with concreting of columns and bottom area of poles.	No.	1	4442.84	4442.84	4633.88	4633.88
10	Pole erection complete with earthing	No.	20	1035.00	20700.00	1079.51	21590.10
11	Concreting of stay and base pad for poles	Cft.	119	0.00	0.00	0.00	0.00
12	Stay erection complete	No.	12	207.00	2484.00	215.90	2590.81
13	Painting of cross arm and numbering of poles.	No.	20	62.91	1258.15	65.61	1312.25
14	TOTAL				50885.52		53073.59
15	Stringing of line						
16	(ii) 3P 4W (Cable)	Km.	1	9315	9315	9715.55	9715.55
	GRAND TOTAL				60200.52		62789.14
	GRAND TOTAL (ROUND OFF)				60201.00		62790.00

LABC & SCHEDULE DL-10, HVDS 200 KVA

HVDS SYSTEM OF 200 KVA PARENT DISTRIBUTION TRANSFORMER TAKING 4 KM. LT TO BE CONVERTED

S. No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	Each	10	336.38	3363.75	350.84	3508.39
2	Stay Pit digging	Each	40	300.15	12006.00	313.06	12522.26
3	Shifting of materials to pole pits	Set	10	310.50	3105.00	323.85	3238.52
4	Transportation of pole from road side to pole pit	Each	10	393.14	3931.45	410.05	4100.50
5	DC Cross arm fixing complete including insulator	Each	10	471.77	4717.74	492.06	4920.60
6	Pole erection complete including earthing	Each	10	1035.00	10350.00	1079.51	10795.05
7	Concreting of stay and base pad for poles	Cft.	315	0.00	0.00	0.00	0.00
8	Stay erection complete	Each	40	207.00	8280.00	215.90	8636.04
9	Fixing of LA Set (2 Nos.)	Set	10	157.26	1572.58	164.02	1640.20
10	Anti climbing devices and danger board fixing	Each	10	78.63	786.29	82.01	820.10
11	Painting of cross arm & numbering of poles.	Each	10	125.80	1258.04	131.21	1312.14
12	Painting of V cross arm, Top clamps & numbering of poles.	Each	65	78.62	5110.21	82.00	5329.95
13	Fixing of LT switch box & transformer wiring etc.	Job	10	235.89	2358.87	246.03	2460.30
14	Handling and installation of transformer on structure	Job	10	314.52	3145.16	328.04	3280.40
15	Fixing of D.O fuse complete with base channel	Set	10	157.26	1572.58	164.02	1640.20
16	Earthing of S/s including pit digging laying and connecting wires to	Set	10	997.31	9973.05	1040.19	10401.89
17	Installation & commissioning of TPN switch & DT Meter	Job	10	724.50	7245.00	755.65	7556.54
18	Fixing of V cross arm with top clamp	Set	65	94.35	6132.79	98.41	6396.50
19	Insulator fixing with GI pin	Set	195	22.01	4292.82	22.96	4477.41
20	Shifting of material to pole side other than xmer location	Set	55	62.90	3459.33	65.60	3608.08
21	Earthing of Metals parts of pole	No	55	219.44	12069.24	228.88	12588.22
22	Stringing of 11 kv line	km	4	9315.00	37260.00	9715.55	38862.18
23	Dismantaling of LT line (conductor and Bracket)	km	4	15525.00	62100.00	16192.58	64770.30
	TOTAL				204089.89		212865.76

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 DL-11, HVDS 100 KVA

HVDS SYSTEM OF 100 KVA PARENT DISTRIBUTION TRANSFORMER TAKING 3 KM. LT TO BE CONVERTED

S. No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	Each	8	336.38	2691.00	350.84	2806.71
2	Stay Pit digging	Each	30	300.15	9004.50	313.06	9391.69
3	Shifting of materials to pole pits	Set	8	310.50	2484.00	323.85	2590.81
4	Transportation of pole from road side to pole pit	Each	8	393.14	3145.16	410.05	3280.40
5	DC Cross arm fixing complete including insulator	Each	8	471.77	3774.19	492.06	3936.48
6	Pole erection complete including earthing	Each	8	1035.00	8280.00	1079.51	8636.04
7	Concreting of stay and base pad for poles	Cft.	237	0.00	0.00	0.00	0.00
8	Stay erection complete	Each	30	207.00	6210.00	215.90	6477.03
9	Fixing of LA Set (2 Nos.)	Set	8	157.26	1258.06	164.02	1312.16
10	Anti climbing devices and danger board fixing	Each	8	78.63	629.03	82.01	656.08
11	Painting of cross arm & numbering of poles.	Each	8	125.80	1006.43	131.21	1049.71
12	Painting of V cross arm, Top clamps & numbering of poles.	Each	45	78.62	3537.84	82.00	3689.96
13	Fixing of LT switch box & transformer wiring etc.	Job	8	235.89	1887.09	246.03	1968.24
14	Handling and installation of transformer on structure	Job	8	314.52	2516.13	328.04	2624.32
15	Fixing of D.O fuse complete with base channel	Set	8	157.26	1258.06	164.02	1312.16
16	Earthing of S/s including pit digging laying and connecting wires to supports X-mer etc.	Set	6	997.31	5983.83	1040.19	6241.14
17	Installation & commissioning of TPN switch & DT Meter	Job	6	724.50	4347.00	755.65	4533.92
18	Fixing of V cross arm with top clamp	Set	45	94.35	4245.78	98.41	4428.35
19	Insulator fixing with GI pin	Set	135	22.01	2971.95	22.96	3099.74
20	Shifting of material to pole side other than xmer location	Set	37	62.90	2327.19	65.60	2427.26
21	Earthing of Metals parts of pole	No	37	219.44	8119.31	228.88	8468.44
22	Stringing of 11 kv line	km	3	9315.00	27945.00	9715.55	29146.64
23	Dismantling of LT line (conductor and Bracket)	km	3	15525.00	46575.00	16192.58	48577.73
	TOTAL				150196.55		156655.00

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 DL-12, HVDS 63 KV,

HVDS SYSTEM OF 63 KVA PARENT DISTRIBUTION TRANSFORMER TAKING 2 KM. LT TO BE CONVERTED

S.No.	Particulars	Unit	Qty.	Year 2022-23		Year 2023-24	
				Rate	Amount	Rate	Amount
1	Pit digging	Each	6	336.38	2018.25	350.84	2105.03
2	Stay Pit digging	Each	25	300.15	7503.75	313.06	7826.41
3	Shifting of materials to pole pits	Set	6	362.25	2173.50	377.83	2266.96
4	Transportation of pole from road side to pole pit	Each	6	310.50	1863.00	323.85	1943.11
5	DC Cross arm fixing complete including insulator	Each	6	471.77	2830.64	492.06	2952.36
6	Pole erection complete including earthing	Each	6	1035.00	6210.00	1079.51	6477.03
7	Concreting of stay and base pad for poles	Cft.	196	0.00	0.00	0.00	0.00
8	Stay erection complete	Each	25	207.00	5175.00	215.90	5397.53
9	Fixing of LA Set (2 Nos.)	Set	6	157.26	943.55	164.02	984.12
10	Anti climbing devices and danger board fixing	Each	6	78.63	471.77	82.01	492.06
11	Painting of cross arm & numbering of poles.	Each	6	125.80	754.83	131.21	787.28
12	Painting of V- cross arm, Top clamps & numbering of poles.	Each	45	78.62	3537.84	82.00	3689.96
13	Fixing of LT switch box & transformer wiring etc.	Job	6	235.89	1415.32	246.03	1476.18
14	Handling and installation of transformer on structure	Job	6	314.52	1887.09	328.04	1968.24
15	Fixing of D.O fuse complete with base channel	Set	6	157.26	943.55	164.02	984.12
16	Earthing of S/s including pit digging laying and connecting wires to supports X-mer etc.	Set	4	997.31	3989.22	1040.19	4160.76
17	Installation & commissioning of TPN switch & DT Meter	Job	4	724.50	2898.00	755.65	3022.61
18	Fixing of V cross arm with top clamp	Set	45	94.35	4245.78	98.41	4428.35
19	Insulator fixing with GI pin	Set	195	22.01	4292.82	22.96	4477.41
20	Shifting of material to pole side other than xmer location	Set	39	62.90	2452.98	65.60	2558.46
21	Earthing of Metals parts of pole	No	39	219.44	8558.19	228.88	8926.19
22	Stringing of 11 kv line	km	2	9315.00	18630.00	9715.55	19431.09
23	Dismantling of LT line (conductor and Bracket)	km	2	15525.00	31050.00	16192.98	32385.15
	TOTAL				113845.07		118740.41

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 DL-14

LABOUR SCHEDULE DISTRIBUTION BOX ON EXISTING LT LINES FOR SERVICE CONNECTIONS

S. No.	Particulars	Unit	Qty.	Labour Charges per Distribution Box	Labour Charges per Distribution Box
				2022-23	2023-24
1	Single phase Distribution box for 9 connections	No.	1	186.30	194.31
2	Three phase Distribution box for 5 connections	No.	1	186.30	194.31

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LABOUR SCHEDULE- DL-17

LABOUR SCHEDULE FOR REPLACEMENT OF EXISTING 1 KM 3 PHASE 5 WIRE L.T. LINE ON BARE CONDUCTOR WITH A.B. CABLE FOR URBAN AREA

S. No	PARTICULARS	Unit	Qty.	Year 2022-23						Year 2023-24								
				140 Kg 8.0 Mtr. Long PCC Pole														
				Using 110 V grade AB Cable 3X25+1X16+1X25 Sqmm		Using 1100 V grade AB Cable 3X16+1X25+1X16 Sqmm		Using 110 V grade AB Cable 3X25+1X16+1X25 Sqmm		Using 1100 V grade AB Cable 3X16+1X25+1X16 Sqmm		Using 110 V grade AB Cable 3X25+1X16+1X25 Sqmm		Using 1100 V grade AB Cable 3X16+1X25+1X16 Sqmm				
Rate	Amt	Rate	Amt	Rate	Amt	Rate	Amt	Rate	Amt	Rate	Amt							
1	Survey	Km.	1															
2	Tree cutting	Km.	1	2587.5	2587.5	2587.5	2587.5			2698.763	2698.7625	2698.763	2698.763					
3	Approach Clearance	Km.	1															
4	Shifting of materials to pole pits	No.	20	62.9073	1258.146	62.9073	1258.146			65.61231	1312.2463	65.61231	1312.2463					
5	Fixing of LT clamps complete per Set including Service ring, Spring loaded distribution Box, piercing connector, etc.	No.	30	78.6186	2358.558	78.6186	2358.558			81.9992	2459.976	81.9992	2459.976					
6	Straight through Jointing	No.	20	94.3506	1887.012	94.3506	1887.012			98.40768	1968.1535	98.40768	1968.1535					
7	Stringing of 3 phase 5 wire (Cable)	Each	1	16560	16560	16560	16560			17272.08	17272.08	17272.08	17272.08					
8	Domentling of Bare Conductor (50% of Transport & Labour Charges other than Dismantling)	0	0	0	17989.06	0	17989.06			0	18762.59	0	18762.59					
15	TOTAL				42640.28		42640.28				44473.808		44473.808					44473.808

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