

**KSEB**  
കേരളാ വൈദ്യുത ബോർഡ്



**KERALA STATE ELECTRICITY BOARD LIMITED**

(Incorporated under the Indian Companies Act, 1956)

Reg. Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram - 695 004,  
CIN :U40100KL2011SGC027424, website: www.kseb.in

**Corporate Office (Audit)**

5<sup>th</sup> Floor, Vidyuthi Bhavanam, Pattom, Thiruvananthapuram - 695 004,  
Phone No. : 0471-2448584; 2514485, Fax : 0471-2448584  
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No.CIA/PPA CELL/TRASMN.COST DATA/2019-20

**CERTIFICATE**

This is to certify that the list of Cost Data for the First half year-2019-20 which contains 412 items of transmission materials, forwarded by the Chief Engineer (SCM), vide Lr. No. XD/AE2/Transmission cost Data/2021-22/728 dtd 04.02.2022 has been verified with the records made available in the Office of the Chief Engineer (SCM) and it is prepared according to the directions as envisaged in the Board Order (FM) No.1748/2011(KSE Board/TRAC/S.CODE/SCC/R2/09), dated, 13.07.2011 and circular No. KSE Board/TRAC/S CODE/SCC/R2/09/502, dated, 13.07.2011. Further, the cost as per previous cost data will prevail for those materials for which no purchases were seen effected during the period and have included in the current cost data.

Thiruvananthapuram  
15.02.2022

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*15/2/2022*  
CHIEF INTERNAL AUDITOR

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Cost data of transmission materials for the second half year 2019 -20, based on weighted average procurement cost from 1st April 2019 to 30 September 2019

Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
1	400kV SF <sub>6</sub> Circuit Breaker	no.	27,88,078.00	8.3.2016
2	220kV SF <sub>6</sub> Circuit Breaker	no	1181180.00	22.08.19
3	Single pole 220kV Siemens make Circuit Breaker		893850.00	28.11.2018
4	110kV SF <sub>6</sub> Circuit Breaker with structure	no	518020.00	14.9.2018
5	110kV SF <sub>6</sub> Circuit Breaker	no	489419.16	22.8.19
6	66kV SF <sub>6</sub> Circuit Breaker with structure	no.	419763.00	22.12.2016
7	11kV SF <sub>6</sub> Circuit Breaker with density switch	no.	379668.00	12.1.2012
8	SF <sub>6</sub> gas	kg	1912	25.5.2019
9	33kV VCB with Structure (outdoor)	nos	233050.00	28.01.2019
10	Silica Gel (Blue)	kg	212.40	21.03.2018
11	11kV Potential Transformer	no.	31270.00	30.05.2019
12	11kV Outdoor Potential Transformer with supporting structure	no.	42903.60	10.11.2017
13	33kV Potential Transformer	no	25960.00	29.8.19
14	33kV Potential Transformer with Supporting Structure	no.	36655.52	20.10.2017
15	66kV Potential Transformer	no.	62429.00	3.9.2018
16	66kV Potential Transformer with Supporting Structure	no	70894.00	27.3.2017
17	110kV Potential Transformer	no	102660.00	10.12.2018
18	Supporting Structure for 110kV Potential Transformer	no	18172.00	10.12.2018
19	Potential Transformer class 0.2, 220kV/3/10V/3, 60VA	no.	931020.00	27.02.2018
20	400kV Capacitor Voltage Transformer		2,76,651.00	23.1.2016
21	220kV Capacitor Voltage Transformer with structure	no.	206948.00	20.10.2014
22	220kV Capacitor Voltage Transformer	no	145966.00	14.12.2018
23	110kV Capacitor Voltage Transformer with structure	no.	155052.00	28.3.2018
24	110kV Capacitor Voltage Transformer	no	119911.00	14.12.2018
25	Supporting Structure for 110kV Capacitor Voltage Transformer	no	20956.00	14.12.2018
26	66kV Capacitor Voltage Transformer with out structure	no.	1,21,471.00	27.3.2017
27	110kV OD Vaccum Circuit Breaker	no.	109757.71	9.1.2018
28	33kV Vaccum Circuit Breaker	no.	208771.50	13.9.2018
29	Schneider make 11kV 1250A Vacuum Circuit breaker	no.	385624.00	18.7.2017
30	Megawin make Vacuum Circuit Breaker 11kV, 400A	no.	170000.00	26.7.2017

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Kerala State Electricity Board Limited  
Vidyuthi Bhavanam, Pattom  
Thiruvananthapuram - 695 004

Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
31	11kV Outdoor Vacuum Circuit Breaker	no.	374338.00	19.7.2017
32	11kV Vacuum Circuit Breaker 800A with structure	no.	152432.00	21.12.2017
33	11kV Vacuum Circuit Breaker panel (ALSTOM) make	no.	652806.00	12.6.2017
34	11kV VCB Truck (feeder assembly)	no.	321786.00	24.7.2018
35	11kV 400A VCB outgoing Truck	no	218300.00	18.7.2018
36	11kV VCB	no.	498800.00	28.7.2017
37	12kV, 50Hz, 630A Outdoor VCB KIOSK	no	379252.00	23.07.2018
38	11kV VCB feeder panel	no	704000	29.11.2017
39	11kV VCB with supporting structure	no	109757.72	30.7.2018
40	11kV, 1250A, 25kA Outdoor type VCB with supporting structure	no	371392.00	3.1.2018
41	11kV Out going feeder panel	no	674580.50	22.9.2018
42	11kV,16kA,630AOutdoor Toproot bushing kiosk VCB panel	No	385344.00	21.11.18
43	LV Panel Board 250A Incomer SFU, 11Nos, 32A SFU and 1 no 160A SFU outgoing metering, TPN Aluminium bus bar (indoor type)	set	1138532.00	29.11.2017
44	12x4mm <sup>2</sup> Control Cable	km	401699.38	26.09.2019
45	19x4 mm <sup>2</sup> control cable	km	609059.30	26.09.2019
46	2x4 mm <sup>2</sup> control cable	km	103367.06	26.09.2019
47	2x2.5mm <sup>2</sup> Control Cable	km	75718.24	26.09.2019
48	4x2.5mm <sup>2</sup> Control Cable	km	116731.20	20.09.2019
49	6x2.5mm <sup>2</sup> Control Cable	Km	1,53,849.00	7.1.2014
50	7x2.5mm <sup>2</sup> Control Cable	km	175919.12	26.09.2019
51	10x2.5mm <sup>2</sup> Control Cable	Km	2,29,572.00	7.1.2014
52	12x2.5mm <sup>2</sup> Control Cable	km	267136.90	26.09.2019
53	19x2.5mm <sup>2</sup> Control Cable	km	400828.00	26.09.2019
54	4x4mm <sup>2</sup> Control Cable	km	167071.01	26.09.2019
55	11kV,3x300 mm <sup>2</sup> XLPE UG cable	km	1287417.38	30.07.2019
56	11kV,1x500 mm <sup>2</sup> XLPE UG cable	km	623040.00	03.07.2019
57	33kV,3x300 mm <sup>2</sup> XLPE UG cable	km	2080930.00	27.05.2019
58	110kV, 1x400 mm <sup>2</sup> XLPE UG cable	Km	34,48,610.00	5.7.2014
59	110kV, 1x500mm <sup>2</sup> XLPE Aluminium cable	m	2762.00	2.12.2015
60	400kV Lightning Arrestor	no.	1,28,264.00	26.10.2015
61	220kV Lightning Arrestor with structure	no.	44962.00	26.10.2015
62	110kV Lightning Arrestor without structure	no.	28737.48	26.8.2017
63	110kV Polymer type LA	no	61360	2.2.2019
64	108kV,10kA,class-2 hanging type Transmission Line Surge Arrestor with disconnector and surge counter	no	75402	3.12.2018

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
65	96kV, 10kA class 3 polymeric type surge arrester with surge counter and leakage monitor	set	61242.00	27.09.2018
66	33kV Porcelain housed outdoor surge arrester	no	11051.88	19.10.2017
67	30kV, 10KA metal oxide gapless station class-II Polymeric Lightning Arrester with surge monitor and insulating base	no	11198.00	24.7.2017
68	96kV, 10KA station class-III Polymeric Lightning Arrester with surge monitor and insulating base	no	68475.00	28.3.2018
69	220kV Lightning Arrester	no	52038	23.10.2018
70	110kV Lightning Arrester	no	32084	1.11.18
71	Supporting structure of 110kV Lightning Arrester	no.	7784.46	23.10.2018
72	110kV LA with supporting structure	no	35213	1.11.2018
73	66kV Lightning Arrester	no.	20687.76	23.10.2018
74	Supporting structure of 66kV Lightning Arrester	no.	7354.00	23.10.2018
75	66kV Lightning Arrester with structure	no.	25452.60	26.8.2017
76	33kV Lightning Arrester	no	8660.02	3.7.2019
77	Supporting structure of 33kV Lightning Arrester	no	7699.50	3.7.2019
78	22kV Lightning Arrester	no.	11307.00	30.1.2017
79	11kV Lightning Arrester	no	3658.00	7.8.2019
80	11kV Lightning Arrester structure	no	1961.16	03.07.2019
81	Surge counters with leakage current monitor for lightning arrester	no	1062000.00	22.05.2018
82	228kV, 10KA hanging type Transmission line surge arrester with disconnecter	set	83308.00	11.12.2017
83	160KN Disc Insulator	no.	775.00	3.3.2017
84	120KN Disc Insulator (ceramic)	no.	619.5	5.11.2018
85	90KN Disc Insulator(porcelain)	no.	474.36	5.11.2018
86	70KN Disc Insulator (ceramic)	no.	424.8	5.11.2018
87	45KN Disc Insulator (composite polymer)	no	134.72	28.05.2019
88	220kV, 120KN silicon rubber housed composite polymer insulator	no.	3846.80	27.10.2018
89	220kV, 120KN polymer insulator	no	3524.66	30.10.2017
90	220kV, 90KN silicon rubber housed composite polymer insulator (suspension type)	no.	3380.7	27.10.2018
91	220kV, 120KN tension composite polymer insulator		3847	5.4.2018
92	110kV, 90KN silicon rubber housed composite polymer insulator	no.	2677.42	15.1.2019
93	110kV, 90KN polymer insulator	no	2042.74	19.10.2017
94	110kV, 90KN tension composite polymer insulator	no.	2047.3	27.10.2018
95	110kV, 70kN composite polymer Disc Insulator(suspension type)	no	2002.46	27.10.2018

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
96	110kV, 70KN silicon rubber housed composite polymer insulator	no.	2339.00	21.5.2016
97	66kV Silicon rubber composite insulator (Polymer insulator)	no	1740.50	20.7.2018
98	66kV support insulator	no	77880.00	6.11.2017
	RELAYS			
99	Control Relay 10A (4 NO + ONC)	no	955.8	3.8.2018
100	Over current & high sensitive Earth fault Numerical Relay for feeder panel	no	22420.00	25.9.2019
101	Sensitive Earth fault relay(Numerical)	no	21830	27.6.2019
102	Panel mounting MICOM P442 Distance relay	no	162250.00	8.3.2018
103	Numerical distance relay	no	241900.00	08.07.2019
104	Bucholz relay for 12.5MVA, 110/11kV Transformer	no	16000.00	28.3.2018
105	Transformer protection relay for 200MVA Transformer	no	177920.00	15.11.2017
106	Differential Relay	no	115200.00	20.10.2017
107	Numerical Transformer Differential Relay	no	248800.00	13.3.2018
108	Master trip Relay	no	3200.00	20.10.2017
109	REF Relay	no	5760.00	20.10.2017
110	Distance protection Relay	set	162250	24.6.2019
111	110kV capacitor bank control & protection relay		271400	28.3.2019
112	220kV/110kV, 160MVA transformer C&R panel with transfer bus facility	no.	10,14,506.00	5.11.2016
113	220/110kV,100MVA transformer control & relay panel (HV & LV side)	sets	840302.00	31.12.2018
114	11kV Busbar of 110/11kV, 20 MVA Transformer	sets	136252.00	23.05.2018
115	110/11kV transformer control & relay panel (primary side only)	nos.	502680.00	15.01.2019
116	110/66kV transformer control and relay panel	sets	3,97,000.00	4.7.2011
117	110/33 kV,16MVA transformer control and relay panel (HV & LV side)	nos.	638468.00	15.01.2019
118	66/33kV,16MVA transformer control & relay panel	sets	5,92,736.00	22.1.2014
119	66kV/11kV transformer control & relay panel	nos.	469515.00	31.12.2018
120	33kV/11kV transformer control & relay panel	nos.	258420.00	15.01.2019
121	66kV/11kV transformer control & relay panel (primary side)	sets	469515.00	27.7.2018
122	33kV/11kV transformer control & relay panel (primary side)	sets	285135.00	27.7.2018
123	33kV IVCB 3 Panel set 2000A with spares	sets	3274196.00	9.01.2019
124	220kV feeder control & relay panel	no.	841635.00	6.10.2018
125	220kV Bus coupler panel	no.	2,14,993.00	13.8.2008

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
126	110kV feeder control & relay panel	nos.	494619.00	15.01.2019
127	110kV cable feeder control & relay panel with current differential relay	set	1126900.00	9.5.2019
128	66kV feeder control & relay panel	sets	440140.00	27.7.2018
129	33kV feeder control & relay panel	nos.	231280.00	15.01.2019
130	33kV 3 panel set	sets	3162400.00	9.2.2018
131	33kV 4 panel set	sets	24,84,257.00	31.8.2013
132	LT Panel	no	160734	29.11.2018
133	LT Distribution panel	no	242176.00	13.10.2017
134	DC Distribution panel Board	set	178000.00	9.7.2018
135	11kV 10 panel set with spares suitable for transformer of capacity upto 16MVA(1250A)	sets	4728109.00	1.01.2019
136	11kV 10 panel set with spares suitable for transformer of capacity for 16 MVA & 20MVA (2000A)	sets	5231404.00	1.01.2019
137	220kV bus bar protection panel for double bus with bus coupler and 8 bays	no.	2166480.00	16.11.2015
138	220kV bus bar protection panel for double bus with bus coupler and 6 bays	no.	19,68,122.00	16.11.2015
139	220kV bus bar protection panel for single bus with bus Isolator and 6 bays	no.	13,36,989.00	16.11.2015
140	11kV Incomer outdoor cubicle	no.	2,69,689.00	20.12.2010
141	11kV, 800 A AB switch	no.	23625.00	27.1.2016
142	11kV, 630 A AB switch	no.	16366.60	23.10.2017
143	11kV, 630 A Station class AB switch	no.	17570.20	01.01.2019
144	33kV Polymer type Pin with Insulator	no	444.00	20.12.2017
145	33kV Pin Insulator with pin	sets	611.00	20.8.2018
146	11kV Polymer pin insulator with pin	no	179.36	7.9.2019
147	110V, 100 AH, VRLA battery	sets	107328.00	8.8.2018
148	2V, 100 AH, VRLA type CELL	no	3584.00	21.12.2017
149	110V, 200 AH, VRLA battery	sets	97768.00	5.2.2011
150	100 AH, tubular lead acid battery	sets	231680.00	6.9.2018
151	200 AH, tubular lead acid battery	sets	278784.00	12.2.2018
152	220V, 200AH Plante type station battery	no	1843380.00	3.9.2019
153	110V,100 AH plante type battery	sets	462336.00	20.09.2019
154	110V,200 AH plante type battery	sets	811250.00	26.9.2017

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
155	110V,400 AH plante type battery	sets	1210880.00	8.8.2018
156	110V, 200AH Tubular battery	set	274461.00	8.2.2018
157	15A Battery charger	no.	105138.00	19.9.2018
158	30A Battery charger	no.	115876.00	19.9.2018
159	60A Battery charger	no.	161424.00	19.9.2018
160	ACSR Wolf	Km	123487	28.1.2019
161	ACSR Dog	km	70634.80	21.8.2019
162	ACSR Moose	Km	391840.00	25.4.2017
163	ACSR Kundah	Km	2,00,235.00	4.2.2017
164	ACSR Lynx	km	151040.00	16.1.2018
165	220kV rigid type spacers for ACSR triple Bersimis Conductor	nos	1104.48	8.5.2018
166	Die set for ACSR Kundah (Al + Steel)	no	15340.00	24.04.2018
167	G.I Earth strip 50 x 6mm	kg	71.00	15.5.2019
168	G.I Earth wire (7/3.15 mm dia)	km	45923.24	27.05.2019
169	G.I Earth wire (7/3.66 mm dia)	km	62537.64	27.05.2019
170	G.I. Earth Pipe 50mm dia, 3.48mm thick, 3m long	nos	918.75	20.03.2018
171	G.I. Earth Pipe 40mm dia, 2.5m long	nos	687.75	21.10.2017
172	G.I. Earth Pipe 60mm dia, 4mm thick, 3m long with C clamp	nos	4050.00	29.05.2018
173	G.I. Earth Pipe 30mm dia, 3m long	nos	3363.00	3.11.2018
174	G.I Earthpipe,50mm outer dia medium grade 3m long one end tapered,other end with 16mm hole,provided with one GI bolt & nut of size 75x16mm	no	932.00	28.2.19
175	Yard structure (Tubular type)	MT	71539.00	14.12.2016
176	Yard structure (Lattice type)	MT	66906.50	7.12.2017
177	Tower HTS (for both heavy and light angles)	MT	94990.00	26.10.2017
178	Tower MS (for both heavy and light angles )	MT	89090.00	26.10.2017
179	Tower HTS (for light angle only)	MT	69997.00	21.2.2016
180	Tower MS (for light angle only)	MT	65872.00	21.2.2016
181	Galvanised steel yard structure	MT	81007.71	16.10.2018
182	Transformer oil	kl	92807.00	22.5.2019
183	17.5kv, 630A, LV Bushing	no	18000.00	19.09.2018
184	72.5kv, 800A Bushing	no	275333	23.3.19
185	145kv, 800A bushing	no	480000.00	24.11.2017
186	145kv OIP Bushing 2000A, 300BCT	no	224200.00	21.6.2018
	Power transformer			
187	400kv/220kv/33kv 105 MVA	no.	3,75,61,726.00	2.4.2012
188	220kv/110kv, 66.67 MVA	no.	2,04,83,375.00	17.9.2016
189	220kv/110kv, 66.67 MVA single phase transformer	nos.	26609000.00	25.01.2019

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
190	220kV/110kV, 200MVA	no.	64546000.00	19.9.2017
191	220/110kV, 200MVA 3 phase auto transformer	no.	64295840.00	5.12.2018
192	220kV/110kV, 160MVA	no.	5,21,42,500.00	30.6.2017
193	220kV/33kV, 100MVA	no.	47893613.00	16.11.2015
194	110kV/11kV, 12.5MVA	no.	80,51,929.00	24.5.2011
195	110kV/33kV, 16MVA	no.	13852855.00	19.1.19
196	110kV/33kV, 16MVA 3 Phase transformer	nos.	13852855.00	19.01.2019
197	110kV/33kV, 25MVA	no.	15815540.00	26.9.2017
198	110kV/22kV, 25MVA	no.	1,52,03,589.00	3.12.2009
199	110kV/11kV, 20MVA	no	18231000.00	27.05.2019
200	66kV/33kV, 16MVA	no.	13366860.00	18.12.2007
201	66kV/11kV, 16MVA	no.	92,78,530.00	30.6.2017
202	66kV/11kV, 10MVA	no.	9451800.00	24.3.2018
203	33kV/11kV, 5MVA (outdoor)	no.	3589676.00	1.12.2015
204	33/11kV 5MVA 3 phase transformer (outdoor) with cable entry box	nos.	5082260.00	10.10.2018
205	33kV/11kV, 5MVA (indoor)	no.	4203387.00	24.1.2018
206	33kV/11kV, 8MVA outdoor transformer	no	6871628.52	20.09.2019
207	33kV/11kV, 5MVA outdoor transformer with cable entry box	no.	3863036.00	14.10.2016
208	33kV/11kV, 8MVA outdoor transformer with cable entry box	no.	52,40,760.00	19.12.2016
	LINE ISOLATORS			
209	420kV, 2000A pantograph Isolator with earth switch	no.	2,18,362.00, structure- Rs 21566.14	18.8.2011
210	420kV, 2000A triple pole line Isolator with structure	no.	7,00,657.00	25.4.2012
211	420kV, 2000A single pole line Isolator with structure	no.	2,72,394.00	25.4.2012
212	220kV, 1250A triple pole single centre break gang operated Line isolator with Structure (Motorised)	sets	444624.00	26.4.2018
213	220kV 2000A triple pole single centre break gang operated Line Isolator with Structure	sets	3,04,036.00	9.2.2010
214	220kV 1600A triple pole single centre break gang operated Line Isolator with out Structure	sets	3,53,944.00	12.2.2016
215	220kV 1600A triple pole single centre break gang operated Line Isolator with Structure	sets	3,85,944.00	7.11.2016
216	110kV 800A triple pole double break gang operated Line Isolator with out Structure	sets	2,16,097.00	22.4.2015
217	110kV 800A triple pole double break gang operated Line Isolator with Structure	sets	251724.00	26.4.2018
218	66kV, 800A triple pole double break gang operated Line Isolator with Structure.	sets	1,11,591.00	29.6.2015
219	33kV, 800A triple pole Line Isolator with Structure	sets	93506.00	29.11.2016
220	33kV, 800A Line Isolator	sets	50047.00	18.4.2016
221	33kV Line Isolator without structure	sets	73042.00	28.6.2018

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
222	11kV, 800A Line isolator with Structure	sets	41300.00	26.10.2017
	BUS ISOLATORS			
223	220kV,2500A triple pole single centre break gang operated Bus isolator with Structure(Motorised)	sets	5,16,490.00	12.2.2016
224	220kV,1250A triple pole single centre break gang operated Bus isolator with Structure(Motorised)	sets	2,53,091.00	25.7.2015
225	220kV, 2000A triple pole single centre break gang operated Bus isolator	sets	2,99,212.00	12.2.2016
226	220kV, 1600A triple pole single centre break gang operated Bus isolator without Structure	sets	2,88,265.00	12.2.2016
227	220kV, 1600A triple pole single centre break gang operated Bus isolator with Structure	sets	411584.00	26.4.2018
228	110kV, 1600A triple pole double break gang operated Bus isolator	sets	1,86,680.00	12.2.2016
229	110kV, 1250A triple pole double break Bus isolator	sets	1,69,227.00	12.2.2016
230	110kV, 1200A triple pole double break Bus isolator with Structure	set	223141.54	19.09.2019 ✓
231	110kV, 1200A single pole double break Bus isolator with Structure	set	151254.00	11.5.2009
232	110kV, 800A triple pole double break gang operated Bus isolator	set	212647.8	6.10.2018
233	110kV, 800A triple pole double break gang operated Bus isolator with Structure	set	206706.50	19.9.2019 ✓
234	110kV ,800A triple pole line isolator and structure	set	245440.00	19.09.2019 ✓
235	66kV, 800A triple pole Bus isolator with Structure	sets	1,28,652.00	29.11.2016
236	33kV, 800A triple pole Bus isolator with Structure	set	80635	19.09.2019 ✓
237	33kV, 800A triple pole Line isolator with Structure	set	93,627.00	19.09.2019 ✓
238	33kV, 800A Bus isolator	sets	55610.00	18.4.2016
239	11kV, 800A Bus isolator	sets	51297.00	25.7.2014
240	11kV, 800A Bus isolator with structure	sets	34220.00	26.10.2017
	CURRENT TRANSFORMERS			
241	400kV Current transformer 2000/1000/500/1A(5C)	no.	6,44,818.00	22.12.2015
242	220kV current transformer 2000-1000-500/1-1-1-1A	no	244214.00	28.4.2012

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
243	Supporting structure of 220kV current transformer 2000-1000-500/1-1-1-1-1A	no.	23600.00	21.7.2018
244	220kV Current transformer 1600/800/1-1-1-1-1A	no.	2,60,974.00	19.12.2015
245	220kV Current transformer 1200/600/1-1-1-1-1A with Structure	no.	2,80,038.00	7.12.2012
246	220kV Current transformer 1200/800/1-1-1-1-1A	no.	303968.00	21.7.2018
247	220kV Current Transformer 800/400/1-1-1-1-1A	no.	3,29,282.00	1.8.2014
248	220kV Current Transformer 600/300/1-1-1-1-1A	no.	306800.00	21.7.2018
249	220kV Current Transformer 200/1-1-1-1-1A	no.	2,36,878.00	19.12.2015
250	220kV Current Transformer 150-100-50/1A, 0.2S class		902700.00	26.10.2017
251	110kV Current transformer 1600/800/1-1-1-1-1A with Structure	no.	2,03,686.00	1.8.2014
252	110kV current transformer 1000/500/1-1-1-1-1A	no.	2,21,468.00	27.10.2015
253	110kV Current transformer 1200/600/1-1-1-1-1A	no.	149978.00	13.9.2017
254	110kV Current transformer 1200/600/1-1-1-1-1 1A Live tank	no	197470.64	31.10.2018
255	110kV Current transformer 800/400/1-1-1-1-1A with Structure	no.	1,63,071.00	1.8.2014
256	110kV Current transformer 800/400/1-1-1-1 1A Live tank	no	174524.36	31.10.2018
257	110kV Current transformer 800/400/1-1-1-1A	no.	133517.00	13.9.2017
258	110kV Current transformer 400/200/100/1-1-1-1-1A	no.	162724.00	21.12.2015
259	110kV Current transformer 400/200/100/1-1-1-1A	no.	146320.00	1.03.2019
260	110kV Current transformer 400/200/100/1-1-1-1 1A Live Tank	no	170978.46	31.10.2018
261	Supporting structure for 110kV current transformer	no.	38383.04	31.10.2018
262	110kV Current transformer 300/150/75/1-1-1-1A with Structure	no.	1,75,897.00	1.8.2014
263	110kV Current transformer 600/300/150/1-1-1-1A with Structure	no.	138060.00	1.03.2019
264	110kV current transformer, 100-50/1A	no.	1,09,054.00	24.1.2015
265	110kV Current Transformer with rain guard (700 x 850 x300)	no	24190.00	28.06.2018
266	66kV Current transformer 600/300/150/75/1-1-1-1A	no.	89325.00	3.4.2018
267	66kV Current transformer 400/200/100/50/1-1-1-1A	no.	89325.00	3.4.2018
268	66kV Current transformer -outdoor (oil filled)	no	135700.00	7.2.2018
269	33kV Current transformer 400/200/100/1-1-1A outdoor	no.	30326.00	21.4.2018
270	Supporting structure of 33kV Current transformer 400/200/100/1-1-1A Outdoor	no.	18880.00	21.4.2018
271	33kV Current transformer 400/200/100/1-1-1A outdoor	no	43188.00	24.06.2019

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
272	33kV Current Transformer 600/300/150/1-1-1-1A	no	46728.00	12.10.2017
273	33kV CT 2000/1-1-1-1A	no.	76808.00	4.2.2017
274	33kV Outdoor CT 400-200-100/1-1-1A with structure	no	60534.00	16.1.2019
275	33kV Current transformer 300/150/1-1-1-1A	no.	44093.00	18.7.2016
276	33kV Current transformer 300/150/1-1-1A	no.	46179.00	26.11.2016
277	33kV outdoor CT 1600/1	no.	40243.00	18.2.2012
278	33kV outdoor CT 200/1	no.	25585.00	9.2.2015
279	33kV CT 100/1A	no.	16695.00	30.1.2016
280	33kV CT		66220.00	28.02.2019
281	11kV outdoor CT 400/200/5-5A	no	21701.21	Aug-19
282	11kV Current Transformer with structure	no	30090.00	6.12.2017
283	11kV resin cast type Current Transformer - Indoor 400/200/5A	no.	59826.00	30.5.2019
284	11kV resin cast Current Transformer - 200/1A	no	29441.00	30.5.2019
285	11kV Current Transformer - 400/200/1-1-1A	no	25724.00	24.04.2019
	NEUTRAL CURRENT TRANSFORMERS			
286	110kV neutral current transformer 400/200/100/1A	no.	23116.00	29.8.2013
287	110kV neutral current transformer 300/150/75/1A	no.	23116.00	29.8.2013
288	66kV neutral current transformer	no	28202.00	08.05.2019
289	66kV neutral current transformer 150/75/1A	no.	21769.00	26.4.2017
290	33kV neutral current transformer 400/200/100/1A	no.	27678.00	26.4.2017
291	33kV neutral current transformer 100/1A	no.	92372.00	28.4.2016
292	11kV NCT 400/1A	no.	33751.00	28.4.2016
293	11kV Resin cast NCT (400-200/5A)	no	59826.00	30.05.2019
294	11kV NCT 400/1A with structure (outdoor)	no	26545.00	10.1.2018
295	11kV outdoor Oil immersed NCT		31279	12.12.18
	OTHER MATERIALS			
296	220kV Transmission Line arrester	no	79827.00	9.3.2018
297	110kV Transmission Line arrester	no	72924.00	8.5.2018
298	Fault Passage Indicator	no	17385.00	13.3.2018
299	11kV CCC type Ring Main unit	no	303850.00	10.6.2018

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
300	EHT Metering KIOSK (1200 x 1000 x 550)	no	43070.00	28.6.2018
301	Marshalling box with rain shed 650 x 300 x 200 mm, IP 65 with 30 nos 16A Disconnecting type connectors	set	11446	23.12.2017
302	Marshalling box with rain shed 650 x 300 x 200 mm, IP 65 with 16 nos 16A Disconnecting type	set	6844	23.12.2017
303	Marshalling Box made of 2.5mm mild steel. Height 120cm X width 80cm X depth 50mm with shutter	No.	32000.00	25.2.19
304	Cork Gasket sheet (915 x 915 x 6 mm)	sheet	1227.20	10.4.2018
305	Cork Gasket sheet (915 x 915 x 10 mm)	sheet	1534.00	10.4.2018
306	Gasket sheet (900x900x9.6mm)	sheet	4879.00	5.3.2019
307	HT Discharge rod	no	2714.00	3.7.2018
308	Earth Discharge Rod	no	6990.00	5.8.2019
309	Earth rod with clamping head, 3m long with 10m long wire	no	4696.00	14.11.2017
310	Earth rod with clamping head, 3m long with 15m long wire	no	4696.00	28.6.2018
311	Earth rod with clamping head, 2.5m long with 15m long wire	no	5310.00	28.6.2018
312	Insulated Rubber Mat - 11kV grade (2m x 1m x 2mm)	no	3510.53	13.6.2018
313	11kV Switch gear panel with spares	set	1121229.00	27.02.2018
314	Come along clamp	no	112690.00	17.4.2018
315	Automatic come along clamp (forged with chrome finished). Hotline grip, non spring loaded, un-notched handle. Min. capacity -5000kg, jaw type, Parallel, Min. length-14.3cm teeth type approx. weight 3.75kg	no	61360.00	9.7.2018
316	5kV Megger with accessories	no	430700	26.02.2018
317	Capacitor units - 595.23kVAR, 110kV	no	67000.00	2.06.2018
318	32 mm MS Rod	MT	62894.00	12.11.18
319	25mm MS Rod	MT	50768.00	20.2.2015
320	11kV, Vaccum Circuit breaker with supporting structure	no.	371392.02	3.1.2018
321	11kV, Vaccum circuit breaker, 630A, 26.3KA	no.	46,25,50	14.3.2017
322	11kV, Vaccum circuit breaker, 400A, 25KA	no.	1,53,458.00	7.3.2017
323	11kV VCB panel	set	652806.00	12.06.2017
324	11kV Panel with Vaccum circuit breaker	no.	496401.00	14.3.2017
325	11kV Floor mounting C& R panel (I/D)	no.	112041.00	03.1.2018
326	11kV Vaccum Circuit Breaker 1250A Vaccum Interruption 'Type VG2'	no.	3,77,400.00	9.9.2016
327	11kV CT Outdoor type 400-200-100/5-5-1A	no.	42962.00	28.9.2017

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
328	11kV XLPE 1x300mm <sup>2</sup> heat shrinkable outdoor cable end kit		2950.00	29.11.18
329	11kV XLPE 1x300mm <sup>2</sup> heat shrinkable straight joint kit		7080.00	19.12.18
330	11kV XLPE 3x300mm <sup>2</sup> heat shrinkable outdoor end joint kit	No	2950.00	16.9.2017
331	11kV XLPE 3x300mm <sup>2</sup> heat shrinkable Indoor end joint kit	no.	3304	31.8.2018
332	11kV XLPE 3x300mm <sup>2</sup> heat shrinkable Indoor straight joint kit	no.	6412.00	28.6.2017
333	11kV XLPE 3x300mm <sup>2</sup> heat shrinkable straight joint kit	no.	13983.00	23.9.2017
334	11kV XLPE 3x300mm <sup>2</sup> heat shrinkable outdoor straight joint kit	no.	7710.00	10.3.2017
335	11kV XLPE 3x300mm <sup>2</sup> heat shrinkable Indoor end termination kit	no.	2950	11.10.2017
336	11kV XLPE 3 x 500sqmm heat shrinkable outdoor end termination kit	no	1770.00	22.3.2018
337	11kV XLPE 3 x 500sqmm heat shrinkable Indoor end termination kit	no	1524.00	22.3.2018
338	11kV XLPE 1x500mm <sup>2</sup> heat shrinkable indoor straight joint kit	no.	5496.00	25.11.2016
339	11kV XLPE 1x500mm <sup>2</sup> heat shrinkable indoor end joint kit	no.	2509.84	23.9.2017
340	11kV XLPE 1x500mm <sup>2</sup> heat shrinkable outdoor end joint kit	no.	2599.00	23.9.2017
341	11kV XLPE 1x500mm <sup>2</sup> heat shrinkable outdoor straight joint kit	no.	1718.00	14.4.2017
342	11kV XLPE 1x500mm <sup>2</sup> heat shrinkable indoor end Termination kit	no.	1593.00	24.01.19
343	11kV XLPE 1x500mm <sup>2</sup> heat shrinkable outdoor end Termination kit	no.	1770.00	24.01.19
344	22kV, 3 x 300sqmm XLPE heat shrinkable type cable termination kit	no	8614.00	7.12.2017
345	22kV, 3 x 500sqmm XLPE heat shrinkable type cable termination kit	no	6254.00	15.3.2018
346	33kV XLPE 3x300mm <sup>2</sup> heat shrinkable outdoor straight joint kit	no.	23600.00	12.2.19
347	33kV XLPE 3x300mm <sup>2</sup> heat shrinkable outdoor cable end termination kit	no.	10030.00	18.5.2019 ✓
348	33kV XLPE 3x300mm <sup>2</sup> heat shrinkable indoor cable end joint kit	no.	6298.00	7.5.2016
349	33kV XLPE 3x300mm <sup>2</sup> heat shrinkable indoor cable end termination kit	no.	13969.00	9.6.2017
350	33kV XLPE 3x300mm <sup>2</sup> heat shrinkable straight joint kit	no	26904.00	18.05.2019 ✓
351	33kV XLPE 3x300mm <sup>2</sup> cold shrinkable outdoor cable end joint kit	no.	22900.00	7.5.2014

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
352	33kV XLPE 3x300mm <sup>2</sup> outdoor end termination kit	no	17110.00	29.8.2018
353	33kV XLPE 3x300mm <sup>2</sup> cold shrinkable straight joint kit	no.	50380.00	7.5.2014
354	End Termination kit for 66kV, 240sqmm Copper cable	no	128620.00	13.08.2018
355	Shield break straight joint suitable for 630sqmm, 110kV XLPE cable	no	259600.00	10.4.2018
356	1x240sqmm Copper cable outdoor	no	76000.00	03.06.20219
357	22kV outdoor CT 400-200-100/5-5-1-1	no.	34125.00	23.5.2014
358	22kV outdoor CT 200-100/5-5	no.	30975.00	23.5.2014
359	11kV CT 1000-500/5-5A	no.	11750.00	13.10.2015
360	11kV CT type 1000-500/1A	no.	12626.00	25.9.2017
361	11kV CT - outdoor type 800-400/1-1A	no.	26900.00	13.2.2015
362	11kV CT - outdoor type 800-400/5-5-1A	no.	43225.00	22.4.2016
363	11kV CT 800/400/1A	no.	40502.00	9.11.2015
364	11kV CT 800/5A	no.	29925.00	31.10.2015
365	11kV CT 400/1A	no.	13230.00	30.1.2016
366	11kV CT 400-200/1-1A	no.	19530.00	9.12.2016
367	11kV CT 400-200/1-1-1-1A	no.	34728.00	22.2.2016
368	11kV CT 400-200/5-5-1A	no.	31541.00	11.7.2016
369	11kV CT 400-200/5-5A (outdoor oil cooled)	no.	27043	4.11.2017
370	11kV CT - outdoor type 400-200/5-1A with structure	no.	30525	10.1.2018
371	11kV CT 400-200-100/5-5-1A	no.	40857.00	17.1.2017
372	11kV CT 400-200-100/5-5-1-1A	no.	40857.00	19.10.2016
373	11kV CT 400-300/1-1-1A	no.	28900.00	22.4.2016
374	11kV CT 800-400/5-5-1A	no.	42365.00	26.10.2015
375	11kV CT 800-400-200/5-5-1A	no	28674.00	11.7.2017
376	11kV CT - outdoor type 400-200-100/5-5-1-1A	no.	30975.00	23.5.2014
377	11kV CT - outdoor type 400-200/5-5-1A	no.	31541.00	11.7.2016
378	11kV CT - outdoor type 400-200/5-5A	no.	14535.00	30.1.2017
379	11kV CT - outdoor type 200-100/5-5-1A	no.	28875.00	23.5.2014
380	11kV CT - outdoor type 200-100-50/5-5A	no.	34500.00	16.1.2017
381	11kV CT - outdoor type 200/5-5A	no.	29887.00	4.11.2014
382	11kV CT - outdoor type 200/5-5-1A	no.	29295.00	1.8.2016
383	11kV CT 1000-500/5-5-1A	no.	22160.00	18.10.2016
384	11kV CT 1000/1A	no.	12817.00	8.1.2016
385	11kV CT 1000-500/5 A	no.	14917.00	8.1.2016
386	11kV CT -1000/500/1/1A (oil immersed)	no.	54390.00	5.1.2012
387	11kV CT 400/200/5-5	no.	14535.00	30.1.2017
388	11kV CT 1200/5A	no.	13020.00	3.6.2014

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Sl.No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
389	11kV CT 1200/1A	no.	16275.00	3.6.2014
390	11kV CT 200/5A (outdoor)	no.	33512	12.3.2018
391	11kV CT 200/1A (Outdoor)	no.	29441	14.6.2018
392	22kV Oil cooled Outdoor CT -200/1A, class PS, KVP 300V Lex 40mA	no	42480.00	11.10.2018
393	11kV Current Transformer - Outdoor resin cast type 400-200/5-5-1A	no.	39760.00	18.8.2017
394	11kV CT 400/200/100/5-5A	no.	3540.00	25.9.2017
395	11kV CT 400/200/100/5-5A (metering class)	no.	2832.00	25.9.2017
396	11kV, CT OD/OIL type	no	33335.00	12.9.2018
397	11kV outdoor Oil immersed Current Transformer 400-300/1-1-1A	no.	24500.00	7.8.2017
398	B phase 11kV 630A VI accessories matching CT ratio 1.333/1A class PS minimum knee point voltage - 320V maximum exciting current <30mA at 50% of knee point voltage. Maximum resistance Rp - 2ohm, Insulation resistance level - 0.66/3kV confirms to IS:2705,198	no.	4494.00	27.4.2017
399	Outdoor oil cooled single phase wound primary live tank current transformer to IS 2705/1992 Ratio 2000/1-1-1-1A, HSV, 72.5kV	no.	121894.00	16.9.2017
400	Outdoor, cycloaliphitic resin cast wound primary current transformer to IS 2705/1992 Ratio 50-100/1-1A HSV-36kV, IL -36/70/170kVp, 15VA, class 0.2, STC, 25kA/3sec, 50Hz, insulation-class B, secondary terminals on :P2 side1	no.	42120.00	7.9.2017
401	11kV Resin cast Ring type feeder CT	no	17882.00	1.11.2017
402	11kV Resin cast Ring type Incomer CT	no	238602.00	1.11.2017
403	125kVA DG set	no.	917055.92	14.6.2017
404	Aluminium tubular conductor 4" and 3"	MT	317058.92	25.9.2017
405	S type narrow based tower	set	830307.59	30.07.19
406	+ 18 - base Extension for 'S' tower	no	954242.99	30.07.19
407	11 kV CT 600/300/1-1A	1 no.	30562.00	08.05.2019
408	RR Type RMU , 11 kV 630A, out door	1no.	293820	05.07.2019
409	400 kV/220kV/66kV Post Insulator	1 no.	483741	30.07.2019
410	11kV XLPE 1x500 mm2 out door "Gee Seal" H.S components and Accessories	14 Set	24780	02.05.2019
411	11kV XLPE 1x500 mm2 indoor "Gee Seal" H.S components and Accessories	14 Set	21476	02.05.2019
412	11 kV Resin cast CT 200/1A	2 Nos.	29441	30.05.2019

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