

KERALA STATE ELECTRICITY BOARD LTD.

(Incorporated under the Indian Companies Act, 1956)

Office of the CIA, Vidyuthi Bhavanam, Pattom, Thiruvananthapuram)

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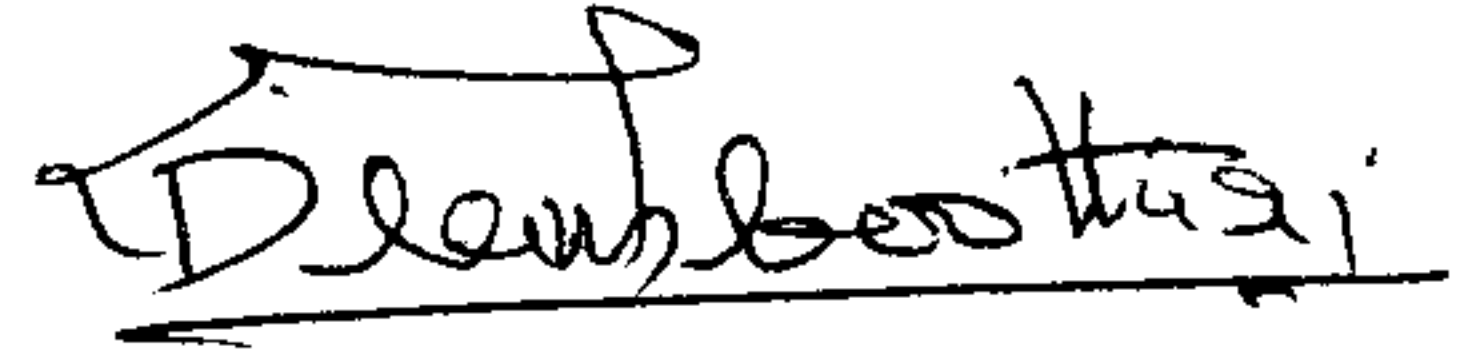


No.CIA/WAD-II/TRSMN.COST DATA-2015-16.

CERTIFICATE

This is to certify that the list of cost data which contains 169 items of transmission materials, received from the Deputy Chief Engineer (SCM) vide Lr No. SCM/TA-41/Cost Data/15-16, dated, 16-12-2015 has been verified with the records made available in the office of Dy CE (SCM) and is prepared according to the directions 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. The materials for which no purchases were effected during previous six months (01-04-2015 to 30-09-2015), the costs as per the previous cost data will prevail.

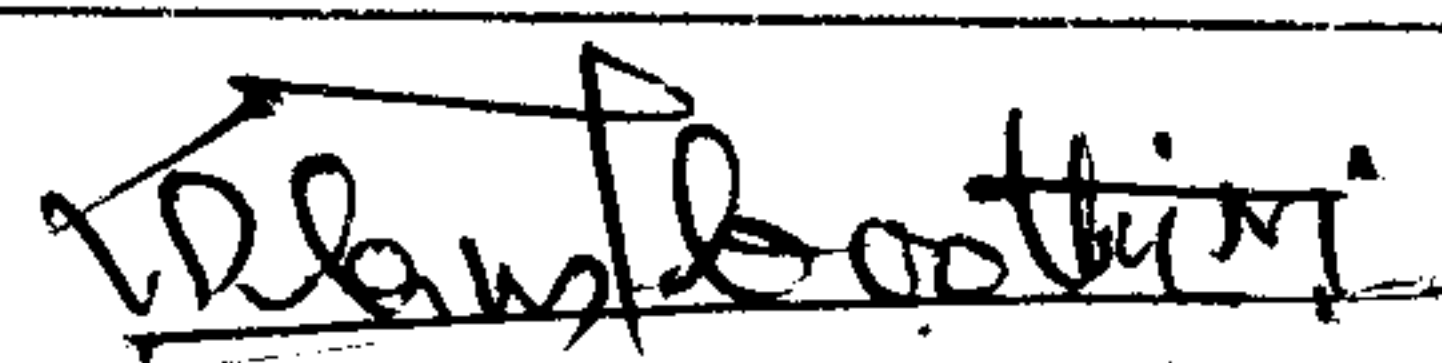
Thiruvananthapuram

23.12.2015


CHIEF INTERNAL AUDITOR
 

Cost data of transmission materials for the second half year 2015-16, based on weighted average procurement cost as on 30.9.2015

Sl. No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
1	400kV SF6 Circuit Breaker with structures	no.	31,22,911.00	5.3.2012
2	220kV SF6 Circuit Breaker with structure	no.	13,19,900.00	12.5.2015
3	110kV SF6 Circuit Breaker with structure	no.	5,63,779.00	26.2.2015
4	66kV SF6 Circuit Breaker with structure	no.	4,34,548.00	26.2.2015
5	11kV SF6 Circuit Breaker with density switch	no.	3,79,668.00	12.1.2012
6	11kV Potential Transformer	no.	26,195.00	9.7.2015
7	66kV Potential Transformer without structure	no.	49,739.00	25.6.2015
8	33kV Potential Transformer with out structure	no.	22,568.00	25.6.2015
9	220kV Potential Transformer with out structure	no.	2,45,012.00	27.2.2015
10	110kV Potential Transformer with out structure	no.	96,780.00	24.1.2015
11	220kV Capacitor Voltage Transformer with structure	no.	206948.00	20.10.2014
12	220kV Capacitor Voltage Transformer without structure	no.	202833.00	9.3.2015
13	110kV Capacitor Voltage Transformer with structure	no.	1,85,866.00	12.12.2013
14	66kV Capacitor Voltage Transformer with structure	no.	1,32,668.00	12.12.2013
15	33kV Vaccum Circuit Breaker	no.	2,01,423.00	3.6.2015
16	12x4mm2 Control Cable	Km	4,04,867.00	7.1.2014
17	19x4 mm2 control cable	Km	6,19,296.00	7.1.2014
18	2x4 mm2 control cable	Km	95,116.00	7.1.2014
19	2x2.5mm2 Control Cable	Km	68,755.00	7.1.2014
20	4x2.5mm2 Control Cable	Km	1,10,068.00	7.1.2014
21	6x2.5mm2 Control Cable	Km	1,53,849.00	7.1.2014
22	7x2.5mm2 Control Cable	Km	1,75,232.00	7.1.2014
23	10x2.5mm2 Control Cable	Km	2,29,572.00	7.1.2014
24	12x2.5mm2 Control Cable	Km	2,69,495.00	7.1.2014
25	19x2.5mm2 Control Cable	Km	4,06,574.00	7.1.2014
26	4x4mm2 Control Cable	Km	1,60,872.00	7.1.2014


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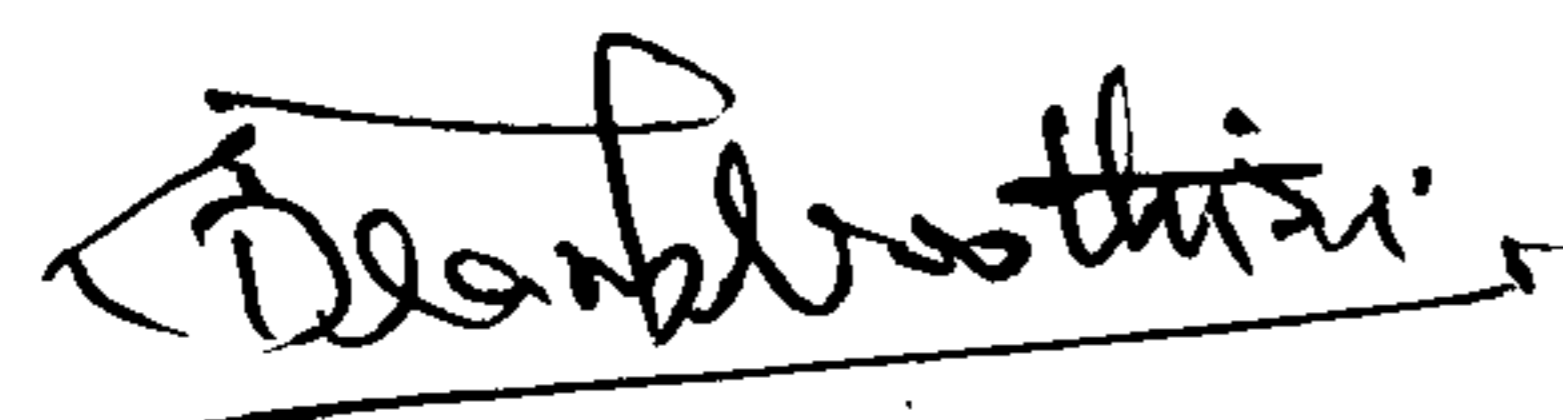

Dy. Chief Engineer (SCM)
 with powers of Chief Engineer


Sl. No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
27	11kV,1x500 mm2 XLPE UG cable	Km	6,29,590.00	3.2.2015
28	110kV, 1x400 mm2 XLPE UG cable	Km	34,48,610.00	5.7.2014
29	220kV Lightning Arrestor with structure	no.	53,207.00	20.12.2014
30	110kV Lightning Arrestor with structure	no.	37,494.00	20.12.2014
31	66kV Lightning Arrestor	no.	16,213.00	24.1.2015
32	33kV Lightning Arrestor	no.	9,353.00	24.1.2015
33	11kV Lightning Arrestor	no.	2,079.00	12.11.2014
34	120KN Disc Insulator	no.	639.00	21.3.2015
35	90KN Disc Insulator	no.	500.00	21.3.2015
36	70KN Disc Insulator	no.	480.00	21.3.2015
37	45KN Disc Insulator	no.	301.00	12.5.2015
38	11kV Autoreclosure	no.	1,70,534.5, supporting structure - Rs 7300.12	1.1.2011
39	220/110kV,100MVA transformer control & relay panel	sets	7,55,678.00	22.1.2014
40	110/11kV, 12.5MVA transformer control & relay panel	sets	3,96,786.00	11.9.2015
41	110/66kV transformer control and relay panel	sets	3,97,000.00	4.7.2011
42	110/33 kV,16MVA transformer control and relay panel	sets	5,35,554.00	11.9.2015
43	66/33kV,16MVA transformer control & relay panel	sets	5,92,736.00	22.1.2014
44	66/11kV, 10MVA transformer control & relay panel	sets	3,91,737.00	11.9.2015
45	33/11kV transformer control & relay panel	sets	2,30,568.00	3.5.2011
46	220kV feeder control & relay panel	no.	6,10,332.00	18.11.2010
47	220kV Bus coupler panel	no.	2,14,993.00	13.8.2008
48	110kV feeder control & relay panel including spares	sets	5,01,418.00	25.3.2015
49	66kV feeder control & relay panel	sets	4,65,053.00	13.6.2014
50	33kV feeder control & relay panel	sets	2,06,181.00	13.6.2014
51	33kV 4 panel set	sets	24,84,257.00	31.8.2013
52	11kV 10 panel set	sets	29,64,920.00	27.3.2014
53	11kV Incomer outdoor cubicle	no.	2,69,689.00	20.12.2010
54	11kV, 630 A AB switch	no.	16,800.00	26.2.2015
55	33kV Pin Insulator with pin	sets	970.00	11.12.2013
56	100 AH, VRLA battery	sets	1,04,722.00	18.3.2015

D. M. G. S. S.
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S. S. S. S.
Dy. Chief Engineer (S.C.M)
 with powers of Chief Engineer

Sl. No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
57	100 AH, tubular lead acid battery	sets	1,95,615.00	26.2.2015
58	200 AH, tubular lead acid battery	sets	3,02,016.00	17.3.2015
59	200 AH, VRLA battery	sets	97,768.00	5.2.2011
60	110V,100 AH plante type battery	sets	3,75,062.00	12.8.2015
61	110V,200 AH plante type battery	sets	5,96,745.00	12.8.2015
62	110V,400 AH plante type battery	sets	9,79,597.00	12.8.2015
63	15A Battery charger	no.	60,563.00	22.7.2015
64	30A Battery charger	no.	84,188.00	22.7.2015
65	60A Battery charger	no.	1,11,356.00	22.7.2015
66	ACSR Wolf	Km	1,00,328.00	20.11.2010
67	ACSR Dog	Km	63,442.00	28.4.2011
68	ACSR Moose	Km	3,89,656.00	16.2.2015
69	ACSR Kundah	Km	2,70,277.00	16.2.2015
70	G.I Earth wire (7/3.15 mm dia)	Km	33,212.00	18.4.2015
71	G.I Earth wire (7/3.66 mm dia)	Km	44,000.00	30.6.2015
72	Tower	MT	79,769.00	1.8.2015
73	Template	MT	65,186.00	23.6.2009
74	Transformer oil	KL	93,024.00	13.5.2015
75	11kV, 3x300mm ² cable	Km	9,81,189.00	19.10.2012
76	33kV,3x300 mm ² cable	Km	14,42,320.00	27.11.2013
	Power transformer			
77	400/220/33kV 105 MVA	no.	3,75,61,726.00	2.4.2012
78	220/110kV, 66.67 MVA	no.	2,17,73,028.00	6.12.2010
79	110/11kV, 12.5MVA	no.	80,51,929.00	24.5.2011
80	110/33kV, 16MVA	no.	1,14,97,782.00	1.09.2014
81	110/22kV, 25MVA	no.	1,52,03,589.00	3.12.2009
82	110/11kV,20MVA	no.	1,14,83,724.00	3.12.2014
83	66/33kV, 16MVA	no.	1,25,77,259.00	18.12.2007
84	66/11kV, 16MVA	no.	87,19,876.00	24.8.2013
85	66/11kV, 10MVA	no.	55,01,812.00	13.5.2010
86	33/11kV, 5MVA (outdoor)	no.	36,33,026.00	17.10.2014
87	33/11kV, 5MVA (indoor)	no.	45,21,614.00	15.7.2014
88	33/11kV, 5MVA outdoor transformer with cable entry box	no.	38,63,036.00	27.5.2015


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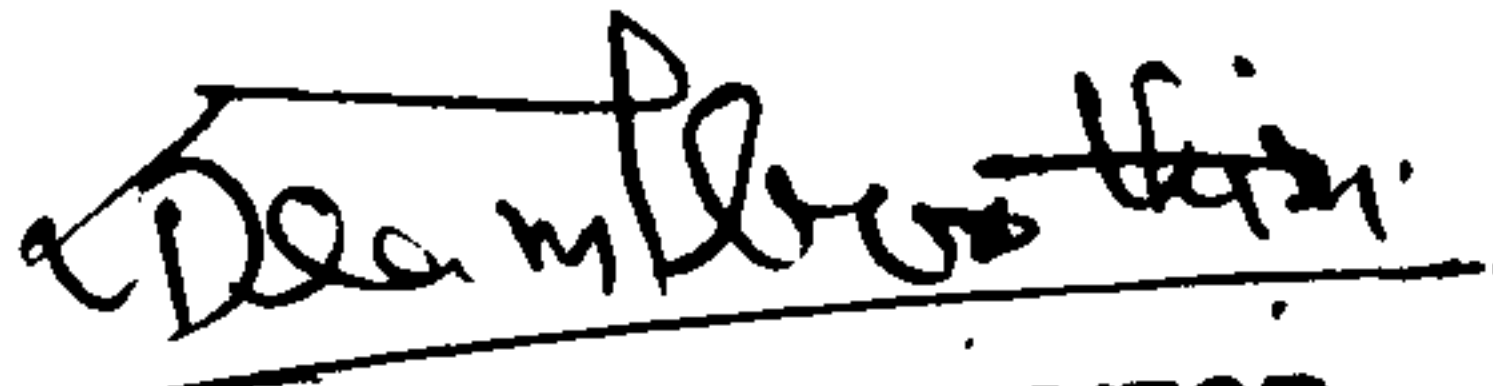
Sl. No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
89	33/11kV, 8MVA outdoor transformer with cable entry box	no.	51,99,932.00	29.7.2015

LINE ISOLATORS

90	420kV, 2000A pantograph Isolator with earth switch	no.	2,18,362.00, structure- Rs 21566.14	18.8.2011
91	420kV, 2000A triple pole line Isolator with structure	no.	7,00,657.00	25.4.2012
92	420kV, 2000A single pole line Isolator with structure	no.	2,72,394.00	25.4.2012
93	220kV,1250A triple pole single centre break gang operated Line isolator with Structure(Motorised)	sets	3,41,943.00	12.12.2013
94	220kV 2000A triple pole single centre break gang operated Line Isolator with Structure	sets	3,04,036.00	9.2.2010
95	220kV 1600A triple pole single centre break gang operated Line isolator with out Structure	sets	3,86,637.00	22.4.2015
96	110kV 800A triple pole double break gang operated Line isolator with out Structure	sets	2,16,097.00	22.4.2015
97	66kV, 800A triple pole double break gang operated Line isolator with Structure.	sets	1,11,591.00	29.6.2015
98	33kV, 800A Line isolator with Structure	sets	96,359.00	25.7.2014
99	11kV, 800A Line isolator with Structure	sets	84,742.00	25.7.2014

BUS ISOLATORS

100	220kV,1250A triple pole single centre break gang operated Bus isolator with Structure(Motorised)	sets	2,53,091.00	25.7.2015
101	220kV, 2000A triple pole single centre break gang operated Bus isolator with Structure.	sets	2,58,564.00	9.2.2010
102	220kV, 1600A triple pole single centre break gang operated Bus isolator without Structure.	sets	2,84,034.00	28.4.2015
103	110kV, 1600A triple pole double break gang operated Bus isolator with Structure.	sets	1,53,883.00	5.3.2011



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Sl. No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
104	110kV, 1200A triple pole double break Bus isolator with Structure	sets	2,05,292.00	5.3.2011
105	110kV, 1200A single pole double break Bus isolator with Structure	sets	1,51,254.00	11.5.2009
106	110kV, 800A triple pole double break gang operated Bus isolator with Structure	sets	1,41,427.00	11.2.2011
107	66kV, 800A Bus isolator with Structure	sets	1,29,184.00	25.7.2014
108	33kV, 800A Bus isolator with Structure	sets	80,321.00	25.7.2014
109	11kV, 800A Bus isolator without Structure.	sets	51,297.00	25.7.2014

CURRENT TRANSFORMERS

110	400kV Current transformer 2000/1000/500/1A(5C) with Structure	no.	7,02,396.00	28.4.2012
111	220kV current transformer 2000-1000-500/1-1-1-1A	no.	2,44,214.00	28.4.2012
112	220kV Current transformer 1600/800/1-1-1-1A	no.	2,44,214.00	7.12.2012
113	220kV Current transformer 1200/600/1-1-1-1A with Structure	no.	2,80,038.00	7.12.2012
114	220kV Current transformer 1200/800/1-1-1-1A with out Structure	no.	3,19,366.00	17.9.2015
115	220kV Current Transformer 800/400/1-1-1-1A with out Structure	no.	3,29,282.00	1.8.2014
116	110kV Current transformer 1600/800/1-1-1-1A with Structure	no.	2,03,686.00	1.8.2014
117	110kV current transformer 1000/500/1-1-1-1A with out structure	no.	2,17,137.00	30.4.2014
118	110kV Current transformer 1200/600/1-1-1-1A with Structure	no.	1,63,071.00	1.8.2014
119	110kV Current transformer 800/400/1-1-1-1A with Structure	no.	1,63,071.00	1.8.2014
120	110kV Current transformer 400/200/100/1-1-1-1A with Structure	no.	1,81,241.00	1.8.2014
121	110kV Current transformer 400/200/100/1-1-1A with out Structure	no.	1,07,674.00	8.9.2015


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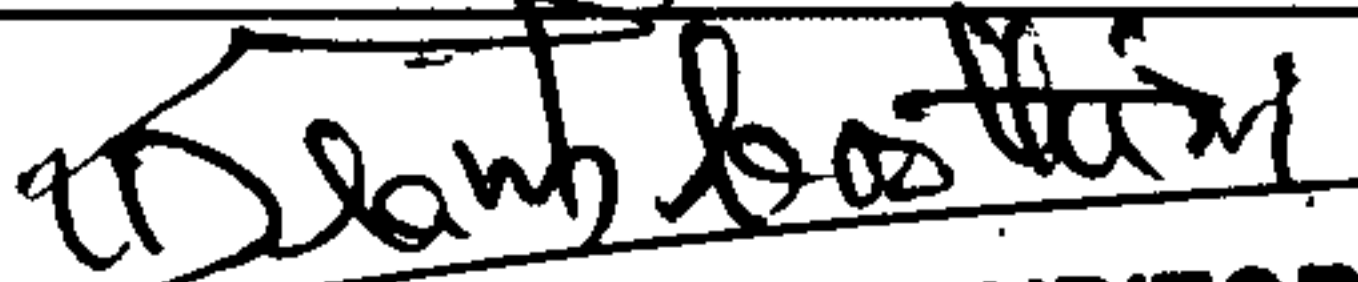
Sl. No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
122	110kV Current transformer 300/150/75/1-1-1A with Structure	no.	1,75,897.00	1.8.2014
123	110kV Current transformer 600/300/150/1-1-1A with Structure	no.	1,64,646.00	1.8.2014
124	110kV current transformer, 100-50/1A	no.	1,09,054.00	24.1.2015
125	66kV Current transformer 600/300/150/75/1-1-1A without SS	no.	79883.00	30.6.2015
126	66kV Current transformer 400/200/100/50/1-1-1A with out SS	no.	76784.00	30.6.2015
127	33kV Current transformer 400/200/100/1-1-1A with out Structure	no.	37747.00	30.6.2015
128	33kV Current transformer 400/200/100/1-1-1A with Structure	no.	35030.00	31.10.2013


NEUTRAL CURRENT TRANSFORMERS

129	110kV neutral current transformer 400/200/100/1A	no.	23116.00	29.8.2013
130	110kV neutral current transformer 300/150/75/1A	no.	23116.00	29.8.2013
131	66kV neutral current transformer 200/100/1A	no.	23116.00	29.8.2013
132	66kV neutral current transformer 150/75/1A	no.	23116.00	29.8.2013
133	33kV neutral current transformer 400/200/100/1A	no.	18405.00	5.10.2010

Others

134	32 mm MS Rod	MT	45728.00	8.9.2015
135	25mm MS Rod	MT	50768.00	20.2.2015
136	11kV Vaccum Circuit Breaker 1250A Vaccum Interruption 'Type VG2'	no.	2,01,057.00	11.5.2012
137	11kV XLPE 3x300mm ² heat shrinkable outdoor end joint kit	no.	2607.00	23.6.2015
138	11kV XLPE 3x300mm ² heat shrinkable Indoor end joint kit	no.	2217.00	23.6.2015
139	11kV XLPE 3x300mm ² heat shrinkable Indoor straight joint kit	no.	2500.00	11.9.2015
140	11kV XLPE 1x500mm ² heat shrinkable indoor straight joint kit	no.	4408.00	11.8.2014
141	11kV XLPE 1x500mm ² heat shrinkable indoor end joint kit	no.	1201.00	12.6.2015


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142	11kV XLPE 1x500mm ² heat shrinkable outdoor end joint kit	no.	1471.00	12.6.2015
143	11kV XLPE 1x500mm ² heat shrinkable outdoor straight joint kit	no.	3850.00	31.10.2013
144	33kV XLPE 3x300mm ² heat shrinkable outdoor straight joint kit	no.	39500.00	13.4.2015
145	33kV XLPE 3x300mm ² heat shrinkable outdoor cable end joint kit	no.	15457.00	5.2.2015
146	33kV XLPE 3x300mm ² heat shrinkable indoor cable end joint kit	no.	3490.00	5.2.2015
147	33kV XLPE 3x300mm ² heat shrinkable straight joint kit	no.	22103.00	14.10.2013
148	33kV XLPE 3x300mm ² cold shrinkable outdoor cable end joint kit	no.	22900.00	7.5.2014
149	33kV XLPE 3x300mm ² cold shrinkable straight joint kit	no.	50380.00	7.5.2014
150	22kV outdoor CT 400-200-100/5-5-1-1	no.	34125.00	23.5.2014
151	22kV outdoor CT 200-100/5-5	no.	30975.00	23.5.2014
152	11kV CT -Indoor resin cast ring type 1000-500/5-5A	no.	16269.00	31.1.2012
153	11kV CT -Indoor resin cast ring type 1000-500/1A	no.	14766.00	31.1.2012
154	11kV CT - outdoor type 800-400/1-1A	no.	26,900.00	13.2.2015
155	11kV CT 400-200/1-1A	no.	29,295.00	2.5.2015
156	11kV CT 400-200-100/5-5-1A	no.	33159.00	2.5.2015
157	11kV CT - outdoor type 400-200-100/5-5-1-1A	no.	30975.00	23.5.2014
158	11kV CT - outdoor type 400-200/5-5-1A	no.	25988.00	20.8.2015
159	11kV CT - outdoor type 400-200/5-5A	no.	22620.00	20.8.2015
160	11kV CT - outdoor type 200-100/5-5-1A	no.	28875.00	23.5.2014
161	11kV CT - outdoor type 200/5-5A	no.	29887.00	4.11.2014
162	11kV CT 1000-500/5-5-1	no.	15147.00	26.9.2015
163	11kV CT -1000/500/1/1A (oil immersed)	no.	54390.00	5.1.2012
164	11kV feeder CT 400/200/5-5	no.	30894.00	9.10.2014
165	11kV CT 1200/5A	no.	13020.00	3.6.2014
166	11kV CT 1200/1A	no.	16275.00	3.6.2014

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Sl. No	Name of material	Unit	All Inclusive unit Rate (Rs.)	Remarks (purchase order date)
167	11kV CT 200/5A	no.	12305.00	26.2.2014
168	33kV outdoor CT 1600/1	no.	40243.00	18.2.2012
169	33kV outdoor CT 200/1	no.	25585.00	9.2.2015

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 23/12/15
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[Handwritten Signature] 21/12/15
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