



**Circular**

Ref: HO/PUR/IPCL/Letter/026/23-24

From: **VP (Procurement and Commercial)**

Dated: 05/10/2023

To: **President – Regulatory**  
**Vice President (Technical) – Asansol – License Area**  
**Vice President – Internal Audit**  
**Vice President – Business Development & Marketing.**  
**AVP - Finance**

**Sub: Cost Schedule – 2023-24 with immediate effect**

In our endeavor to simplify procedures - We are attaching the Cost Schedule for **T&D items** for the year of **2023-24**. The cost schedule would come into force with immediate effect and would be in force until further orders.

The cost of items are applicable for the year of 2023-24, the cost of items stated in the cost schedule need to be hiked by **5% for the year 2024-25** and further 5% for the year 2025-26, in the interim till the publication of revised cost schedule.

In the event, cost of item not available in the cost sheet the same can be taken from the purchase department.

I hope this small step will help the consumer to connect faster and also improve our efficiency.

Thanking you,

With warm Regards,

**Amit Prakash**  
**VP (Procurement and Commercial)**

**India Power Corporation Limited**

CIN - L40105WB1919PLC003263

Registered Office : Plot No. X1 - 2 & 3, Block - EP, Sector - V, Salt Lake City, Kolkata - 700091

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Cost of T&D Line Materials used for New Power Connection / Load Enhancement / Diversion jobs etc. For the year 2023-2024					
SI NO	Code	Type of Materials	Description	UOM	Rate (INR)
1	280600026N	Transformer	TRANSFORMER 200 KVA 11/0.415 KV	EACH	425327.28
2	280600041N		200 KVA O/D DIST. TRANSF WITH BUSHING	EACH	623195.18
3	280600033N		315 KVA O/D TRANS WITH INBOX FUSE UNIT	EACH	730693.82
4	280600040N		315 KVA O/D TRANS WITHOUT INBOX FUSE UNI	EACH	526204.03
5	280600027N		100 KVA, O/D, 'ALUMINIUM' TRANSFORMER	EACH	155431.22
6	280600025N		63 KVA, O/D, 'ALUMINIUM' TRANSFORMER	EACH	137357.82
7	280600024N		25 KVA, O/D, 'ALUMINIUM' TRANSFORMER	EACH	63100.50
8	283900001N	CTPT Set	POLE MOUNTED CTPT METERING SET 10-5/5	EACH	63679.39
9	283900003N		CTPT METERING SET , 20-10/5 AMPS	EACH	75333.60
10	260200085N	Poles	HOT ROLLED STEEL H-BEAM (JOIST)	EACH	34561.88
11	211800207A		MS RAIL 52 KGS/M, (105 LBS),13m long	KG	61.48
12	211800302C		MS RAIL 60 KGS PER METRE INDUSTRIAL USE	KG	49.47
13	260200003N		STEEL TUBULAR POLE SWAGED 11MTR. LONG	EACH	17820.72
14	260200086N		11 MTR HOT ROLLED JOIST BEAM	EA	11681.19
15	260200080N		PCC POLE 8 MTR LONG	EACH	3414.86
16	260200079N		PCC POLE 9 MTR LONG	EACH	6751.02
17	210400003N	Steel Materials	MS CHANNEL ISMC 100 SIZE 100MM X 50MM X	KG	62.33
18	210400004N		MS CHANNEL 125 x 65 x 6 MM. (5" X 2 1/	KG	62.76
19	211401008N		MS FLAT SIZE 50 MM x 10 MM (2" X 3/8")	KG	62.33
20	211401007N		MS FLAT SIZE 50 MM x 6 MM (2" X 1/4")	KG	64.07
21	210600005N		MS ANGLE ISA 5050 SIZE 50MM X 50MM X 6	KG	62.33
22	211402004N		GI FLAT SIZE:50MM X 6MM ( 2" x 1/4")	KG	78.77
23	211402001N		GI FLAT SIZE:25MM X 6MM ( 1" x 1/4")	KG	86.67
24	211402002A		GI FLAT SIZE:1 1/2" x 1/4") MINIMUM Z	KG	95.93
25	211402007N		GI FLAT SIZE: 2" x 3/8" MINIMUM ZINC	KG	87.90
26	211402009N		GI FLAT SIZE:75MM X 12MM	KG	88.93
27	211500109N		COPPER FLAT 2" x 1/4"	KG	782.52
28	211500113N		COPPER FLAT 3" x 3/8"	KG	866.00
29	211501003N		COPPER FLAT 2" X 3/8"	KG	782.52
30	211500304N		ALUMINIUM FLAT 3/8" x 2"	FT	176.24
31	160103017N	Black Pipe	M.S. BLACK PIPE 2"	MTR	362.62
32	260900028N	Isolators	GOAB ISOLATOR, 11KV 200A, WITH DO FUSE,	EACH	14881.97
33	260900014N		GOAB ISOLATOR, 11KV 400A, WITH DO FUSE,	EACH	30405.06
34	260900002N		GOAB ISOLATOR, 11KV 800A, WITH DO FUSE,	EACH	20234.25
35	260900018N		11 KV COPPER LINK ISOLATOR WITH 22 KV	SET	30155.56
36	260900020N		33KV 1250 A, G.O.A.B ISOLATOR MNUL. OPR.	SET	74178.36
37	260900016N		33KV 1250A 50Hz TRIPPLEPOLE DOUBBLEBREAK - G.O.A.B	EA	82941.07
38	260900021N		33KV 800 A, G.O.A.B ISOLATOR VERTICAL	EA	57335.39
39	260900023N		GOAB ISOLATOR, 11KV 800A, W/OUT D.O.FUSE	EA	18837.01
40	260900049N		33KV 1250 Amps Horizontal GOAB Isolator	EA	98785.24
41	270900002N		Conductors	ACSR 0.2 SQ. INCH CONDUCTOR (CODE NAME	MTR
42	270900008N	ACSR 0.15 SQ. INCH CONDUCTOR (CODE NAM		MTR	160.83
43	270900003N	ACSR 0.1 SQ. INCH CONDUCTOR (CODE NAME		MTR	99.96
44	270900004N	ACSR 0.06 SQ. INCH CONDUCTOR (CODE NAM		MTR	63.05
45	270900006N	ACSR 0.03 SQ. INCH CONDUCTOR (CODE NAM		MTR	30.43

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**Cost of T&D Line Materials used for New Power Connection / Load Enhancement / Diversion jobs etc. For the year 2023-2024**

SI NO	Code	Type of Materials	Description	UOM	Rate (INR)
46	271400006N	G.I Wires	GI STAY WIRE,STRANDED & TWISTED, 7/8	KG	94.66
47	271400004N		GI WIRE, TWISTED, STRANDS: 7/14 SWG	KG	98.03
48	271400012N		G.I. WIRE 4 SWG	KG	95.86
49	271400001N		G.I. WIRE 6 SWG	KG	95.86
50	271400007A		G.I. WIRE 8 SWG	KG	90.77
51	271400014A		G.I WIRE 12 SWG	KG	74.36
52	271700012N		GI BARBED WIRE, 2 PLY, 12 SWG, 2.642 MM	KG	94.66
53	271400008N		GI EARTH WIRE,STRANDED & TWISTED,7/12	KG	108.08
54	260600182N	Insulators	11KV POLYMERIC COMPOSITE PIN INSULATOR	EACH	217.20
55	260600183N		33 KV POLYMERIC COMPOSITE PIN INSULATOR	EACH	663.67
56	260600184N		POLYMERIC COMPOSITE DISC INSULATOR 11 KV	EACH	168.93
57	260600185N		POLYMERIC COMPOSITE DISC INSULATOR 33 KV	EACH	543.00
58	271700006N	Binding Wires	ALUMINIUM BINDING WIRE 9 SWG, DIAMETER	KG	368.11
59	260200040N	Line Materials	C.I. SPACER BLOCK FOR 105 LBS M.S. RAIL	EACH	221.40
60	260200037A		C.I. SPACER BLOCK SUITABLE FOR 60 KG RAIL	EACH	268.21
61	211800103A		FISH PLATE FOR 52 KG / MTR. RAIL	EACH	1688.67
62	211800104A		FISH PLATE FOR 60 KG. RAIL	EACH	1450.77
63	260500002N		STRAIN CLAMP FOR 0.2 SQ. INCH A.C.S.R.	EACH	256.89
64	260500016N		STRAIN CLAMP 3 BOLTED TYPE HEAT TREATED - FOR 0.15 SQ	EACH	397.79
65	260500001N		TENSION CLAMP 3 BOLT TYPE, FOR 0.1 ACSR	EACH	348.54
66	260500003N		TENSION CLAMP FOR 0.06 SQ. INCH A.C.S.R	EACH	166.70
67	260500015N		TENSION CLAMP 0.03 SQ. INCH A.C.S.R.	EACH	179.74
68	260400021N		TWISTED CROSSARM STRAP, HOTDIP - 120 KN	SET	161.77
69	260400023N		TWISTED CROSSARM STRAP, HOTDIP - 70 KN	EACH	148.45
70	272202004N		TORSION JOINTING SLEEVE, BELL MOUTH - FOR 0.1 SQ.INCH ACSR ('DOG')	EACH	129.09
71	260300026N		GI GUY SET 7/8" (22MM) COMPLETE	EACH	1531.79
72	260600188N		GUY INSULATOR, BROWN COLORED PORCELAIN	EACH	45.53
73	260500049N		P.G. CLAMP MADE OF HIGH STRENGTH HEAT- FOR 0.2 SQ. INCH ACSR	EACH	539.22
74	260500048N		P.G. CLAMP MADE OF HIGH STRENGTH HEAT - FOR 0.15 SQ. INCH ACSR	EACH	445.29
75	260500053N		P.G. CLAMP SUITABLE FOR 0.1 SQINCH ACSR	EACH	140.12
76	260500045N		P.G. CLAMP MADE OF HIGH STRENGTH HEAT- FOR 0.06 SQ. INCH ACSR	EACH	116.18
77	260500148A		P.G. CLAMP UNIVERSAL FOR 0.1 AND 0.06	EACH	235.16
78	260500290N		WEDGE CONNECTOR .15 SQ.INCH	EACH	361.47
79	260500291N		WEDGE CONNECTOR .1 SQ.INCH	EACH	180.73
80	260300010N		GI EARTH PLATE 18" x 18" x 3/8" (450 X	EACH	1797.40
81	160400491A		GI EARTHING PIPE 50 MM DIA 2.5 MTR	EACH	1168.88
82	190200531N		GI EYE BOLT 5/8" X 9" (16X230 MM) MADE	EACH	98.25
83	190200530N		GI EYE BOLT 5/8" X 3" (16X76 MM)	EACH	119.83
84	190200525N		GI EYE BOLT 1/2" X 9" (12X230 MM) MADE	EACH	81.93
85	260300046N		GI TURN BUCKLE 3/4" x 18" (18MMX450MM)	EACH	380.04



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86	260600173N	AB Cable Fittings	SHACKLE INSULATOR WITH STRAP	EACH	100.93	
87	260600174N		D.IRON CLAMP,(HOT DIP GALVANIZED)	EACH	79.83	
88	272107105N		DISTRIBUTION BOXES INSTALLED ON THE POLE	EACH	911.05	
89	260500115N		SUSPENSION CLAMP SUITABLE FOR 55 SQ MM ,	EACH	120.94	
90	260500289N		SUSPENSION CLAMP FOR 25 SQ.MM TO 120 SQ.	EACH	199.60	
91	260500116N		A.B CABLE ANCHOR CLAMP SUITABLE FOR 55MM	EACH	212.90	
92	260500117N		G.I FLAT TYPE EYE-HOOK (TWO HOLE FLAT TYPE-B)	EACH	59.88	
93	272107100N		CABLE END CAP FOR 70 SQ.MM CABLE	EACH	9.31	
94	272107101N		INSULATING PIERCING CONNECTORS - FOR CONNECTION OF DISTRIBUTION BOXES INCLUDING CONNECTION WITH AB CABLE IN SQ.MM 25-90	EACH	222.18	
95	272107102N		INSULATING PIERCING CONNECTORS - FOR ABC TO ABC TEE CONNECTION IN SQ.MM 25-90	EACH	223.07	
96	272107103A		PRE INSULATED WATERPROOFED CRIMPING FOR STRAIGHT THROUGH JOINT OF AB CABLE SIZE:- 70 SQ MM	EACH	66.53	
97	260800002N		Danger Board	DANGER BOARD 13 1/2" x 5 1/2" RED BACK - 11KV	EACH	77.51
98	260800032N			DANGER BOARD (9" x 9") / (8" x 10") - FOR 33KV	EACH	76.13
99	260700025N	Lightning Arrestor	12 KV 10 KA POLYMERIC METAL OXIDE SURGE	EACH	2480.33	
100	260700024N		36 KV 10 KA POLYMERIC METAL OXIDE SURGE	EACH	10864.41	
101	270500010N	XLPE HT Cable	CABLE(E) 11KV, 3CORE,300 SQ.MM. - XLPE CABLE	MTR	1891.22	
102	270500030N		CABLE(E) 11KV, 3CORE,185 SQ.MM. - XLPE CABLE	MTR	977.94	
103	270500026N		CABLE(E) 11KV, 3CORE,120 SQ.MM. - XLPE CABLE	MTR	1140.65	
104	270500025N		CABLE(E) 11KV, 3CORE,70 SQ.MM.- XLPE CABLE	MTR	685.31	
105	270500028N		CABLE(E) 11KV - 1CORE,630 SQ.MM XLPE CABLE	MTR	772.44	
106	270700005N		33 KV 3 CORE 400 SQMM XLPE CABLE	MTR	3298.31	
107	270700004N		CABLE (UE) 33KV, 3CORE, 300 SQ.MM.	MTR	2320.87	
108	272300014N	HT AB Cable	11KV (E) GRADE AB CABLE (3X120MM. +1X180	MTR	735.38	
109	272300012N		11KV (E) GRADE AB CABLE,(3X70 MM. +1X180	MTR	957.09	
110	272300011N		11KV (E) AB CABLE,(3X50 MM. +1X105 MM)	MTR	537.18	
111	272300013N		11KV (E) GRADE AB CABLE,(3X95 MM. +1X180	MTR	686.74	
112	272300019A	LT AB Cable	LT AB CABLE(4C X 95+95+16)1.1KV	MTR	666.85	
113	272300020N		LT AB CABLE(4C X 70+70+16)1.1KV	MTR	496.95	
114	270100093B	LT XLPE Cable	1.1 KV 3.5 C 300 SQMM XLPE ARMD. CABLE	MTR	1040.35	
115	270100101A		1100 VOLTS 4 CORE XLPE CABLE,240 SQMM	MTR	1247.71	
116	271700051N		1100 V LT CABLE XLPE 4C X 120 SQMM	MTR	622.75	
117	271700050N		1100 V LT CABLE XLPE 4C X 95 SQMM	MTR	443.12	
118	271700049N		1100 V LT CABLE XLPE 4C X 70 SQMM	MTR	459.06	
119	271700048N		1100 V LT CABLE XLPE 4C X 50 SQMM	MTR	252.71	
120	270100103N		1100 V GRADE 4 CORE, L.T. 35 SQMM. CABLE	MTR	283.50	
121	271700044N		1100 V 4 C XLPE ARMOURED CABLE,25 SQMM	MTR	197.60	
122	270100104N		1100 V 4 C XLPE CABLE, 16 SQMM	MTR	151.82	
123	271700043A		1100 VOLTS 4 CORE XLPE ARMOURED CABLE,10 SQMM	MTR	113.21	
124	271700045A	Service Cable	1100 VOLTS 2 CORE XLPE ARMOURED CABLE,10 SQMM	MTR	87.91	
125	270100072N		2 CORE 6 SQ.MM AL. ARMOURED PVC CABLE	MTR	83.85	

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126	270200019N	Control Cable	1.1 KV 4 CORE 2.5 SQMM MULTISTRANDED COP	MTR	178.32	
127	270200065N		1.1 KV 7 CORE 2.5 SQMM MULTISTRANDED COP	MTR	286.76	
128	271100006N		1.1 KV 10 CORE 2.5 SQMM MULTISTRANDED CO	MTR	363.46	
129	271100017N		CONTROL CABLE, 12 CORE, MULTISTRANDED,	MTR	477.14	
130	271100007N		1.1 KV 14 CORE 2.5 SQMM MULTISTRANDED CO	MTR	525.78	
131	270200092A		COPPER CABLE STRANDED 1100 VOLT GRADE 4 CORE 4 SQ. MM	MTR	192.04	
132	161100173N	HDPE Pipe	HDPE PIPE 8" (210MM)	MTR	1246.83	
133	161100171N		HDPE PIPE 6" (150MM)	MTR	733.30	
134	161100172N		HDPE PIPE 4" (110MM)	MTR	331.92	
135	260300064A	PT Structure	MILD STEEL STRUCTURE (HEIGHT OF THE STRUCTURE 5.8 MTR.) FOR MOUNTING OUTDOOR TRANSFORMER	EACH	60570.37	
136	281700015N	Feeder Pillar Box	4 WAY LT FEEDER PILLAR BOX 400 A	EACH	26745.85	
137	281700014N		MINI FEEDER PILLAR BOX, 200A	EACH	11089.33	
138	298500004N	Switch Gear	33/36 KV 1600 A 1800 MVA OUTDOORTYPE VCB	EACH	422744.70	
139	294200010N		11KV 350 MVA, 800 AMPS VCB - INDOOR TYPE VCB	EACH	449717.40	
140	294100022N		33 kV FCRP PANEL WITH SCADA COMPRTABLE	EACH	350102.77	
141	294100024N		33KV INDOOR SWITCHGEAR 3 PANEL (2NOS I/C	EACH	3459333.26	
142	294100027N		INDOOR TYPE 36kV VCB	EACH	1381925.48	
143	294100028N		1250A, 31.5 kA/3 SEC_ 33KV SWITCH WITH	EACH	1276119.89	
144	271700055N	Cable Protection Tiles	RCC CABLE PROTECTION COVER 11KV	EACH	46.77	
145	271700054N		RCC CABLE PROTECTION COVER L.T.	EACH	21.41	
146	271700066N		Concrete Cable Route marker (vertical)	EACH	88.80	
147	271700067N		Concrete Cable Route marker (Horizontal)	EACH	76.96	
148	331200008A	Energy Meter	ELECTRONIC 3PH.,4 WIRE LT W/C METER	EACH	5143.57	
149	331300023A		1 PHASE 2 WIRE ACTIVE ENERGY METER	EACH	1345.73	
150	331300024A		1PH 2 WIRE ACTIVE ENERGY METER 10-60A	EACH	1345.73	
151	331300021A		STATIC 1 PH 2 WIRE WHOLE CURRENT METER	EACH	7319.94	
152	331300030N		1 PH CAPITAL SMART METER WITH NBIOT	EACH	3713.61	
153	331200007N		THREE PHASE KEYPAD PRE PAYMENT METER	EACH	16218.05	
154	330100440N		LT 3P-4W LT CT METER 3X240 V 500/5A	EACH	40977.68	
155	330100453N		SMART, 3P-4W, LT/CT METER, 200/5A	EACH	26731.85	
156	330100454N		SMART, 3P-4W, 11KV, TVM, -/5A, 0.5S	EACH	27325.89	
157	330100455N		SMART, 3P-4W, 33KV, TVM, -/5A, 0.2S	EACH	59404.11	
158	331200015N		3 PHASE 4 WIRE NET METERING - SARAL 300	EACH	6708.06	
159	335000036N		MODEM SKYLINE E- 90	EACH	9689.42	
160	330100419N		LT 3P 4W 40-200A Elec. CT opr. TVM CL 1	EACH	22313.64	
161	330100013N		33 kV 3P-4W TVM (260/5A) GSM/GPRS CL-0.5	EACH	18626.22	
162	330100446N		33 kV 3P-4W TVM (-/5 A), WITH MODEM + AC	EACH	28311.85	
163	330100447N		HT STATIC TRI VECTOR ENERGY METER -/1A	EACH	22313.64	
164	330100448N		11 kV 3P-4W TVM (-/5 A) GSM/GPRS CL-0.5s	EACH	18626.22	
165	282100033N		CT & PT	CURRENT TRANS. 33 kV, O/D, 600-300/1-1A	EACH	33192.35
166	282100034N			CURRENT TRANSFORMER, O/D 600-300/ 1-1-1 - 33kV	EACH	33391.90
167	283100006N			POTENTIAL TRANSFORMER, OUTDOOR 33 KV	EACH	37859.09
168	283100016N			O/D 33 KV PT 100VA, CL:0.2	EACH	34399.34
169	283100007N	POTENTIAL TRANSFORMER, OUTDOOR - 33KV 100VA, CL:1		EACH	33391.90	
170	282100032N	33KV CT, O/D, 400/200/5-5, CL:0.2S		EACH	32525.53	
171	282100012N	C T 33 kV INDOOR 260-130 / 5-5-1A		EACH	26764.58	

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