

**Abstract****Procurement of Distribution Materials for the Financial Year 2022-23-Approval for Revised Purchase Plan-Sanctioned-Orders Issued.****Corporate Office (Supply Chain Management)****B.O [DB]No: 621/2022(SCM/XM/AE(A)/PP-2022-23)Dated, Thiruvananthapuram dated 16/07/2022**

- Read: 1. BO(DB) No.278/2022 (KSEB/SCM/XM/AEEVR/2021-22/Purchase Plan 22-23) Dated Thiruvananthapuram 04.04.2022
2. Note No. KSEB/SCM/XM/AEEVR/2021-22/Purchase Plan 22-23/3298 dated 23.06.2022 of the Chief Engineer (SCM) to the Full Time Directors through Director (Distribution & SCM)
3. Note No. SCM/XM/AE(A)/PP-2022-23 dated 28.06.2022 of the Chairman and Managing Director (Agenda item No.20-6/2022)
4. Proceedings of the 65th meeting of the Board of Directors held on 29.6.2022 vide Agenda Item No. 20-6/2022

ORDER

The Director (Distribution & IT) proposed to put up a provisional Purchase Plan for 2022-23 during the preparation of Purchase Plan. This was provisional mainly because variation in the quantity of distribution materials was expected by the Distribution wing due to various factors like, the delay in the implementation of Dyuthi Project, Covid 19 pandemic related delays and due to the proposal for implementation of the newly envisaged Revamped Distribution Sector Scheme (RDSS) for which the quantum of work and the allotment expected are yet to be finalized. Also there is a possibility of rescheduling the works in the Dyuthi Scheme that can be included as part of the Central Project (like drawing ABC in high loss areas, replacement of old conductors, drawing additional HT lines to improve quality of supply and other distribution works for system strengthening etc). In these circumstance the Director (Distribution & IT) informed that it was not possible to furnish a realistic Purchase Plan for distribution materials for the Financial Year 2022-23. Hence provisional Purchase Plan need to be prepared for the Financial Year 2022-23 considering the same Purchase Plan approved for the Financial Year 2021-22. It was also directed that the Purchase plan shall take into consideration,

the quantity of LT ABC for providing service connection as decided vide Board Order dated 03.06.2021 and shall also included the reassessed quantity of ACSR conductors and UG Cables(11kV 3X300 Sqmm). Also it was suggested that the procurement of LT ABC for reconductoring single phase lines was to be included in the Purchase Plan 2022-23.

The sanction was accorded for the Provisional Distribution Purchase Plan for Financial Year 2022-23 with a total financial commitment of Rs 1184,87,15,491/- as per the Board Order read as 1st above.

Subsequently, the Director (Distribution & IT) furnished the requirement for distribution equipment and line materials for the Financial Year 2022-23 (Excluding RDSS). Many of the items included in the new proposal for purchase are not there in the Provisional Purchase Plan earlier approved. Also many items included in the Provisional Purchase Plan are not included in the proposed Purchase Plan. Moreover the items included in both the Provisional Purchase Plan and Proposed Purchases Plan have variations in the quantity.

The matter was placed before the Full Time Directors as per note read as 2nd above. The sanction was accorded by the Full Time Directors to place the revised purchase plan in the Director Board for approval. Accordingly the matter was placed before the Board of Directors as per note read as 3^d above. The Board expressed displeasure at the casual manner of preparing purchase plan of the company and directed to follow due diligence in preparing plan/proposal to be placed before the Board. The Board of Directors in the meeting held on 29.06.2022 examined the matter in detail and

1. Resolved to approve the Distribution Purchase Plan for the financial year 2022-23 (excluding RDSS) with a total financial commitment of Rs 1010,19,80,816/- (Rupees One thousand and Ten Crore Nineteen Lakh Eighty Thousand Eight Hundred and Sixteen only)
2. Resolved further to authorize the Chief Engineer (SCM) to proceed with the purchase of centrally procured items for the financial year 2022-23
3. Resolved also to convey the displeasure to the estimating officers.

Orders issued accordingly.

Annexure:- Revised Purchase Plan 2022-23 of Distribution Materials.

BY ORDER OF THE DIRECTOR BOARD

Sd/-

Company Secretary (in Charge)

To

The Chief Engineer (SCM)

Copy to:-

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

Forwarded/By Order


Assistant Engineer

PURCHASE PLAN FOR THE PROCUREMENT OF DISTRIBUTION EQUIPMENTS AND LINE MATERIALS FOR FINANCIAL YEAR 2022-23 (EXCLUDING RDSS)

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
1	Cable - ABC - HT 3x120 + 1x95 sq.mm - Insulated Messenger	meter	396944.000	39694.000	436638.000	1036.04	452374433.52
2	Cable - ABC - HT 3x150 + 1x120 sq.mm - Insulated Messenger	meter	137349.000	13735.000	151084.000	895.67	135321406.28
3	Accessories - HT ABC - MVT - 120 sq.mm	E	468.000	200.000	668.000	3561.84	2379309.12
4	Anchoring/Dead end clamp assembly for AB Cables 120 Sqmm	E	5235.000	524.000	5759.000	544.69	3136869.71
5	Anchoring/Dead end clamp assembly for AB Cables 150 Sqmm	E	1856.000	186.000	2042.000	571.07	1166124.94
6	Suspension Clamp Assembly for AB Cables 120 Sqmm	E	12383.000	1238.000	13621.000	374.42	5099974.82
7	Suspension Clamp Assembly for AB Cables 150 Sqmm	E	3786.000	379.000	4165.000	415.62	1731057.30
8	Suspension Clamp Assembly for AB Cables 70 Sqmm	E	63033.000	10000.000	73033.000	207.32	15141201.56
9	Suspension Clamp Assembly for AB Cables 50 Sqmm	E	3497.000	350.000	3847.000	281.89	1084430.83
10	Heat Shrinkable Termination Kit (3Nos) for 120 Sqmm Three Phase Aerial Bunched Cable	Set	2166.000	334.000	2500.000	2141.93	5354825.00
11	Termination Kit (3Nos) for HT ABC 150 Sqmm	Set	587.000	59.000	646.000	2096.79	1354526.34
12	Aerial Bunched Cable LT 3X50 + 1X35 + 1X16 Sqmm (Insulated Messenger)	meter	19090.000	1909.000	20999.000	233.64	4906206.36
13	Aerial Bunched Cable LT 3X70 + 1X50 + 1X16 Sqmm (Insulated Messenger)	meter	2218001.000	221801.000	2439802.000	436.60	1065217553.20

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
14	Aerial Bunched Cable LT 3X50 + 1X35 Sqmm (Insulated Messenger)	meter			34000.000	233.64	7943766.00
15	Aerial Bunched Cable LT 2X25 Sqmm (Insulated Messenger)	meter			333000.000	233.54	77802120.00
16	Anchoring/Dead end clamp assembly for AB Cables 35 Sqmm	E	149952.000	14995.000	164947.000	420.00	69277740.00
17	Anchoring/Dead end clamp assembly for AB Cables 50 Sqmm	E	2098.000	210.000	2308.000	321.36	741698.88
18	Anchoring/Dead end clamp assembly for AB Cables 70 Sqmm	E	82575.000	8258.000	90833.000	279.76	25411440.08
19	SS Strap for ABC Support at poles 20X0.7 mm	Meter	33361.000	33361.000	66722.000	41.55	2772299.10
20	Stainless Steel Buckle for ABC 20mm	E	56622.000	5662.000	62284.000	7.45	464015.60
21	Stainless Steel Buckle Slot width 20.5mmX1.5mm, Thickness 1.2mm	E	178951.000	17895.000	196846.000	7.45	1466502.70
22	Pre Insulated Midspan Joints and Terminal Lugs 16 Sqmm	E	4474.000	447.000	4921.000	90.07	443234.47
23	Pre Insulated Midspan Joints and Terminal Lugs 35 Sqmm	E	38.000	4.000	42.000	91.83	3856.86
24	Pre Insulated Midspan Joints and Terminal Lugs 50 Sqmm	E	386.000	39.000	425.000	91.83	39027.75
25	Pre Insulated Midspan Joints and Terminal Lugs 70 Sqmm	E	5135.000	514.000	5649.000	96.98	547840.62
26	Pre Insulated Midspan Joints and Terminal Lugs 95 Sqmm	E	16809.000	1681.000	18490.000	570.07	10540594.30
27	Insulation Piercing Connector(IPC) Main 16 Sqmm to 95 Sqmm; Tap: 4 Sqmm to 50 Sqmm	E	2986.000	500.000	3486.000	73.41	255907.26
28	Insulation Piercing Connector(IPC) Main 16 Sqmm to 95 Sqmm; Tap: 16 Sqmm to 95 Sqmm	E	509915.000	10085.000	520000.000	64.00	33748000.00

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-23 for deposit and maintenance work	Grand Total	Rate	Amount
29	Insulation Piercing Satellite Connector(IPC) Main 16 Sqmm to 95 Sqmm; Tap: 4 Sqmm to 35 Sqmm (4 way)	E	30704.000	1031.000	91735.000	336.30	30850460.50
30	Insulation Piercing Satellite Connector(IPC) Main 16 Sqmm to 95 Sqmm; Tap: 4 Sqmm to 50 Sqmm (4 way)	E	10214.000	276.000	10490.000	336.30	3527787.00
31	Satellite connector of ABC for Service Connection 50 Sqmm	E	652.000	650.000	1302.000	392.68	511269.36
32	End Cap for ABC 16 Sqmm	E	4474.000	447.000	4921.000	5.04	24801.84
33	End Cap for ABC 35 Sqmm	E	1700.000	170.000	1870.000	21.24	39718.80
34	End Cap for ABC-50 Sqmm	E	2048.000	205.000	2253.000	21.24	47853.72
35	End Cap for ABC 70 Sqmm	E	4902.000	490.000	5392.000	8.61	46425.12
36	End Cap for ABC 95 Sqmm	E	12607.000	1261.000	13868.000	21.24	294556.32
37	Bolt & Nut GI FT M 12X150 (6"X1/2")	kg	10782.000		10782.000	90.00	970380.00
38	Bolt & Nut GI FT M 16X75	kg	7318.000		7318.000	90.00	658623.00
39	Bolt & Nut GI HT 200mmX19mm	kg	19629.000		19629.000	90.00	1766610.00
40	Bolt & Nut GI HT 300mmX19mm	kg	5172.000		5172.000	90.00	465480.00
41	Bolt & Nut GI M 12 X 65(2 1/2" X 1/2")	kg	15769.000		15769.000	98.00	1545362.00
42	Bolt & Nut GI M 20 X 250(9 3/4" X 3/4")	kg	39978.000		39978.000	98.00	3917844.00
43	Bolt & Nut GI FT M 12 X 150 (6" X 1/2")	kg	7109.000		7109.000	90.00	639810.00
44	Cable 1.1KV PVC insulated AL Twin Core 2.5 Sqmm PVC Sheathed Weather Proof (TC Weather Proof Wire 1/1.8) with supporting insulated wire and cable tie	Meter			15000000.000	8.89	133350000.00

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for denoat and maintenance work	Grand Total	Rate	Amount
45	Cable 1.1kV PVC Insulated AL Twin Core 6 Sqmm PVC Sheathed Weather Proof (TC Weather Proof Wire 1/2.8) with supporting Insulated wire and cable tie	Meter			2000000.000	17.70	35400000.00
46	Cable 1.1kV XLPE AL 1c X 185 Sqmm (Unarmoured)	Meter		18000.000	18000.000	154.36	2773480.00
47	Cable 1.1kV XLPE AL 1c X 150 Sqmm (Unarmoured)	Meter		24000.000	24000.000	195.56	4693440.00
48	Cable 1.1kV XLPE AL 1c X 120 Sqmm (Unarmoured)	Meter	71267.000	155000.000	226267.000	118.61	26837528.87
49	Cable 1.1kV XLPE AL 1c X 95 Sqmm (Unarmoured)	Meter		98000.000	98000.000	116.82	11448360.00
50	Cable 11kV XLPE AL 3c X 185 Sqmm (Armoured)	Meter	38929.000		38929.000	750.00	29196750.00
51	Cable 11kV XLPE AL 3c X 300 Sqmm (Armoured)	Meter	42532.000	22000.000	64532.000	1137.51	92771648.52
52	Cable End Termination Kit 11kV XLPE 3X185 Sqmm (Out door)	E	199.000		199.000	1600.00	318400.00
53	Cable End Termination Kit 11kV XLPE 3X300 Sqmm (In door)	E		14.000	14.000	2335.00	32690.00
54	Cable End Termination Kit 11kV XLPE 3X300 Sqmm (Out door)	E	149.000	204.000	353.000	2505.64	884490.92
55	Cable 11kV Straight Joint Kit XLPE 3X185 Sqmm	E	112.000		112.000	4500.00	504000.00
56	Cable 11kV Straight Joint Kit XLPE 3X300 Sqmm	E	223.000	450.000	673.000	7770.88	5229802.24
57	Clamp GI for 11kV V Cross Arm	E	14942.000	5505.000	20447.000	217.02	4437407.94
58	Clamp GI for 8M Strut Pole (for Pole)	E	4136.000		4136.000	84.91	351187.76
59	Clamp GI for 8M Tubular Pole	E	1855.000		1855.000	84.91	157508.05
60	Clamp GI for 9M Strut Pole (for Pole)	E	2299.000	9713.000	12012.000	92.61	1112431.32

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
61	Clamp GI for HT Cross Arm	E	11894.000	20899.000	32793.000	187.15	6137209.95
62	Clamp GI for HT Stay with Bolt & Nut Set	Set	23838.000		23838.000	92.61	2207637.18
63	Clamp GI for LT 2 Pin/4 Pin Cross arm for Angular Location	E	64985.000	96893.000	161878.000	109.74	17764491.72
64	Clamp GI for LT stay for Angular Location	E	41540.000	64214.000	105754.000	84.91	8979572.14
65	Conductor ACSR Dog	Meter	3.000	20000.000	20003.000	82.9201	1658650.75
66	Conductor ACSR Rabbit	Meter	11504596.000	14555000.000	26059596.000	46.37	1208383466.52
67	Conductor ACSR Raccoon	Meter	1404072.000	1189000.000	2593072.000	59.263	153673225.94
68	Copper Wire, Multistranded, Flexible	Meter	280.000		280.000	16.27	4555.60
69	Covered Conductor for 11kV	Meter	580514.000		580514.000	375.000	217692750.00
70	Crimping Socket 95 Sqmm (Aluminium)	E	1296.000	51353.000	52649.000	19.47	1025076.03
71	Crimping Socket 120 Sqmm (Aluminium)	E	13927.000	94160.000	108087.000	23.01	2487081.87
72	Crimping Socket 150 Sqmm (Aluminium)	E		48989.000	48989.000	24.19	1185043.91
73	Crimping Socket 185 Sqmm (Aluminium)	E		14064.000	14064.000	34.81	489567.84
74	Cross Arm 2 Line Set (With Clamp Bolt & Nut)	Set	34720.000	85000.000	119720.000	350.51	41963057.20
75	Cross Arm GI Channel 75X40X6mm 2.4M GI With CBN	E	7109.000	7199.000	14308.000	1759.90	25180649.20
76	Cross Arm GI Channel 75X40X6mm 1.8M GI With CBN	E	9297.000	12294.000	21591.000	1311.09	28307744.19
77	Channel Cross Arm GI 75X40X6mm 1.11mt With CBN(4 Line Cross Arm)	Set	44148.000	94478.000	138626.000	767.51	106396841.26
78	Channel Cross Arm GI 75X40X6mm 2 Line GI With CBN	E		87028.000	87028.000	462.33	40235655.24

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
79	Cross Arm GI Channel 100X50mm 2.4M	E		116.000	116.000	1709.20	198267.70
80	Cross Arm GI Channel 100X50mm 3.0M	E	16498.000	12338.000	28836.000	2749.83	79294097.88
81	Fault Pass Indicator with Communication facility 11kV (CFPD)	E	1549.000	1500.000	16549.000	14434.37	238874389.13
82	Fault Pass Indicator with Communication facility 33kV (CFPD)	E		2000.000	2000.000	14517.23	29034460.00
83	CT PT Unit - 11 kV/110V 100 -200/5 A, 10 VA (for 4 wire metering)	E	7.000	5.000	12.000	62773.62	753285.64
84	CT PT Unit 11kV Class 0.5 50VA 400/5A	E	12.000	15.000	27.000	32818.00	886086.00
85	CT Resin Cast 0.415kV 10VA Class 0.5 100/5A	E		681.000	681.000	1109.20	755365.20
86	CT Resin Cast 0.415kV 10VA Class 0.5 150/5A	E		2304.000	2304.000	594.37	1369428.43
87	CT Resin Cast 0.415kV 10VA Class 0.5 200/5A	E	3806.000	773.000	4379.000	767.91	3362677.00
88	CT Resin Cast 0.415kV 15VA Class 0.5 300/5A	E	78.000	1197.000	1273.000	452.00	575396.00
89	CT Resin Cast 0.415kV 15VA Class 0.5 400/5A	E	76.000	449.000	525.000	452.00	237300.00
90	EM 1X230V Class 1.0 5-30A Static LCD with ToD	E			450000.000	515.66	232047000.00
91	EM 3X230V Class 1.0, 10-60A, Static LCD Display with ToD facility	E			40000.000	1338.71	53548400.00
92	Meter box for Distribution Transformers With Clips(FRP)	E	923.000	77.000	1000.000	2953.00	2953000.00
93	Distribution Box 415V 200A 2 Way With incoming Isolator & 125A SP MCCB	E	8.000	30.000	38.000	60685.00	2306030.00
94	Distribution Box LT Outdoor 2 Way 100A (With MCCBs) SMC	E	10.000	5.000	15.000	34196.40	512946.00
95	Distribution Box LT Outdoor 3 Way 200A	E	42.000	50.000	92.000	22488.29	2068922.68
96	Distribution Box LT Outdoor 3 Way 200A (With MCCBs) SMC	E	79.000	20.000	99.000	39530.00	3913470.00

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
97	Distribution Transformer 3 Phase 100kVA 22kV/433 V ONAN	E		3.000	3.000	236895.62	710686.86
98	Distribution Transformer 3 Phase 160kVA 22kV/433 V ONAN	E		5.000	5.000	429944.80	2149724.00
99	Distribution Transformer 3 Phase 25kVA 11kV/433 V ONAN	E	9.000		9.000	65152.28	586370.52
100	Distribution Transformer 3 Phase 63kVA 11kV/433 V ONAN	E	3.000		3.000	113071.00	339213.00
101	Distribution Transformer 3 Phase 100kVA 11kV/433 V ONAN	E	585.000	803.000	1388.000	146666.10	203375322.60
102	Distribution Transformer 3 Phase 160kVA 11kV/433 V ONAN	E	198.000	305.000	503.000	208214.38	104731833.14
103	Distribution Transformer 3 Phase 250kVA 11kV/433 V ONAN	E	43.000	80.000	123.000	314706.00	38708838.00
104	Distribution Transformer 3 Phase 315kVA 11kV/433 V ONAN	E	3.000		3.000	300000.00	900000.00
105	Distribution Transformer 3 Phase 500kVA 11kV/433 V ONAN (3 Star rated)	E	1.000	10.000	11.000	596057.04	6578627.44
106	Transformer Oil	Litre		26900.000	26900.000	41.67	1120923.00
107	Breather for Distribution Transformer	E		3427.000	3427.000	424.80	1455789.60
108	Fuse Drop Out 11kV	E	3103.000	5591.000	8694.000	1144.61	9951239.34
109	Fuse Drop Out 22kV	E		25.000	25.000	1410.00	35250.00
110	Fuse Unit 415V 100A Porcelain	E	2942.000	28194.000	31136.000	524.38	16327095.68
111	Fuse Unit 415V 200A Porcelain	E	3082.000	27011.000	30093.000	990.17	29797185.81
112	Fuse Unit 415V 300A Porcelain	E		2668.000	2668.000	1223.90	3265365.20
113	Fuse Wire 200A	kg	43.000	40.000	83.000	1348.74	111945.42
114	GI Wire 4MM (8 SWG)	kg	138948.000	69234.000	208182.000	93.23	19408807.86
115	GI Wire 6MM dia (4 SWG)	kg	69754.000	19732.000	89486.000	111.64	9990217.04
116	Disc Insulator 11kV Composite Polymeric	E	30417.000	27558.000	57975.000	162.64	9440649.00

Sl. No.	Item Name	Unit	Quantity as per Samagri for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
117	Hardware Fittings 11kV B&S Type	E	30309.000	27013.000	57322.000	230.33	13202976.26
118	Cleat GI for 11KV Disc Insulator	E	30309.000	15000.000	45309.000	120.58	5463359.22
119	Composite Pin Insulator 33kV With Pin	Set			1000.000	684.40	684300.00
120	Pin Insulator 22kV Composite Polymeric	E	92.000	28.000	120.000	395.00	47400.00
121	Composite Pin Insulator 11kV With Pin	Set	42589.000	46045.000	88634.000	156.23	13847289.62
122	Pin Insulator 415V Set (With Pin & Packing Clamp)	Set	157851.000	274034.000	431885.000	105.16	45417026.60
123	LT Shackle Insulator Hardware GI (GI Strap with B&N)	Set	42239.000	322490.000	364729.000	65.00	23707385.00
124	Helically formed Guy- Grip LT	E	207700.000	385284.000	592984.000	124.57	73868016.88
125	Helically formed Guy- Grip HT	E		67991.000	67991.000	138.06	9386837.46
126	Pole Top Bracket -F Type GI-11kV	E	11457.000	23200.000	34657.000	156.97	5440109.29
127	V Cross Arm GI 11kV	E	18285.000	26412.000	44697.000	1174.73	52506906.81
128	Lightning Arrester 9kV, 10kA (Station Class) composite Polymer Housing	E	900.000	125.000	1025.000	2127.42	2180605.50
129	Lightning Arrester 9kV, 5kA	E	5103.000	11871.000	14974.000	430.86	6451697.64
130	Pipe GI 40mm Dia -2.5 m Length (Class B)	E	11251.000	12261.000	23512.000	1218.17	28641613.04
131	Pipe HDPE 110mm for Cable Protection	Meter	37162.000	3716.000	40878.000	514.48	21030913.44
132	Pole A Type 11M	E			28958.000	18688.33	546968260.14
133	Pole A Type 12M	E			13396.000	21013.87	281501802.52
134	Pole A Type 13M	E			2952.000	31220.37	92162532.24
135	Pole A Type 14M	E			1129.000	48035.52	54254682.08

Sl. No.	Item Name	Unit	Quantity as per Saindra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
136	Pole Lattice Structure GI (C Type) 14M	E	1.000		1.000	124520.12	124520.12
137	PSC Pole 8M / 200kg	E			800000.000	3026.00	2420800000.00
138	PSC Pole 9M / 200kg	E	29712.000	33724.000	62436.000	3624.00	225643704.00
139	Pole Tubular GI 8M	E	1853.000		1853.000	17500.00	32427500.00
140	Poly Carbonate Seal	E	14.000	99986.000	100000.000	5.04	504000.00
141	RMU 11KV 630A Bus Coupler (B/C) or S	E	1.000		1.000	286360.00	286360.00
142	RMU 11KV 630A CCC(E)-(CCC+) or (RRR+)	E	44.000	2.000	46.000	316631.75	14565060.96
143	RMU 11KV 630A C(E)+DA-(C+DA) or (R+DA)	E	41.000	2.000	43.000	297950.00	12811850.00
144	RMU 11KV 630A C(E)+DA-(CCV+DA) or (RRL+DA)	E	64.000	3.000	67.000	387653.60	25972791.20
145	Stay Insulator Porcelain 11KV	E	25325.000	38446.000	63771.000	53.35	3402182.85
146	Stay Insulator Porcelain 415/240V	E	42214.000	141931.000	184145.000	17.85	3266988.25
147	Stay Rod (Anchor Rod) GI 16mm dia (LT Stay Rod)	E	41540.000	131999.000	173539.000	282.13	48960558.07
148	Stay Rod (Anchor Rod) GI 20mm dia (HT Stay Rod)	E	23838.000	39880.000	63718.000	444.47	28320739.46
149	Stay Tightner HT	E	20416.000	39880.000	60496.000	483.36	29241346.56
150	Stay Tightner LT	E	41399.000	142091.000	183490.000	416.09	76348354.10
151	Stay Wire 7/10(7/3.15mm) GI (HT Stay Wire)	kg	122163.000	881052.000	1003215.000	92.39	92687033.85
152	Stay Wire 7/12(7/2.5mm) GI (LT Stay Wire)	kg	168856.000	11440.000	180296.000	100.17	18060250.32
153	Thimble GI 75mm X 22mm X 43mm, 1.5mm Thickness (HT)	E	65378.000	38852.000	104230.000	37.76	3935724.90
154	Thimble GI 75mm X 22mm X 40mm, 1.5mm Thickness (LT)	E		256856.000	256856.000	30.09	7728797.04

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
155	Anchor Plate 200X200X6mm GI (LT Stay Plate GI)	E	41540.000	30000.000	71540.000	91.87	20880379.80
156	Anchor Plate 300X300X8mm GI (HT Stay Plate GI)	E	19129.000	10500.000	29629.000	647.00	19169963.00
157	Back Plate for AB Switch	E		1608.000	1608.000	307.86	495033.63
158	Belt for AB Switch 400 A	E		1135.000	1135.000	590.00	669650.00
159	Brass Strip 140x35x4 mm	kg		578.000	578.000	1446.45	836048.10
160	Brass Strip 160x50x5 mm	kg		121.000	121.000	977.71	116302.91
161	Miscellaneous- Cable Tray-Perforated -300X40X6mm-1.5M -GI	E		500.000	500.000	1210.68	605340.00
162	Miscellaneous- Cable Tray-Perforated -300X40X6mm-2.5M -GI	E		1000.000	1000.000	1633.12	1633120.00
163	Miscellaneous- Covering Cab-RCC-for Earth Pit	E		4539.000	4539.000	988.84	4488344.76
164	PVC Pipe -315mm	Meter		1000.000	1000.000	1333.40	1333400.00
165	Air Break Switch (AB Switch) 11kV, 400A Composite Polymer	E	3643.000	3185.000	6828.000	15849.82	108222570.96
166	Air Break Switch (AB Switch) 22kV, 400A Composite Polymer Housing (Double Break)	E	22.000	32.000	54.000	27730.00	1497420.00
167	Female Contact for AB Switch 11KV 400A	E		2957.000	2957.000	603.32	1784017.24
168	Male Contact for AB Switch 11KV 400A	E		2517.000	2517.000	659.09	1658979.53
169	Male and Female Contact Set for AB Switch 11KV 400A	Set		3826.000	3826.000	1605.82	6143867.32
170	Flexible Belt for AB Switch Copper 11KV 400A	E		2571.000	2571.000	583.71	1500718.41
171	Pantograph for AB Switch 11kV	E		1992.000	1992.000	190.74	379954.08
172	PG Clamp for AB Switch 400A	E		1026.000	1026.000	155.24	159276.24
173	Support Insulator for AB Switch 11KV	E		509.000	509.000	413.00	210217.00

Sl. No.	Item Name	Unit	Quantity as per Samagra for Dyuthi 2.0	Qty as per PP 20-21 for deposit and maintenance work	Grand Total	Rate	Amount
174	T Clamp for AB Switch	E		377.000	377.000	89.75	33835.75
175	Terminal Connector for AB Switch 11kV 400A	E		2152.000	2152.000	165.70	356566.40
176	2 LineSpacer	E			4800510.000	33.89	162689283.90
177	4 LineSpacer	E			3200240.000	46.51	148847813.40
178	Eye Bolt for AB Switch 10mm dia -300 mm with Nut	E		3500.000	3500.000	60.00	210000.00
	Total						10101980816.24

Total Amount - 1010,19,80,816/- (Rupees One thousand and ten Crore nineteen Lakh eighty Thousand Eight Hundred and sixteen only)


Chief Engineer (SC-1)