



Abstract

Procurement of materials for the Financial Year 2023-24-Approval of consolidated Purchase Plan for Distribution, Transmission & Generation materials-Sanctioned-Orders Issued.

Corporate Office (Supply Chain Management)

B.O.[DB] No: 912 /2022(KSEB/SCM/XM/AE(A)/2022-23/Purchase Plan23-24/)

Dated, Thiruvananthapuram 21 /11/2022

- Read:- 1) BO.(FTD).No.421/2021(D(D,IT & HRM)/DDC 18/2019-20,
Thiruvananthapuram dated 03.06.2021
- 2) Note No.KSEB/SCM/XM/AE(A)/2022-23/Purchase Plan23-24/ dated
01.11.2022 of the Chairman & Managing Director.
- 3) Proceedings of the 68th meeting of the Board of Directors held on
02.11.2022 vide Agenda Item No. OA:1-11/2022.

ORDER

The Director(Distribution, IT & SCM) furnished the requirement for distribution materials for the Financial Year 2023-24(Excluding RDSS) with due consideration for Dyuthi, Service Connection, deposit & maintenance works. The conductor requirements are changed to insulated conductor and Aerial Bunched Cables for the Financial Year 2023-24 as envisaged in the Board Order read as 1st above. The quantity of 8m PSC poles is excluded from the Purchase Plan for 2023-24.

The consolidated list of Transmission materials required for Transmission works planned for execution during the Financial Year 2023-24 was furnished by the Director (T, SO, P & S). The Director (T, SO, P & S) pointed out that additional proposals are under formulation in the field offices for including under RDSS, and hence some changes may occur in the requirement now projected.

The list of materials required for Generation wing planned for the Financial Year 2023-24 was furnished by the Director (Generation-Electrical).

The Chairman & Managing Director as per note read as 2nd above placed the Distribution Purchase Plan 2023-24 amounting to Rs 867,48,66,888/- as Annexure I, Transmission Purchase Plan 2023-24 amounting to Rs 233,56,79,234/- as Annexure II and Generation Purchase Plan 2023-24 amounting to Rs 10,10,98,984/- as Annexure III before the 68th meeting of the Board of Directors held on 02.11.2022.

The Principal Secretary (Power) observed that the inventory and procurement management in the company need to be strengthened and the necessary software should be implemented to enable placing orders based on economic order quantity. The Chairman & Managing Director opined that there need to be specific policy decision on the decentralized purchase for the company and a system should be in place to address operational issues for procurement.

After discussion the Board instructed Director (D, IT & SCM) to ensure the procurement done in such a way that by April in the next Financial Year the required materials are available. The State PSUs are given longer time by putting them in the later part of the supply. The management shall be done in such a way that there will not be any supply chain disruptions.

Having examined the matter in detail, in its meeting held on 02.11.2022,

Resolved to accord sanction for the Distribution Purchase Plan for the Financial Year 2023-24 with a total financial commitment of Rs 867,48,66,888/- (Rupees Eight Hundred Sixty Seven Crore Forty Eight Lakh Sixty Six Thousand Eight Hundred Eighty Eight only).

Resolved also to accord sanction for the Transmission Purchase Plan for the Financial Year 2023-24 with a total financial commitment of Rs 233,56,79,234/- (Rupees Two Hundred Thirty Three Crore Fifty Six Lakh Seventy Nine Thousand Two Hundred Thirty Four only).

Resolved further to accord sanction for the Generation Purchase Plan for the Financial Year 2023-24 with a total financial commitment of Rs 10,10,98,984/- (Rupees Ten Crore Ten Lakh Ninety Eight Thousand Nine Hundred Eighty Four only)

Resolved also to authorize the Chief Engineer(SCM & CSC) to proceed with the purchase of centrally procured items for the Financial Year 2023-24.

Also resolved to authorize Full Time Directors to add or decrease appropriate quantity of material and devise appropriate system for the operational issues relating to procurement and submit the same before next Board meeting.

Orders are issued accordingly

Annexure I:- Purchase Plan 2023-24 of Distribution Materials.

Annexure II:- Purchase Plan 2023-24 of Transmission Materials.

Annexure III:- Purchase Plan 2023-24 of Generation Materials.

BY ORDER OF THE DIRECTOR BOARD

Sd/-

Company Secretary(In Charge)

To

The Chief Engineer(SCM & CSC)

Copy to:-

- 1) The Legal Advisor & Disciplinary Enquiry Officer/Company Secretary
- 2) The Deputy Chief Engineer(IT), KSEB Limited.
- 3) TA to Chairman & Managing Director / Director(Distribution , SCM & IT)/ Director(G-E) & HRM/ Director(Transmission, System Operation, Planning & Safety)/ Director(Generation-Civil)/ Director (REES including SOURA, Nilavu, Sports & Welfare).
- 4) PA to Director(Finance)/ Senior C.A. to Secretary(Administration)
- 5) The Library, KSEB Limited/ Stock file.

Forwarded/By Order


Assistant Engineer

BON. BOLD BJ NO: 912/2022 (BBB/SCM) X M/ABCA / 2022-23 (Purchase Plan 23-24) Deleted,
 Thiruvananthapuram 21-11-22

Annexure I

Distribution Purchase Plan for Financial Year 2023-24

SI No	Material Name	UOM	Dyuthi Quantity	Maintenance Quantity	Total Quantity	Rate	Amount
1	11KV 3X120 Sommm HT ABC XLPE Heat Shrinkable kit(Outdoor)		2511	334	2845.00	2137.53	6081272.85
2	11KV 630 A 1 LBS and 1 CB	set	7	0	7.00	150000.00	1050000.00
3	Aerial Bunched Cable HT 3x120 + 1x95 sq.mm (Insulated Messenger)	meter	385210	39694	424904.00	895.67	380573765.68
4	Aerial Bunched Cable HT 3x150 + 1x120 sq.mm (Insulated Messenger)	meter	186771	13735	200506.00	1058.84	212303773.04
5	Aerial Bunched Cable LT 1x25 + 1x25 (Insulated Messenger)	meter	0	333000	333000.00	176.30	58707900.00
6	Aerial Bunched Cable LT 3x50 + 1x35 (Insulated Messenger)	meter	247032	34000	281032.00	233.64	65660316.48
7	Aerial Bunched Cable LT 3x70 + 1x50 + 1x16 sq.mm (Insulated Messenger)	meter	7280005	221801	7501806.00	282.91	2122335935.46
8	Air Break Switch (AB Switch) 11KV 4 00 A. Composite Polymer Housing	each	3198	0	3198.00	15292.80	48906374.40
9	Air Break Switch (AB Switch) 11 kv 4 00 A. Composite Polymer Housing (Double Break)	each	0	300	300.00	15849.82	4754946.00
10	Air Break Switch (AB Switch) 22 kv 4 00 A. Composite Polymer Housing (Double Break)	each	21	22	43.00	28084.00	1207612.00
11	Anchor/Dead End Clamp for insulated messenger 95 sq mm	each	0	524	524.00	378.31	198234.44
12	Anchor/Dead End Clamp for insulated messenger for AB Cables 120 sqmm	each	0	186	186.00	649.00	120714.00
13	Anchoring /Dead end Clamp Assembly for HT AB Cables up to 120 sq.mm	each	5378	0	5378.00	544.69	2929342.82
14	Anchoring /Dead end Clamp Assembly for HT AB Cables up to 150 sq.mm	each	2672	0	2672.00	571.07	1525899.04
15	Anchoring /Dead end Clamp Assembly for LT AB Cables up to 35 sq.mm	each	147813	0	147813.00	420.00	62081460.00
16	Anchoring /Dead end Clamp Assembly for LT AB Cables up to 50 sq.mm	each	9650	150	9800.00	321.36	3149328.00
17	Anchoring /Dead end Clamp Assembly for LT AB Cables up to 70 sq.mm	each	181360	150	181510.00	282.22	51225752.20
18	Anchor Plate 200 x 200 x 6 mm GI (LT Stay Plate GI)	each	148661	30000	178661.00	316.81	56601591.41
19	Anchor Plate 200 x 200 x 8 mm GI (HT Stay Plate GI)	each	21592	0	21592.00	486.04	10494575.68
20	Anchor Plate 300 x 300 x 8 mm GI (HT Stay Plate GI)	each	0	10500	10500.00	647.00	6793500.00
21	BACK PLATE FOR AB SWITCH	each	0	1608	1608.00	664.08	1067840.64
22	BELT FOR AB SWITCH 4 00A	each	0	1135	1135.00	590.00	669650.00
23	BOLT & NUT GI 4 0mm x 16mm (1 1/2 x 5/8)	kilogram	49	0	49.00	129.80	6360.20
24	Bolt & Nut GI FT M 12 x 150 (6"x 1/2")	kilogram	6982	0	6982.00	126.87	885806.34
25	Bolt& Nut GI FT M 16 x 75	kilogram	4277	0	4277.00	151.99	650061.23
26	BOLT & NUT GI HT 200mm x 19mm	kilogram	16035	0	16035.00	125.52	2012713.20
27	BOLT & NUT GI HT 300mm x 19mm	kilogram	2110	0	2110.00	133.51	281706.10

SI No	Material Name	UOM	Dyuthi Quantity	Maintenance Quantity	Total Quantity	Rate	Amount
28	Bolt & Nut GI M 12 x 65 (2 1/2" x 1 1/2")	kilogram	41546	0	41546.00	129.35	5373975.10
29	Bolt & Nut GI M 16 x 40 (1 1/2" x 5/8")	kilogram	819	0	819.00	129.80	106306.20
30	Bolt & Nut GI M 20 x 250 (9 3/4" x 3/4")	kilogram	33388	0	33388.00	123.97	4139110.36
31	BREATHER FOR DISTRIBUTION TRANSFORMER	each	0	3427	3427.00	424.80	1455789.60
32	Cable 1.1kV PVC Insulated AL Twin Core 2.5 Sq.mm PVC Sheathed Weather Proof (TTC Weather Proof Wire 1/1.8)	meter	1241835	15000000	16241835.00	8.89	144389913.15
33	Cable 1.1kV PVC Insulated AL Twin Core 6 Sq.mm PVC Sheathed Weather Proof (TTC Weather Proof Wire 1/2.8)	meter	23590	2000000	2023590.00	18.30	37031697.00
34	Cable 1.1kV XLPE AL 1c X 120 sq mm (Un Armoured)	meter	110387	155000	265387.00	121.26	32180827.62
35	Cable 1.1kV XLPE AL 1c x150 sq mm (Un Armoured)	meter	0	24000	24000.00	195.56	4693440.00
36	Cable 1.1kV XLPE AL 1c X185 sq mm (Un Armoured)	meter	0	18000	18000.00	200.60	3610800.00
37	Cable 1.1kV XLPE AL 1c X 95 sq mm (Un Armoured)	meter	2000	98000	100000.00	118.60	11860000.00
38	Cable 11kV XLPE AL UG 3c X185 sq mm (Armoured)	meter	43812	0	43812.00	750.00	32859000.00
39	Cable 11kV XLPE AL UG 3c X300 sq mm (Armoured)	meter	65377	22000	87377.00	1436.43	125510944.11
40	Cable End Cap for ABC 16 Sq mm	each	45913	0	45913.00	5.04	231401.52
41	Cable End Cap for ABC 35 Sq mm	each	1945	170	2115.00	21.24	44922.60
42	Cable End Cap for ABC 50 Sq mm	each	44839	200	45039.00	21.24	956628.36
43	Cable End Cap for ABC 70 Sq mm	each	122020	2000	124020.00	10.62	1317092.40
44	Cable End Cap for ABC 95 Sq mm	each	14808	0	14808.00	21.24	314521.92
45	Cable End Cap for 120 Sq.mm ABC	each	0	500	500.00	21.24	10620.00
46	Cable End Termination Kit 11 kV XLPE 3c x 185 Sq.mm - Heat Shrinkable (Outdoor)	each	271	0	271.00	1600.00	433600.00
47	Cable End Termination Kit 11 kV XLPE 3c x 300 Sq.mm - Heat Shrinkable (In door)	each	0	16	16.00	2335.00	37360.00
48	Cable End Termination Kit 11 kV XLPE 3c x 300 Sq.mm - Heat Shrinkable (Outdoor)	each	238	200	438.00	2505.64	1097470.32
49	Cable Straight Joint Kit 11 kV XLPE 3c x 185 Sq.mm - Heat Shrinkable (Outdoor)	each	139	0	139.00	4500.00	625500.00
50	Cable Straight Joint Kit 11 kV XLPE 3c x 300 Sq.mm - Heat Shrinkable (Outdoor)	each	335	450	785.00	8355.36	6558957.60
51	Channel Cross arm for LT 2 Pin - GI 75 x 40 x 6 mm- 0.510 mt (2 line Cross arm)	each	19375	87000	106375.00	469.98	49994122.50
52	Channel Cross arm for LT 2 Pin - GI 75 x 40 x 6 mm- 0.510 mt with CBN (2 line Cross arm)	each	0	85000	85000.00	578.20	49147000.00
53	Channel Cross arm for LT 4 Pin - GI 75 x 40 x 6 mm 1.11 mt (4 Line Cross arm)	each	0	94478	94478.00	820.94	77560769.32
54	Channel cross arm GI 75 x 40x 6 mm- 1.11 mt With CBN (4 line Cross arm)	set	26832	0	26832.00	932.20	25012790.40
55	Channel cross arm GI 75x4 0x6mm 1.8M	each	8195	12294	20489.00	1311.09	26862923.01

SI No	Material Name	UOM	Dyuthi Quantity	Maintenance Quantity	Total Quantity	Rate	Amount
56	Channel cross arm GI 75 x 4 x 6 mm 2.4 mt	each	7125	7199	14324.00	1755.91	25151654.84
57	Clamp for 2/4 line channel Cross Arm for PSC Poles 200kg	each	0	96893	96893.00	93.42	9051744.06
58	Clamp GI for 11kV line V cross arm	each	6732	5505	12237.00	210.43	2575031.91
59	Clamp GI For 8 mt Strut Pole (For Pole)	each	28280	413	28693.00	84.91	2436322.63
60	Clamp GI For 8 mt Strut Pole (For Strut)	each	14	413	427.00	84.91	36256.57
61	Clamp GI for 8 mt Tubular pole	each	2665	0	2665.00	84.91	226285.15
62	Clamp GI For 9 mt Strut Pole (For Pole)	each	1918	9713	11631.00	92.61	1077146.91
63	CLAMP GI FOR HT CROSS ARM	each	7352	20899	28251.00	189.34	5349044.34
64	Clamp GI for HT Stay for End location	each	40	0	40.00	92.61	3704.40
65	CLAMP GI FOR HT STAY WITH BOLT and NUT SET	set	19768	0	19768.00	92.61	1830714.48
66	Clamp GI for LT 2pin/4 Pin Cross arm for Angular location	each	159337	0	159337.00	109.74	17485642.38
67	Clamp GI for LT Stay for Angular location	each	148661	64214	212875.00	84.91	18075216.25
68	Cleat GI for 11kV Disc insulator	each	26670	15000	41670.00	64.23	2676464.10
69	COMPOSITE LINE SPACERS- 2LINE(300mm)	each	1035000	4965000	6000000.00	50.74	3044400000.00
70	COMPOSITE LINE SPACERS- 4 LINE(3 Phase)	each	1520000	480000	2000000.00	82.60	1652000000.00
71	COMPOSITE PIN INSULATOR 11 kV with Pin	set	22804	0	22804.00	161.31	3678513.24
72	Conductor ACSR DOG (for 22kV)	meter	0	200000	200000.00	70.80	14160000.00
73	COPPER WIRE, Multistrand ,Flexible	meter	40	0	40.00	16.27	650.80
74	Coupler For HDPE Pipe 110 mm		0	3716	3716.00	212.40	789278.40
75	Covered Conductor 99 Sq.mm- 11kV AAC (24 5 A)	meter	1350982	1189000	2539982.00	375.00	952493250.00
76	Crimping Socket Palm Type 120 Sq.mm - Al (Cable Lug)	each	29061	94160	123221.00	23.01	2835315.21
77	Crimping Socket Palm Type 150 Sq.mm - Al (Cable Lug)	each	0	48989	48989.00	24.19	1185043.91
78	Crimping Socket Palm Type 185 Sq.mm - Al (Cable Lug)	each	0	14064	14064.00	34.81	489567.84
79	Crimping Socket Palm Type 95 Sq.mm - Al (Cable Lug)	each	1350	51353	52703.00	19.47	1026127.41
80	CROSS ARM 2 LINE SET(WITH CLAMP BOLT&NUT)	set	12238	0	12238.00	350.51	4289541.38
81	CROSS ARM GI CHANNEL 100X50 mm 3M	each	11853	0	11853.00	2773.27	32871569.31
82	CT PT UNIT 11kV/110V 100- 200/5A 10 VA (for 4 - wire metering)	each	1	5	6.00	62773.82	376642.92
83	CT PT UNIT 11kV CLASS 0.5 50 VA 4 00/5A	each	16	0	16.00	32818.00	525088.00

SI No	Material Name	UOM	Dyuthi Quantity	Maintenance Quantity	Total Quantity	Rate	Amount
84	CT RESIN CAST 0.415KV 10VA Class 0.5 100/5A	each	32	1500	1532.00	1109.20	1699294.40
85	CT RESIN CAST 0.415KV 10VA Class 0.5 200/5A	each	3332	0	3332.00	767.91	2558676.12
86	CT RESIN CAST 0.415KV 15VA Class 0.5 300/5A	each	36	0	36.00	452.00	16272.00
87	CT RESIN CAST 0.415KV 15VA Class 0.5 500/5A	each	80	0	80.00	914.23	73138.40
88	CT RESIN CAST 0.415KV 15VA Class 0.5 800/5A	each	4	0	4.00	1080.71	4322.84
89	CT RESIN CAST 0.415KV 5VA Class 0.5 100/5A	each	60	0	60.00	1109.20	66552.00
90	CT RESIN CAST 0.415KV 5VA Class 0.55 150/5A	each	32	0	32.00	1062.00	33984.00
91	Disc Insulator 11 KV Composite Polymeric	each	26673	27558	54231.00	163.39	8860803.09
92	DISTRIBUTION BOX 4.15 V 200 A 2 WAY WITH INCOMER ISOLATOR & 125A SP MCCB	each	10	0	10.00	18776.00	187760.00
93	Distribution Box LT Outdoor 2 Way 100 A(With MCCBs) SMC	each	9	50	59.00	34196.40	2017587.60
94	Distribution Box LT Outdoor 3 Way 200 A	each	20	0	20.00	22488.29	449765.80
95	Distribution Box LT Outdoor 3 Way 200 A(With 200 A SP MCCBs) and Isolator SMC	each	0	20	20.00	22284.00	445680.00
96	Distribution Box LT Outdoor 3 Way 200 A(With MCCBs) SMC	each	65	0	65.00	22284.00	1448460.00
97	Distribution Transformer 3 Phase 100 KVA 11KV/4 33 V ONAN	each	395	803	1198.00	227681.00	272761838.00
98	Distribution Transformer 3 Phase 100 KVA 22 KV/4 33 V ONAN	each	3	0	3.00	377363.00	1132089.00
99	Distribution Transformer 3 Phase 160 KVA 11KV/4 33 V ONAN	each	164	305	469.00	342554.00	160657826.00
100	Distribution Transformer 3 Phase 250 KVA 11KV/4 33 V ONAN	each	26	80	106.00	453592.00	48080752.00
101	Distribution Transformer 3 Phase 25 KVA 11KV/4 33 V ONAN	each	39	0	39.00	102864.00	4011696.00
102	Distribution Transformer 3 Phase 315 KVA 11 KV/4 33 V ONAN	each	5	0	5.00	750194.00	3750970.00
103	Distribution Transformer 3 Phase 500 KVA 11KV/4 33 V ONAN (3 Star Rated)	each	1	10	11.00	893614.00	9829754.00
104	Distribution Transformer 3 Phase 63 KVA 11KV/4 33 V ONAN	each	8	0	8.00	211503.00	1692024.00
105	Earth Chamber (PVC) With RCC Covering Slab	each	7238	0	7238.00	1008.90	7302418.20
106	Earth Clamp GI 40 mm Dia	each	412	0	412.00	60.00	24720.00
107	Earth Connector 95 Sqmm	each	6826	0	6826.00	94.15	642667.90
108	Earth Pit Covering Slab 450mm X 450mm X75mm	each	0	4539	4539.00	989.00	4489071.00
109	EM 1x 230V Class 1.0 5-30A Static LCD with ToD(DLMS Compliant)	each	24491	1200000	1224491.00	603.00	738368073.00
110	EM 3X 230V CLASS 0.55 -/5A LCD(DTR /LT CT METEN)	each	822	0	822.00	1950.00	1602900.00
111	EM 3x 230V Class 1.0, 10-60A, Static, LCD Display with ToD Facility	each	674	150000	150674.00	1449.00	218326626.00

Sl No	Material Name	UOM	Dyuthi Quantity	Maintenance Quantity	Total Quantity	Rate	Amount
112	EM 3X 230V LCD TOD CLASS 0.5S -/5A (LICT METER)	each	20	8000	8020.00	2070.00	16601400.00
113	Eye Bolt GI M 10 x 300 mm		0	3500	3500.00	60.00	210000.00
114	Fault Pass Indicator with Communication Facility 11KV (CFPD)	each	1086	15000	16086.00	14450.54	232451386.44
115	Fault Pass Indicator with Communication Facility 33 kV (CFPD)	each	0	2000	2000.00	14562.74	29125480.00
116	FEMALE CONTACT FOR AB SWITCH 11KV 4 00A	each	0	2957	2957.00	756.80	2237857.60
117	FLEXIBLE BELT FOR AB SWITCH COPPER 11 KV 4 00 A	each	0	1135	1135.00	650.47	738283.45
118	FLEXIBLE BELT FOR AB SWITCH COPPER 22 KV 200 A	each	0	2571	2571.00	650.00	1671150.00
119	FUSE DROP OUT 11 KV	each	1263	5591	6854.00	1158.21	7938371.34
120	FUSE DROP OUT 22 KV	each	3	0	3.00	1410.00	4230.00
121	FUSE UNIT 4 15 V 100 A PORCELAIN	each	7833	28194	36027.00	524.73	18904447.71
122	FUSE UNIT 4 15 V 200A PORCELAIN	each	1263	27011	28274.00	985.64	27867985.36
123	FUSE UNIT 4 15 V 300A PORCELAIN	each	0	2668	2668.00	1258.58	3357891.44
124	Fuse Wire 200A	kilogram	41	40	81.00	1348.74	109247.94
125	G.I.WIRE. 4 MM (8 SWG)	kilogram	252487	69234	321721.00	85.40	27474973.40
126	GI WIRE 6MM DIA 4 SWG	kilogram	77400	19732	97132.00	111.64	10843816.48
127	GI Wire 9 SWG	kilogram	36175	0	36175.00	88.18	3189911.50
128	Hardware Fittings 11KV B&S Type	each	26670	27013	53683.00	234.47	12587053.01
129	Helically formed Guy- Grip HT	each	0	67999	67999.00	158.24	10760161.76
130	Helically formed Guy- Grip LT	each	743305	385284	1128589.00	124.57	140588331.73
131	Insulation Piercing Connector (IPC Connector) Main 16 sq mm to 95 sq mm; Tap 4 sq mm to 35 sq mm (4 way)	each	429163	1031	430194.00	73.41	31580541.54
132	Insulation Piercing Connector (IPC Connector) Main 16 sq mm to 95 sq mm; Tap 4 sq mm to 50 sq mm (4 way)	each	118205	276	118481.00	73.41	8697690.21
133	Insulation Piercing Connector - Main: 16 sq mm to 95 sq mm; Tap : 1.5 sq mm to 16 sq mm	each	369360	10085	379445.00	69.03	26193088.35
134	Insulation Piercing Connector - Main: 16 sq mm to 95 sq mm; Tap : 16 sq mm to 95 sq mm	each	592914	0	592914.00	64.90	38480118.60
135	Lightning Arrester 9 KV,10 KA (Station class) Composite Polymer Housing	each	588	12000	12588.00	2127.42	26779962.96
136	LIGHTNING ARRESTOR 9 KV 5 KA	each	1266	0	1266.00	442.68	560432.88
137	LT Shackle Insulator Hardware GI (GI strap with B & N)	set	8726	0	8726.00	65.96	575566.96
138	MALE CONTACT FOR AB SWITCH 11KV 4 00A	each	0	2517	2517.00	753.46	1896458.82
139	MALE & FEMALE CONTACT SET FOR AB SWITCH 11 KV 4 00 A	each	0	3826	3826.00	1664.01	6366502.26

SI No	Material Name	UOM	Dyuthi Quantity	Maintenance Quantity	Total Quantity	Rate	Amount
140	Meter Box For Distribution Transformer With Clamps (FRP)	each	822	0	822.00	2953.00	2427366.00
141	MVT Kit For HT ABC	each	640	200	840.00	3852.00	3235680.00
142	Packing Clamp (U Clamp)	each	51396	0	51396.00	31.02	1594303.92
143	PANTOGRAPH FOR AB SWITCH 11 KV	each	0	1992	1992.00	192.44	383340.48
144	Pin Insulator 22 KV Composite Polymeric	each	3	100	103.00	395.00	40685.00
145	PIN INSULATOR 4 15V SET(WITH PIN) Polymeric	set	270384	274034	544418.00	71.40	38871445.20
146	Pipe GI 4 0 mm dia - 2.5 m Length(Earth Pipe)	each	11505	12261	23766.00	1194.78	28395141.48
147	Pipe HDPE 110 mm	meter	43336	0	43336.00	514.48	22295505.28
148	Pipe PVC 315 mm dia 6 mm Thick- 300 mm length	meter	0	1000	1000.00	1416.69	1416690.00
149	POLE A TYPE 11 M	each	85	0	85.00	24098.28	2048353.80
150	POLE A TYPE 12 M	each	7695	0	7695.00	27900.51	214694424.45
151	POLE A TYPE 14 M	each	912	0	912.00	49782.27	45401430.24
152	Pole PSC 9 M	each	20851	0	20851.00	3825.56	7976751.56
153	Pole Top Bracket - F Type GI - 11 KV	each	3816	23200	27016.00	156.97	4240701.52
154	Poly Carbonate Seal	each	427313	100000	527313.00	5.08	2678750.04
155	Post Insulator Composite Polymeric 11KV for AB Switch	each	0	509	509.00	342.20	174179.80
156	Pre- Insulated Midspan Joints and Terminal Lugs 16 Sq.mm	each	5205	447	5652.00	90.07	509075.64
157	Pre- Insulated Midspan Joints and Terminal Lugs 35 Sq.mm	each	17	100	117.00	91.83	10744.11
158	Pre- Insulated Midspan Joints and Terminal Lugs 50 Sq.mm	each	320	50	370.00	91.83	33977.10
159	Pre- Insulated Midspan Joints and Terminal Lugs 70 Sq.mm	each	5944	514	6458.00	96.98	626296.84
160	Pre- Insulated Midspan Joints and Terminal Lugs 95 Sq.mm	each	19744	0	19744.00	570.07	11255462.08
161	RMU 11KV 630 A Bus Coupler (B/C) or (S)	each	1	0	1.00	286360.00	286360.00
162	RMU 11KV 630 A C(CCE) -(CCC+) or (RRR+)	each	55	0	55.00	316631.76	17414746.80
163	RMU 11KV 630 A C(E) + DA-(C+DA) or (R+DA)	each	68	0	68.00	297950.00	20260600.00
164	RMU 11KV 630 A CT(CE) + DA-(C+DA) or (RRL + +DA)	each	64	0	64.00	387653.60	24809830.40
165	Satellite connector - Main : 16 sq mm to 95 sq mm; Tap : 4 sq mm to 50 sq mm (4 way)	each	407162	0	407162.00	336.30	136928580.60
166	SHACKLE INSULATOR 4 15V SET(WITH STRAP BOLT&NUT)	set	80422	322490	402912.00	65.96	26576075.52
167	Stainless steel Buckles [20.5 mm x 1.5 mm; thickness 1.2 mm]	each	857202	0	857202.00	7.45	6386154.90
168	Stainless Steel Strap [20 mm x 0.7 mm]	meter	634860	0	634860.00	41.49	26340341.40
169	Stay Insulator Porcelain 11k V	each	21427	38446	59873.00	55.14	3301397.22
170	Stay Insulator Porcelain 4 15/24 0 V	each	153578	141931	295509.00	18.38	5431455.42
171	Stay Rod (Anchor Rod) GI 16 mm dia (LT Stay Rod)	each	148661	131999	280660.00	281.96	79134893.60

SI No	Material Name	UOM	Dyuthi Quantity	Maintenance Quantity	Total Quantity	Rate	Amount
172	Stay Rod (Anchor Rod) GI 20 mm dia (HT Stay Rod)	each	19768	39880	59648.00	444.11	26490273.28
173	STAY TIGHTNER HT	each	19768	0	19768.00	456.80	9030022.40
174	STAY TIGHTNER LT	each	148661	0	148661.00	409.68	60903438.48
175	Stay Wire 7/8 (7/3.15mm) GI (HT Stay Wire)	kilogram	716470	892492	1608962.00	92.64	149054239.68
176	Suspension Clamp Assembly for HT AB Cables up to 120 sq.mm	each	12182	1238	13420.00	374.42	5024716.40
177	Suspension Clamp Assembly for HT AB Cables up to 150 sq.mm	each	5191	379	5570.00	415.62	2315003.40
178	Suspension Clamp Assembly for LT AB Cables up to 35 sq.mm	each	206	0	206.00	281.89	58069.34
179	Suspension Clamp Assembly for LT AB Cables up to 50 sq.mm	each	11438	350	11788.00	281.89	3322919.32
180	Suspension Clamp Assembly for LT AB Cables up to 70 sq.mm	each	230089	10000	240089.00	207.32	49775251.48
181	TERMINAL CONNECTOR FOR AB SWITCH 11 kV 4 00 A	each	0	2152	2152.00	201.12	432810.24
182	Termination Kit(3 Nos) for HT ABC 150 Sq.mm	set	935	0	935.00	2096.79	1960498.65
183	Thimble GI 75 mm x 22 mm x 4 0 mm ,1.5 mm Thickness (For HT and LT)	each	168429	256856	425285.00	37.76	16058761.60
184	TRANSFORMER OIL	litre	0	26900	26900.00	41.67	1120923.00
185	V cross arm GI 11 kV	each	11038	26412	37450.00	1281.48	47991426.00

Total

8674866887.50

Total Amount-867,48,66,888/- (Rupees Eight Hundred Sixty Seven Crore Forty Eight Lakhs Sixty Six Thousand Eight Hundred Eighty Eight Only)


Chief Engineer (SCM & CSC)
11/11/20

Purchase Plan 2023-24 - Requirement of Transmission Materials					Annexure-II
Sl No	Material Name	Unit	Quantity	AIR/Unit (Rs)	Total Amt (Rs)
1	11 kV LA station class	No	600	1792.42	1075452.00
2	11 kV 10 panel set (1250 A)	Set	15	8248005.00	123720075.00
3	11 kV 10 panel set (2000 A)	Set	20	8909631.00	178192620.00
4	11 kV AB switch, 630 A station class	Set	100	17570.00	1757000.00
5	11 kV 800 A Bus isolator with structure	Set	20	31981.30	639626.00
6	11kV outdoor VCB with CT	Set	9	564304.32	5078738.88
7	11 kV XLPE UG cable, 1x500 mm ²	km	28	618348.00	17313744.00
8	11 kV XLPE UG cable, 3x300 mm ²	km	40	1092680.00	43707200.00
9	11 kV, 100 kVA Transformer	No	4	227681.00	910724.00
10	11 kV, 160 kVA Transformer	No	3	342554.00	1027662.00
11	33 kV CT 400/200/100/1-1-1A	No	60	54280.00	3256800.00
12	Support structure for 33 kV CT	No	60	18585.00	1115100.00
13	33 kV PT	No	80	31801.00	2544080.00
14	Support structure for 33 kV PT	No	45	18880.00	849600.00
15	33 kV LA	No	150	7611.00	1141650.00
16	Support structure for 33 kV LA	No	80	7080.00	566400.00
17	33 kV Indoor 3-Panel Set (1 feeder + 2 Transformer)	Set	4	3274196.00	13096784.00
18	33 kV Indoor 5-Panel Set (2 I/C from Trf + 2 feeder + 1 BC)	Set	2	4847000.00	9694000.00
19	33 kV Outdoor VCB	Set	30	223239.48	6697184.40
20	33 kV, 800 A Bus isolator with structure	Set	30	71019.48	2130584.40
21	33 kV, 800 A Line isolator with E/S and structure	Set	30	76727.14	2301814.20
22	33 kV Feeder C&R panel	Set	8	237770.00	1902160.00
23	33/11 kV Transformer C&R panel	Set	9	271990.00	2447910.00
24	33/11 kV, 5 MVA Transformer	No	8	7678471.00	61427768.00
25	33/11 kV, 8 MVA Transformer	No	1	10203236.00	10203236.00
26	33 kV XLPE UG cable, 3x300 mm ²	kM	10	1872120.00	18721200.00
27	66 kV CT 600/300/150/75/1-1-1-1A	No	10	81890.82	818908.20
28	66 kV CT 400/200/100/1-1-1-1A	No	10	80828.82	808288.20

SI No	Material Name	Unit	Quantity	AIR/Unit (Rs)	Total Amt (Rs)
29	Support structure for 66 kV CT	No	10	22678.65	226786.50
30	66 kV PT	No	15	65000.00	975000.00
31	Support structure for 66 kV PT	No	15	22678.65	340179.75
32	66 kV LA	No	15	29600.30	444004.50
33	Support structure for 66 kV LA	No	15	6587.00	98805.00
34	66 kV SF6 CB	No	2	421494.82	842989.64
35	66 kV, 800 A Bus Isolator with structure	Set	3	142000.00	426000.00
36	66 kV, 800 A Line Isolator with E/S and structure	Set	1	169000.00	169000.00
37	66 kV Feeder C&R panel	Set	2	524635.90	1049271.80
38	66/11 kV Transformer C&R panel	Set	1	492911.87	492911.87
39	110 kV CT, 1200/600/1-1-1-1 A	No	40	242614.37	9704574.80
40	110 kV CT, 400/200/100/1-1-1-1 A	No	250	159300.00	39825000.00
41	110 kV CT, 800/400/1-1-1-1 A	No	60	227259.03	13635541.80
42	Support structure for 110 kV CT	No	250	22678.65	5669662.50
43	110 kV CVT	No	100	116169.82	11616982.00
44	Support structure for 110 kV CVT	No	100	20071.80	2007180.00
45	110 kV PT	No	120	108927.24	13071268.80
46	Support structure for 110 kV PT	No	80	24664.22	1973137.60
47	110 kV LA	No	250	34220.00	8555000.00
48	Support structure for 110 kV LA	No	150	6586.76	988014.00
49	110kV SF6 CB	Set	75	513684.98	38526373.50
50	110 kV, 1200 A Bus Isolator with structure	Set	50	209363.82	10468191.00
51	110 kV, 800 A Bus Isolator with structure	Set	80	193943.88	15515510.40
52	110 kV, 800 A Line Isolator with E/S and structure	Set	40	230285.82	9211432.80
53	110 kV Feeder C&R panel	Set	40	564515.00	22580600.00
54	110/11 kV Transformer C&R panel	Set	30	527814.00	15834420.00
55	110/33 kV Transformer C&R panel (both sides)	Set	2	726526.00	1453052.00
56	110/11 kV, 12.5 MVA Transformer	No	25	20465744.00	511643600.00
57	110/11 kV, 20 MVA Transformer	No	15	27121014.00	406815210.00
58	110/33 kV, 16 MVA Transformer	No	2	20869221.00	41738442.00
59	220 kV CT, 1200/800/1-1-1-1 A	No	14	269832.22	3777651.08

SI No	Material Name	Unit	Quantity	AIR/Unit (Rs)	Total Amt (Rs)
60	220 kV CT, 600/300/1-1-1-1 A	No	2	274555.76	549111.52
61	Support structure for 220 kV CT	No	6	33537.13	201222.78
62	220 kV CVT	No	8	169725.30	1357802.40
63	Support structure for 220 kV CVT	No	6	20071.80	120430.80
64	220 kV LA	No	30	64777.28	1943318.40
65	Support structure for 220 kV LA	No	15	10663.66	159954.90
66	220 kV SF6 CB	Set	8	1198598.28	9588786.24
67	220 kV, 2000 A line Isolator with E/s & structure	Set	2	481681.90	963363.80
68	220 kV, 2000 A Bus Isolator with structure	Set	6	428581.90	2571491.40
69	220 kV Feeder C&R Panel	Set	4	795025.00	3180100.00
70	220/110kV, 100 MVA Transformer (3 phase unit)	No	2	85278115.00	170556230.00
71	Battery Charger, 15 A	No	6	114814.00	688884.00
72	Battery Charger, 30 A	No	20	128620.00	2572400.00
73	Battery Charger, 60 A	No	1	173224.00	173224.00
74	Battery, 100 AH (VRLA type)	Set	5	146984.00	734920.00
75	Battery, 200 AH (Tubular type)	Set	11	285440.00	3139840.00
76	Battery, 400 AH (Plante type)	Set	3	1691840.00	5075520.00
77	ACSR Conductor, Dog	km	80	82920.10	6633608.00
78	ACSR Conductor, Wolf	km	300	127121.40	38136420.00
79	ACSR Conductor, Kundah	km	30	350000.00	10500000.00
80	ACSR Conductor, Moose	km	5	378336.32	1891681.60
81	ACSR Conductor, Panther	km	55	110878.00	6098290.00
82	ACSR Conductor, HTLS	km	75	1371000.00	102825000.00
83	Earth Wire, 7/3.15 mm (7/10 SWG)	km	200	35400.00	7080000.00
84	Composite Insulators 220 kV, 120 KN (Tension)	No	1000	3450.55	3450550.00
85	Composite Insulators 220 kV, 90 KN (Suspension)	No	1000	3249.78	3249780.00
86	Composite Insulators 110 kV, 90 KN (Tension)	No	10000	1954.14	19541400.00
87	Composite Insulators 110 kV, 70 KN (Suspension)	No	7000	1954.14	13678980.00
88	33 kV Polymer Pin insulator	No	1400	814.20	1139880.00
89	33 kV Polymer Disc insulator	No	2900	814.20	2361180.00

SI No	Material Name	Unit	Quantity	AIR/Unit (Rs)	Total Amt (Rs)
90	Disc Insulators, 45 KN	No	100	163.39	16339.00
91	Disc Insulators, 70 KN	No	1000	424.80	424800.00
92	Disc Insulators, 90 KN	No	2000	587.64	1175280.00
93	Disc Insulators, 120 KN	No	750	607.70	455775.00
94	33 kV Pin insulator with pin	No	500	611.10	305550.00
95	Control Cable 2.5 sq.mm, 19 core	kM	30	520351.00	15610530.00
96	Control Cable 2.5 sq.mm, 12 core	kM	40	343151.00	13726040.00
97	Control Cable 2.5 sq.mm, 7 core	kM	15	214878.00	3223170.00
98	Control Cable 2.5 sq.mm, 4 core	kM	40	136880.00	5475200.00
99	Control Cable 2.5 sq.mm, 2 core	kM	40	87320.00	3492800.00
100	Control Cable 4 sq.mm, 19 core	kM	15	609059.00	9135885.00
101	Control Cable 4 sq.mm, 12 core	kM	15	521451.00	7821765.00
102	Control Cable 4 sq.mm, 4 core	kM	35	198004.00	6930140.00
103	Control Cable 4 sq.mm, 2 core	kM	10	120950.00	1209500.00
104	110 kV DC Tower - 'D3' type	Set	35	245436.48	8590276.80
105	Stub & Cleat for 'D3' type tower	Set	60	14840.35	890421.00
106	3m Extension for 'D3' type tower	Set	7	44045.38	308317.66
107	4.5m Extension for 'D3' type tower	Set	20	66401.03	1328020.60
108	110 kV DC Tower - 'D30' type	Set	40	347701.69	13908067.60
109	Stub & Cleat for 'D30' type tower	Set	40	33390.78	1335631.20
110	3m Extension for 'D30' type tower	Set	1	85807.64	85807.64
111	4.5m Extension for 'D30' type tower	Set	30	113205.20	3396156.00
112	110 kV DC Tower - 'D60' type	Set	19	488875.23	9288629.37
113	Stub & Cleat for 'D60' type tower	Set	19	58600.34	1113406.46
114	3m Extension for 'D60' type tower	Set	6	105880.16	635280.96
115	4.5m extension for 'D60' type tower	Set	18	146215.46	2631878.28
116	220 kV DC Tower - 'P' type	Set	3	390890.90	1172672.70
117	Stub & Cleat for 'P' type Tower	Set	3	18455.30	55365.90
118	220 kV DC Tower - 'Q' type	Set	40	556988.61	22279544.40
119	Stub & Cleat for 'Q' type Tower	Set	23	32886.59	756391.57
120	3m Extension for 'Q' type tower	Set	14	104738.59	1466340.26
121	6m Extension for 'Q' type tower	Set	10	187311.80	1873118.00
122	220 kV DC Tower - 'R' type	Set	6	659634.33	3957805.98
123	Stub & Cleat for 'R' type Tower	Set	3	37195.99	111587.97

SI No	Material Name	Unit	Quantity	AIR/Unit (Rs)	Total Amt (Rs)
124	3m Extension for 'R' type tower	Set	2	123764.68	247529.36
125	6m Extension for 'R' type tower	Set	2	225363.96	450727.92
126	220 kV DC Tower - 'S' type	Set	3	928948.55	2786845.65
127	Stub & Cleat for 'S' type Tower	Set	4	61454.25	245817.00
128	6m Extension for 'S' type tower	Set	2	287864.65	575729.30
129	110 kV MC Tower - 'M3' type	Set	2	787679.88	1575359.76
130	Stub & Cleat for 'M3' type tower	Set	2	22926.43	45852.86
131	9m Extension for 110 kV 'M3' type	Set	1	290706.20	290706.20
132	110 kV MC Tower - 'M30' type tower	Set	2	1229370.42	2458740.84
133	Stub & Cleat for 'M30' type tower	Set	2	59932.16	119864.33
134	110 kV MC Tower - 'M60' type tower	Set	1	1763242.33	1763242.33
135	Stub & Cleat for 'M60' type tower	Set	2	90564.16	181128.32
136	14m 'A' POLE	No	500	45231.37	22615685.00
137	Lattice Structure - A type	No	40	124520.00	4980800.00
138	Lattice Structure - B type	No	70	124520.00	8716400.00
139	Lattice Structure - C type	No	30	124520.00	3735600.00
140	1.8m Channel Cross Arm with clamp, bolt & nut	No	500	1319.24	659620.00
141	2.4m Channel Cross Arm with clamp, bolt & nut	No	140	2014.29	282000.60
142	3.15m Channel Cross Arm with clamp, bolt & nut	No	350	3135.65	1097477.50
143	33 kV V-Cross Arm with clamp, bolt & nut	No	450	1709.20	769140.00
144	MS rod 32mm dia	MT	200	62540.00	12508000.00
145	GI Strip	MT	40	60000.00	2400000.00
Total					2,33,56,79,234.00

(Rupees Two Hundred and Thirty Three Crore Fifty Six Lakh Seventy Nine Thousand Two Hundred and Thirty Four only)


Chief Engineer (SCM) & CSC


BO-[DB] No: 912) 2022 (KSB/sem/xm/ABCA) /2022-23/ Purchase Plan 23-24)
 dated, Thiruvananthapuram 21-11-22

Purchase Plan 2023-24 - Requirement of Generation Materials

Annexure-III

Sl. No.	Name of equipment	Unit	Qty	All Inclusive Rate (Rs.)	Total (Rs)
1	220 kV Bus Isolator with Earth Switch, 2500 A Without structure	Set	2	5,16,490.00	1032980
2	220 kV Line Isolator with Earth Switch, 2500 A Without structure	Set	2	4,30,000.00	860000
3	110 kV Bus Isolator (Double Break), 800 A Gang Operated With structure	Set	3	1,93,943.88	581831.64
4	110kV Bus Isolator (1600 Amp, Triple pole, Double Break, Gang operated) With structure	Set	2	2,24,016.00	448032
5	110kV line Isolator (1250 Amp, Triple pole, Double Break, Gang operated with earth switch) With structure	Set	2	2,24,016.00	448032
6	110kV line Isolator (3150 Amp, Triple pole, Double Break, Gang operated with earth switch) With structure	Set	1	2,60,000.00	260000
7	66kV , 1600A Bus Isolators With structure	Set	6	1,60,813.75	964882.5
8	33kV bus Isolators	No	2	71,019.48	142038.96
9	220kV Current transformer—800-400 /1 -1 -1 -1 -1 A – outdoor(Polymer) Without structure	No.	2	3,67,593.60	735187.2
10	220kV Current transformer 600-300/ 1 -1 -1 -1 -1 A – outdoor Without structure	No	2	2,74,555.76	549111.52
11	220 kV CT 2000/1-1-1-1-1 Without structure	No	1	3,87,641.00	387641
12	220 kV CT 1600/800/1-1-1-1-1 Without structure	No.	2	2,81,641.07	563282.14
13	110kV CT (1200/600/1-1-1-1-1) Without structure	No.	6	2,42,614.37	1455686.22
14	110kV CT (800/400/1-1-1-1-1) Without structure	No.	3	2,27,259.03	681777.09
15	110kV CT (600-/300 -150/1-1-1-1-1) Without structure	No	1	1,38,060.00	138060
16	110kV CT (400/200/100 /1-1-1-1-1) With structure	nos	6	1,78,978.00	1073868
17	110kV CT (400/200/100 /50/1-1-1-1-1) Without structure	No.	16	1,50,000.00	2400000
18	110kV Generator CT(250/1-1-1-1-1A)	No.	7	1,78,978.00	1252846
19	110kV CT (300/150/75/1-1-1-1-1) Without structure	No.	3	1,42,500.00	427500

20	110kV CT (100/1-1-1-1-1) Without structure	No.	3	1,30,864.80	392594.4
21	110 kv neutral CT	No	2	35,000.00	70000
22	66KV CT (600/300/150/75/1-1-1-1A) - outdoor Without structure	No.	4	81,890.82	327563.28
23	66 kV CT 400/200/100//1-1-1-1) Without structure	No.	10	80,828.82	808288.2
24	66 kV CT 200/100/50/1-1-1-1) Without structure	No.	8	89,325.00	714600
25	3.3 kV Current Transformer 500/1	No.	3	50,000.00	150000
26	33 kV Current Transformer 150/5-5-5	No.	6	30,000.00	180000
27	33 kV Current Transformer 400-200-100/1-1-1-1	No.	18	59,000.00	1062000
28	11 kV Outdoor CT (300/1-1-1-1)	No.	7	30,000.00	210000
29	11 kV CT (250/1-1-1-1)	No.	1	30,000.00	30000
30	Neutral CT with structure 33 kv	No	6	30,000.00	180000
31	220 kV CVT Without structure	No.	2	1,69,725.30	339450.6
32	110 kV PT Without structure	No.	9	1,08,927.24	980345.16
33	66 kV PT Without structure	No.	3	65,000.00	195000
34	33 kV PT	No.	19	31,801.00	604219
35	11 kV Outdoor PT	No.	7	32,000.00	224000
36	11kV PT	No.	1	32,000.00	32000
37	220kV PT	No.	6	3,12,110.00	1872660
38	110 KV bus PT	Set	2	1,10,000.00	220000
39	33 kV Potential Transformer with structure	No.	3	50,000.00	150000
40	33 kV, SF6 Circuit Breaker with structure(220 V DC)	No	3	2,24,000.00	672000
41	66 kV, 3150A SF6 Circuit Breaker with structure	No	1	4,21,494.82	421494.82
42	110kV, SF6 Circuit Breaker with structure 1250A	Set	2	5,13,685.00	1027370
43	220 kV Circuit Breaker 245 kV, 3150 A	Set	1	11,98,598.00	1198598
44	110 kV POST INSULATOR	Set	1	80,000.00	80000
45	220 kV Lightning Arrester Without structure	Set	5	64,777.00	323885
46	110 kV Polymer type lightning arrester Without structure	No	45	34,220.00	1539900
47	66KV LA Without structure	No	9	29,600.00	266400
48	33 kV Lightning Arrester Station Class -3	set	10	7,611.00	76110
49	22 KV station class LA	No	6	11,307.00	67842
50	11 kV Station Class Lightning Arrester POLYMER	Set	77	1,792.42	138016.34
51	3.3kV Lightning arrester		1	4,500.00	4500

52	110 KV 90 KN TENSION COMPOSITE POLYMER INSULATOR	SET	3	1,954.00	5862
53	110 V, 400 AH Battery Plante type		1	16,91,840.00	1691840
54	110 V, 200 AH Battery Plante type	Set	2	8,16,320.00	1632640
55	110V 30A Charger	No	1	1,28,620.00	128620
56	110V 45A Charger		1	1,30,000.00	130000
57	220 V, 250 AH Battery Plante type	Set	1	32,50,000.00	3250000
58	220V,60A Charger	No	1	4,00,000.00	400000
59	110 V,325 AH Battery Plante type	Set	1	14,00,000.00	1400000
60	Battery Charger - 110V, 60A dual float cum boost charger	No.	4	1,73,224.00	692896
61	Battery charger (24V -420A) (Custom made)	No.	1	8,00,000.00	800000
62	3*300sqmm XLPE UG Cable, 11kV	m	2500	1,092.68	2731700
63	11 kV, 300 Sq.mm 1 Core XLPE Cable	m	150	530.00	79500
64	1*240 sqmm xlpe copper Cable , LT	m	20000	300.00	6000000
65	3.5x75sq.mm XLPE Cable	m	500	65.00	32500
66	22 KV AB switch	No.	2	27,730.00	55460
67	11 kV 400 A AB Switch	No.	22	16,706.00	367532
68	11kV, 630 A AB Switch	No.	13	17,570.00	228410
69	12 kV VCB 630 A, Breaking capacity 26.2 KA	No.	1	4,75,000.00	475000
70	33 kV Outdoor VCB 800 A	No.	1	2,23,239.48	223239.48
71	11 kV Feeder Truck 1250 (Stelmec make)	No.	1	4,20,000.00	420000
72	11 kV Feeder Truck 630 (Stelmec make)	No.	1	4,00,000.00	400000
73	11 kV Feeder Truck 2000 (Alind make)	No.	1	4,20,000.00	420000
74	16Set 11kV Indoor switch gear panel (1250 A, with 2 incomers, Bus coupler, 13Nos. outgoing feeders	No.	1	65,00,000.00	6500000
75	10 PANEL Set 11kV Indoor switch gear panel, incomer 2000A, Feeder 630A SCADA compatible		1	89,09,631.00	8909631
76	5 Set 11kV Indoor switch gear panel, 650A		1	25,00,000.00	2500000
77	Larttice A TYPE		13	1,24,520.00	1618760
78	Larttice B TYPE		5	1,24,520.00	622600
79	Larttice C TYPE		2	1,24,520.00	249040
80	A pole 11M	No.	40	24,098.28	963931.2
81	PSC Pole 9m	No.	40	3,825.56	153022.4
82	PSC pole 8m	No.	75	2,579.38	193453.5
83	Channel cross arm with CBN 3 m		10	3,135.65	31356.5
84	Channel cross arm with CBN 2.4 m		50	2,014.29	100714.5
85	4 line cross arm with CBN	No.	90	662.43	59618.7
86	2 line cross arm with CBN	No.	70	351.70	24619
87	V cross arm with CBN	No.	35	1,333.82	46683.7

88	Pin insulator with Pin (HT) composite 33 kv		40	814.20	32568
89	Pin insulator with Pin (LT)	No.	400	71.40	28560
90	Pin insulator with Pin (HT) composite	No.	199	161.31	32100.69
91	Disc insulator 90kN	nos	45	587.64	26443.8
92	Shackle with CBN	No.	150	65.96	9894
93	Stay insulator HT	No.	70	55.14	3859.8
94	Stay insulator LT	No.	100	18.38	1838
95	HT Stay wire	kg	500	92.64	46320
96	LT Stay wire	kg	800	101.34	81072
97	DO fuse	set	3	1,100.78	3302.34
98	Earth pipe	No	40	1,194.78	47791.2
99	Packing clamp	No	350	32.84	11494
100	Service wire 4 mm2	m	1300	17.00	22100
101	Service wire 2.5mm2	m	2500	8.89	22225
102	LT stay rod	No.	150	281.96	42294
103	HT stay rod	No.	100	444.11	44411
104	12.5 MVA Transformer panel with OLTC	No.	2	7,00,000.00	1400000
105	22MVA Generator Transformer 11/110KV	No.	1	1,90,00,000.00	19000000
106	3MVA 11/11kV GT	No	1	50,00,000.00	5000000
107	160 kVA dist transformer	No	1	3,42,554.00	342554
108	ACSR Rabbit	km	27	46,891.00	1266057
109	ACSR Racocon	km	4	70,192.00	280768
110	ACSR KUNDAH	km	1	3,50,000.00	350000
111	HT ABC 3*125, 1*95	km	3	1,036.00	3108
112	11 kV Porcelain clad VCB Outdoor	No	1	5,00,000.00	500000
	GRAND TOTAL				101098983.9

(Rupees Ten Crore Ten Lakh Ninety Eight Thousand Nine Hundred and Eighty Four only)


 Chief Engineer (SCM) & CSC
