

## Schedule of Rate for Standard Stock Materials Common SR 2018-19 (11KV System)

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I
	<b>1</b>	<b>Line Supports (POLES)</b>				
1	1.01	RCC Pole - 9 Mtr Long, 145 Kg WL (Dwg No. BESCO/GM/QS&S/02 Dtd 24.11.2018) as per IS-785	200105	No	5904	6258
2	1.02	RCC Pole - 9 Mtr Long, 150 Kg WL Sq Section (Dwg No. BESCO/GM/QS&S/51 Dtd 24.11.2018) as per IS-785	200106	No	7165	7165
3	1.03	RCC Pole - 8 Mtr Long, 115 Kg WL (Dwg No. BESCO/GM/QS&S/05 Dtd 24.11.2018) as per IS-785	200103	No	4324	4706
4	1.04	PSCC Pole - 8 Mtr Long, 140 Kg WL (Dwg No. BESCO/GM/QS&S/17 Dtd 24.11.2018) as per REC Standards	200003	No	2479	2496
5	1.05	PSCC Pole - 8 Mtr Long, 200 Kg WL (Dwg No. BESCO/GM/QS&S/49 Dtd 24.11.2018) as per REC Standards	200004	No	2923	3054
6	1.06	PSCC Pole - 9 Mtr Long, 200 Kg WL (Dwg No. BESCO/GM/QS&S/50 Dtd 24.11.2018) as per REC Standards	200006	No	3380	3689
7	1.07	Pre - Stressed Tubular Spun Pole 11 Mtr Long - 500Kg WL (Dwg No. BESCO/GM/QS&S/45 Dtd 24.11.2018) as per IS-13158:1991	200120	No	15700	16850
8	1.08	RCC Pole - 9.5 Mtr Long, 350 Kg WL for 33kV Lines (Dwg No. BESCO/GM/QS&S/01 Dtd 24.11.2018) as per IS-785	200107	No	7627	7627
9	1.09	11Mtrs Long PSCC pole of working Load 365 Kg for intermediate poles only <b>as per REC Standards</b>	200010	No	7874	7874
10	1.10	9 Mtr PSCC Pole with working load of 300Kg (Dwg No. BESCO/GM/QS&S/-- Dtd 24.11.2018) as per REC Standards	200005	No	4549	4686
		<b>Note: PCC, PSC &amp; PSCC Poles are one and the same and pre-stressed wire/cable/strand is used for prestressing in the manufacture of poles. Hence PCC &amp; PSC Poles are referred as PSCC Poles.</b>				
	<b>2</b>	<b>Cross Arms (MS &amp; GI) as per IS-1977</b>				
11	2.01	11kV Horizontal X Arms - Mild Steel (MS) (Dwg No. BESCO/GM/QS&S/04 Dtd 24.11.2018)	279020	No	245	251
12	2.02	11kV Horizontal X Arms - Galvanised Iron (GI)	280020	No	325	333
13	2.03	11kV Special 3 Pin X Arm - MS (Dwg No. BESCO/GM/QS&S/03 Dtd 24.11.2018)	279013	No	578	590
14	2.04	11kV Special 3 Pin X Arm - GI	280013	No	768	787
15	2.05	LT 4 Pin X Arms - MS (Dwg No. BESCO/GM/QS&S/32 Dtd 24.11.2018)	279014	No	191	191
16	2.06	LT 4 Pin X Arms - GI	280014	No	252	252
17	2.07	LT 2 Pin X Arms - MS (Dwg No. BESCO/GM/QS&S/32 Dtd 24.11.2018)	279012	No	87	87
18	2.08	LT 2 Pin X Arms - GI	280012	No	115	115
19	2.09	LT ST Support 50x6mm Flat - MS (Dwg No. BESCO/GM/QS&S/32 Dtd 24.11.2018)	279091	No	44	44
20	2.10	LT ST Support 50x6mm Flat - GI	280091	No	58	58

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21	2.11	HT ST Support 50x6mm Flat - MS (Dwg No. BECOM/GM/QS&S/04 Dtd 24.11.2018)	279092	No	61	61
22	2.12	HT ST Support 50x6mm Flat - GI	280092	No	78	78
23	2.13	LT Cross arms for vertical Configuration - MS	279017	No	645	645
24	2.14	LT Cross arms for vertical Configuration - GI	280017	No	808	808
25	2.15	EG Stirrups (MS) with GI wire lacing	279130	No	191	191
26	2.16	Spiral Earth Electrode	281683	No	213	165
	<b>3</b>	<b>SMC Line Materials</b>				
27	3.01	11KV Cross arm with HT top support (glass reinforced hot pressed SMC compound)	279090	No	746	746
	<b>4</b>	<b>Anticlimbing Device</b>				
28	4.01	Spike type GI About 3.0 Kg in weight	278910	No	131	155
29	4.02	GI Barbed wire (12mtrs/Kg)	278911	Each	64	76
30	4.03	Guarding for Road crossing, Telephone Line Crossing, between HT & LT Line Crossing	278916	Mtrs	68	80
	<b>5</b>	<b>Clamps A Type (MS &amp; GI) as per IS-1977</b>				
31	5.01	RCC Pole clamp - MS (Dwg No. BECOM/GM/QS&S/30 Dtd 24.11.2018)	279523	No	52	53
32	5.02	RCC Pole clamp - GI	280523	No	69	71
33	5.03	PSCC Pole (140kG WL) clamp - MS (Dwg No. BECOM/GM/QS&S/31 Dtd 24.11.2018)	279503	No	43	44
34	5.04	PSCC Pole (140kG WL) clamp - GI	280503	No	57	58
35	5.05	PSCC Pole (200kG WL) clamp - MS (Dwg No. BECOM/GM/QS&S/31 Dtd 24.11.2018)	279510	No	46	47
36	5.06	PSCC Pole (200kG WL) clamp - GI	280510	No	62	64
37	5.07	PSCC Pole (300kG WL) clamp - MS (Dwg No. BECOM/GM/QS&S/-- Dtd 24.11.2018)	279510	No	New Item	56
38	5.08	PSCC Pole (300kG WL) clamp - GI	280510	No	New Item	74
39	5.09	Guy clamp - MS (Dwg No. BECOM/GM/QS&S/07 Dtd 24.11.2018)	279650	No	52	53
40	5.1	Guy clamp - GI	280650	No	68	70
41	5.11	Turn buckle (GI) (Dwg No. BECOM/GM/QS&S/07 Dtd 24.11.2018)	279146	No	164	168
42	5.12	Anchor Rod using 12mm rounds/Guy Rod - MS (Dwg No. BECOM/GM/QS&S/07 Dtd 24.11.2018)	279140	No	167	194
43	5.13	Anchor Rod using 12mm rounds/Guy Rod - GI	280140	No	222	266
44	5.14	MS Fish Plate	279800	No	53	54
45	5.15	GI Fish Plate	280800	No	60	62
46	5.16	Strain Clamps, 3 Bolt type for 70/90 kN Disc Insulator	285076	No	482	494
	<b>6</b>	<b>Insulators as per IS-1445 for Ceramic, IS-7935 for GI Pin, IEC-61109 for Polymeric</b>				
47	6.01	11kV Ceramic Pin Insulator (Shell only)	283005	No	47	49
48	6.02	11kV GI Pin for 11kV Ceramic Shell Insulators	283055	No	47	56
49	6.03	1.1kV Ceramic Pin Insulator (Shell only)	283003	No	15	18
50	6.04	1.1kV GI Pin FOR 1.1kV Cermaic shell Insulator	283053	No	23	30
51	6.05	11kV, 5KN Composite/Polymeric Pin Insulator (24mm dia FRP Rod)	283008		194	180
52	6.06	No.8 Strain Insulator	283158	No	14	16
53	6.07	No.15 Strain Insulator	283166	No	33	35
54	6.08	DISC Insulator 45kN Porcelain	283040	No	288	301
55	6.09	DISC Insulator 70kN, Ball & Socket type porcelain	283017	No	487	431

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56	6.1	DISC Insulator 90kN, Ball & Socket type porcelain	283018	No	487	493
57	6.11	DISC Insulator 120kN, Ball & Socket type porcelain	283021	No	487	568
58	6.12	11kV, 45kN Polymeric Insulator	283320	No	169	164
59	6.13	11kV, 70kN Composite/Polymeric Insulator	283045	No	285	264
	<b>7</b>	<b>ACSR conductor as per IS-398 (Part - 2/1996)</b>				
60	7.01	Weasel ACSR (6/2.59 mm Al + 1/2.59 mm St), Std Wt : 128 kgs/km	284105	KM	19387	21552
61	7.02	Rabbit ACSR (6/3.35 mm Al + 1/3.35 mm St), Std Wt : 214 kgs/km	284108	KM	32884	36497
62	7.03	Coyote ACSR (26/2.54 mm Al + 7/1.90 mm St), Std Wt : 521 kgs/km	284116	KM	91177	100111
63	7.04	Lynx ACSR (30/2.79 mm Al + 7/2.79 mm St), Std Wt : 842 kgs/km	284120	KM	135003	148499
	<b>8</b>	<b>Guy Wire &amp; GI Wire as per IS-2141</b>				
64	8.01	7/10 SWG Guy Wire (7/3.251mm Dia), Std Wt : 128 kgs/km	281110	MT	56277	65137
65	8.02	8 SWG GI Wire (4.064 mm Dia), Std Wt: 125 kgs/km	281008	MT	54684	63293
66	8.03	10 SWG GI Wire (3.251mm Dia), Std Wt : 128 kgs/km	281010	MT	57694	66777
67	8.04	GI Barbed Wire 12 SWG	281205	MT	67895	78584
	<b>9</b>	<b>PG Clamps</b>				
68	9.01	PG clamps for Lynx ACSR	285518	No	239	269
69	9.02	Coyote to Coyote	285515	No	245	275
70	9.03	Rabbit to Rabbit	285508	No	70	79
71	9.04	Weasel to Rabbit	285549	No	60	67
72	9.05	Weasel to Weasel	285509	No	48	54
73	9.06	Squirrel to Weasel	285548	No	44	49
	<b>10</b>	<b>PG Clamps Rabbit to Insulated Wire</b>				
74	10.01	95 Sqmm (Dwg No. BESCO/GM/QS&S/43 Dtd 24.11.2018)	285555	No	96	108
75	10.02	120 Sqmm	285557	No	187	210
76	10.03	150 Sqmm	285559	No	221	248
77	10.04	185 Sqmm (Dwg No. BESCO/GM/QS&S/43 Dtd 24.11.2018)	285562	No	242	272
78	10.05	240 Sqmm (Dwg No. BESCO/GM/QS&S/43 Dtd 24.11.2018)	285565	No	281	316
79	10.06	T - Clamps for Rabbit conductor with hot dipped galvanized bolts, Nuts and Washers	285600	Set	217	244
80	10.07	T - Clamps for Coyote conductor with hot dipped galvanized bolts, Nuts and Washers	285605	Set	288	324
81	10.08	T - Clamps for Lynx to Lynx with hot dipped galvanized bolts, Nuts and Washers	285610	Set	300	337
82	10.09	Single Tension Clamp Suitable for Rabbit	285068	No	446	501
83	10.10	Single Tension Clamp Suitable for Coyote	285079	No	628	706
84	10.11	Pad Clamps for Rabbit ACSR	285723	No	344	387
85	10.12	Pad Clamps for Lynx ACSR	285726	No	476	535
86	10.13	Pad Clamps for Coyote ACSR	285724	No	428	481

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87	10.14	C - Type wedge connector + 2 hole padle for Rabbit ACSR	285661	No	324	364
88	10.15	C - Type wedge connector + 2 hole padle for Coyote ACSR	285662	No	1345	1512
89	10.16	C - Type wedge connector + 4 hole padle for Coyote ACSR	285663	No	1544	1736
90	10.17	C - Type wedge connector + 2 hole padle for Lynx ACSR	285664	No	2043	2297
91	10.18	C - Type wedge connector + 4 hole padle for Lynx ACSR	285665	No	2242	2521
	<b>11</b>	<b>C - Type Wedge Connector</b>				
92	11.01	Rabbit to Rabbit ACSR	285670	No	112	126
93	11.02	Rabbit to Coyote ACSR	285671	No	585	654
94	11.03	Rabbit to Lynx ACSR	285673	No	582	654
95	11.04	Coyote to Coyote ACSR	285676	No	582	654
96	11.05	Rabbit to 240 Sqmm Lead Wire	285694	No	582	654
97	11.06	Coyote to 240 Sqmm Lead Wire	285695	No	582	654
98	11.07	Coyote to Lynx ACSR	285678	No	1026	1154
99	11.08	Lynx to Lynx ACSR	285680	No	1026	1154
100	11.09	C wedge connector for connecting main wire of size 2.5/4/6/10 Sqmm from OH Squirrel/Weasel line to AFB/Cutouts	285691	No	61	69
101	11.10	C wedge connector for connecting main wire of size 16/25 Sqmm from OH Rabbit line to AFB/Cutouts	285692	No	79	89
	<b>12</b>	<b>Distribution Transformers - 3 Phase, 11kV/433V - Stacked Core with Oil as per IS-1180 (Part-1): 2014</b>				
		<b>A. OPEN BUSHING TYPE</b>				
102	12.01	25kVA, Aluminum Wdg, Star 1 (4 Star)	321437	No	64900	64900
103	12.02	25kVA, Aluminum Wdg, Star 2 (5 Star)	321465	No	New Item	74635
104	12.03	63kVA, Aluminum Wdg, Star 1 (4 Star)	321438	No	120360	120360
105	12.04	63kVA, Aluminum Wdg, Star 2 (5 Star)	321466	No	New Item	128304
106	12.05	100kVA, Aluminium Wdg, Star 1 (4 Star)	321439	No	148680	148680
107	12.06	100kVA, Aluminium Wdg, Star 2 (5 Star)	321467	No	New Item	155931
108	12.07	250kVA, Aluminium Wdg, Star 1 (4 Star)	321440	No	336300	336300
109	12.08	250kVA, Aluminium Wdg, Star 2 (5 Star)	321468	No	New Item	386745
110	12.09	500kVA, Aluminium Wdg, Star 1 (4 Star)	321449	No	566400	566400
111	12.10	500kVA, Aluminium Wdg, Star 2 (5 Star)	321469	No	New Item	651360
		<b>B. CABLE ENTRY TYPE</b>				
112	12.11	25kVA, Aluminium Wdg, Star 1 (4 Star)	321446	No	56838	67400
113	12.12	25kVA, Aluminium Wdg, Star 2 (5 Star)	321470	No	New Item	77135
114	12.13	63kVA, Aluminium Wdg, Star 1 (4 Star)	321447	No	94249	122860
115	12.14	63kVA, Aluminium Wdg, Star 2 (5 Star)	321471	No	New Item	130804
116	12.15	100kVA, Aluminium Wdg, Star 1 (4 Star)	321448	No	124607	151180
117	12.16	100kVA, Aluminium Wdg, Star 2 (5 Star)	321472	No	New Item	158431
118	12.17	250 kVA, Aluminium Wdg, Star 1 (4 Star)	321451	No	New Item	338800
119	12.18	250 kVA, Aluminium Wdg, Star 2 (5 Star)	321473	No	New Item	389245
120	12.19	500 kVA, Aluminium Wdg, Star 1 (4 Star)	321452	No	New Item	568900
121	12.20	500 kVA, Aluminium Wdg, Star 2 (5 Star)	321474	No	New Item	653860
	<b>13</b>	<b>Distribution Transformer - 3 Phase, 11kV/433V - Amorphous Core with Oil as per IS-1180 (Part-1): 2014</b>				
		<b>A. OPEN BUSHING TYPE</b>				

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122	13.01	25kVA, Aluminium Wdg, Star 2 (5 Star)	321383	No	77880	77880
123	13.02	63 kVA, Aluminium Wdg, Star 2 (5 Star)	321384	No	133930	133930
124	13.03	100 kVA, Aluminium Wdg, Star 2 (5 Star)	321385	No	162840	162840
125	13.04	250 kVA, Aluminium Wdg, Star 2 (5 Star)	321386	No	466100	466100
126	13.05	500 kVA, Aluminium Wdg, Star 2 (5 Star)	321387	No	719800	719800
		<b>B. AMORPHOUS CORE - CABLE ENTRY TYPE</b>				
127	13.06	25 kVA, Aluminium Wdg, Star 2 (5 Star)	321460	No	New Item	80380
128	13.07	63 kVA, Aluminium Wdg, Star 2 (5 Star)	321461	No	New Item	136430
129	13.08	100 kVA, Aluminium Wdg, Star 2 (5 Star)	321462	No	New Item	165340
130	13.09	250 kVA, Aluminium Wdg, Star 2 (5 Star)	321463	No	New Item	468600
131	13.10	500 kVA, Aluminium Wdg, Star 2 (5 Star)	321464	No	New Item	722300
	<b>14</b>	<b>11kV/433V, 3 Phase, Dry Type Transformers (CRGO) losses confirming to 5 star rating as per IS-11171</b>				
132	14.01	25KVA	321483	No	197914	197914
133	14.02	63KVA	321484	No	245315	245315
134	14.03	100KVA	321485	No	321938	321938
135	14.04	250KVA	321486	No	549055	549055
136	14.05	500KVA	321487	No	796956	796956
	<b>15</b>	<b>Transformer Oil as per IS-335:1993</b>				
137	15.01	EHV Grade Transformer oil - New	601400	KL	57716	68415
138	15.02	Reclaimed oil	601410	KL	30352	41049
139	15.03	Contaminated oil	601420	KL	18799	20525
140	15.04	Biodegradable Natural Ester Dielectric Fluid	601401	KL	New Item	123200
	<b>16</b>	<b>LT Protection</b>				
141	16.01	LT Protection kit (Dwg No. BESCO/GM/QS&S/10 Dtd 24.11.2018)	301107	No	1651	1651
	<b>17</b>	<b>LT Distribution Box as per IS-13947 Part-1&amp;2</b>				
142	17.01	LT Distribution Box for 100 kVA DTC with MCCB's (Sheet Metal) (Dwg No. BESCO/GM/QS&S/58 Dtd 24.11.2018)	301055	No	16600	17545
143	17.02	LT Distribution Box for 250 kVA DTC with MCCB's (Sheet Metal) (Dwg No. BESCO/GM/QS&S/08 Dtd 24.11.2018)	301056	No	New Item	17644
144	17.03	LT Distribution Box for 100/250 kVA DTC with MCCB's (SMC)	301060	No	24559	24559
	<b>18</b>	<b>Lightning Arresters as per IEC-60099-4</b>				
145	18.01	9KV 5kA LA Metal Oxide Ceramic type with GROUND DISCONNECTOR (Dwg No. BESCO/GM/QS&S/26 Dtd 24.11.2018)	303201	No	New Item	786
146	18.02	10KV 5kA LA Polymeric type with GROUND DISCONNECTOR	303201	No	New Item	1335
	<b>19</b>	<b>HG Fuse Unit as per IS-5350 Part-2</b>				
147	19.01	11kV Class, HG Fuse Unit with Solid Core Insulators (Dwg No. BESCO/GM/QS&S/21 Dtd 24.11.2018)	302122	Set/3 No	852	882
	<b>20</b>	<b>Double Pole TC Sets for erection of Transformers on RCC/PSCC 9 Mtrs Long Poles as per IS-1977</b>				
148	20.01	For 25/63/100kVA 4/5 Star Rated Transformer on 9 Mtr Long PSCC 300Kg WL Pole - MS	279111	Set	10976	13732
149	20.02	For 25/63/100kVA 4/5 Star Rated Transformer on 9 Mtr Long PSCC 300Kg WL Pole - GI	280111	Set	13947	18889

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150	20.03	For 25/63/100kVA 4/5 Star Rated Transformers using 9 mtr RCC Pole 145Kg WL - MS	279112	Set	New Item	13607
151	20.04	For 25/63/100kVA 4/5 Star Rated Transformers using 9 mtr RCC Pole 145Kg WL - GI	280112	Set	New Item	18718
152	20.05	For 100/300kVA 4/5 Star Rated Transformer on PSCC 9Mtr Long 300Kg WL - MS	279120	Set	13081	17626
153	20.06	For 100/300kVA 4/5 Star Rated Transformer on PSCC 9Mtr Long 300Kg WL - GI	280120	Set	16654	24224
154	20.07	For 100/300kVA 4/5 Star Rated Transformers using 9 mtr RCC Pole 145Kg WL - MS	279113	Set	New Item	17381
155	20.08	For 100/300kVA 4/5 Star Rated Transformers using 9 mtr RCC Pole 145Kg WL - GI	280113	Set	New Item	23889
	<b>21</b>	<b>Single Pole Mounted Transformer Kit for erection of Transformers on 11 Mtr Spun Poles as per IS-1977</b>				
156	21.01	Single H Frame with Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 25kVA (OH Line) - MS	279127	Set	17502	19691
157	21.02	Single H Frame with Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 25kVA (OH Line) - GI	280117	Set	22250	27065
158	21.03	Three H Frame with Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 250kVA (UG Cable) - MS	279128	Set	23739	26734
159	21.04	Three H Frame with Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 250kVA (UG Cable) - GI	280128	Set	30208	36728
160	21.05	Single H Frame without Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 63/100/250/500kVA (OH Line) - MS	279129	Set	9055	10171
161	21.06	Single H Frame without Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 63/100/250/500kVA (OH Line) - GI	280129	Set	11492	13992
162	21.07	Three H Frame without Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 63/100/250/500kVA (UG Cable) - MS	279131	Set	14518	16352
163	21.08	Three H Frame without Transformer Seating and Seating angle support X arm for 11 mtr Spun Pole for 63/100/250/500kVA (UG Cable) - GI	280131	Set	18477	22463
164	21.09	Prefabricated Platform for erection of 250kVA Transformer on 11 mtr Spun Pole Structure involving Rectangular hollow Sections 96x48x4.87Thk and 66x3x4.5Thk, Circular hollow section of 165.6 OD x 10 Thk , MS Stiffner plate 12 mm Thk,MS plate Base Plate 16 mm Thk, J Blots 12 mm dia, Gusset Plates, clamps,15mm rods 2.5m length as per drawing details. Tor Steel Rods cut of Dia 8 mm,10mm,12mm,16 mm and 20 mm bent as per drawing & tied inclusive of labour for Reinforced foundation (Total 380 kgs)	280132	Set	New Item	45600
165	21.10	FRP grating sheet (30 mm thickness, 1.8 mts *1.5) for Prefabricated structure	280133	Set	New Item	8446

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	<b>22</b>	<b>SPMT Materials for erection of Transformers on RCC/PSCC 9 Mtrs Long Poles as per IS-1977</b>				
166	22.01	Single Pole Mounted Transformer kit for 25/63 kVA 4/5 Star Rated Transformer on 9 mtr RCC Poles (Square Section) Without H Frame - MS	279115	Set	4213	4604
167	22.02	Single Pole Mounted Transformer kit for 25/63 kVA 4/5 Star Rated Transformer on 9 mtr RCC Poles (Square Section) Without H Frame - GI	280115	Set	5354	6349
168	22.03	Single Pole Mounted Transformer kit for 25/63 kVA 4/5 Star Rated Transformer on 9 mtr RCC Poles (Square Section) With H Frame - MS	279116	Set	New Item	9180
169	22.04	Single Pole Mounted Transformer kit for 25/63 kVA 4/5 Star Rated Transformer on 9 mtr RCC Poles (Square Section) With H Frame - GI	280116	Set	New Item	12633
170	22.05	Single Pole Mounted Transformer Structural materials for mounting 25kVA 4/5 Star Rated Transformer using 9 mtr PSCC Pole 300Kg WL Without H Frame - MS	279117	Set	6356	5584
171	22.06	Single Pole Mounted Transformer Structural materials for mounting 25kVA 4/5 Star Rated Transformer using 9 mtr PSCC Pole 300Kg WL Without H Frame - GI	280117	Set	8400	7690
172	22.07	Single Pole Mounted Transformer Structural materials for mounting 25kVA 4/5 Star Rated Transformer using 9 mtr PSCC Pole 300Kg WL With H Frame - MS	279118	Set	New Item	9576
173	22.08	Single Pole Mounted Transformer Structural materials for mounting 25kVA 4/5 Star Rated Transformer using 9 mtr PSCC Pole 300Kg WL With H Frame - GI	280118	Set	New Item	13176
	<b>23</b>	<b>GOS as per IS-9921, IS-1977</b>				
174	23.01	11kV, 200 Amps Single Break GOS (Dwg No. BESSCOM/GM/QS&S/23 Dtd 24.11.2018)	304212	Set	7163	7799
175	23.02	11kV, 200Amps Single Break GOS, Vertically Operated	304213	Set	10405	11328
176	23.03	11kV, 400 Amps Double Break GOS (Dwg No. BESSCOM/GM/QS&S/22 Dtd 24.11.2018)	304224	Set	16115	17545
177	23.04	H - Frame Set for fixing 11kV, 200 Amps SB GOS - (For DP structure for providing New GOS for sectionalisation) - MS	279149	Set	2983	3724
178	23.05	H - Frame Set for fixing 11kV, 200 Amps SB GOS - (For DP structure for providing New GOS for sectionalisation) - GI	280149	Set	3786	5121
179	23.06	Fixed and Moving contacts with B&N for 11kV 200A GOS (1 Fixed & 1 Moving contacts each)	503000	Each	2595	865
180	23.07	11kV 400 Amps Special Roaster GOS	304204	Set	12343	12343
181	23.08	Insulated GOS Operating Rods	503211	No	352	352
	<b>24</b>	<b>DOLO Cutouts as per IS-9385, Part-1 to 3</b>				
182	24.01	11kV DOLO Cutouts Conventional to Erstwhile KEB Specification (Dwg No. BESSCOM/GM/QS&S/20 Dtd 24.11.2018)	302011	Set/3 No	4631	4848
183	24.02	11kV DOLO Cutouts REC Specification	302021	Set/3 No	3500	3500

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	<b>25</b>	<b>DP Sets (2 Pole Structure Kit) as per IS-1977</b>				
184	25.01	DP Set using 9 mtr RCC, 145KG WL/PSCC Pole 300Kg WL - MS (Dwg No. BESCOM/GM/QS&S/33 Dtd 24.11.2018) BoM No.	279100	Set	3870	4618
185	25.02	DP Set using 9 mtr RCC, 145KG WL/PSCC Pole 300Kg WL - GI	280100	Set	5086	6031
	<b>26</b>	<b>3 Pole Structure Kit as per IS-1977</b>				
186	26.01	3 Pole Structure Material using 9 mtr RCC, 145KG WL/PSCC Pole 300Kg WL - MS BoM No.	279015	Set	9636	9636
187	26.02	3 Pole Structure Material using 9 mtr RCC, 145KG WL/PSCC Pole 300Kg WL - GI	280015	Set	12217	12217
	<b>27</b>	<b>C - Type Wedge Connectors (Fired)</b>				
188	27.01	Rabbit to Rabbit ACSR	285570	Set	310	349
189	27.02	Coyote to Coyote ACSR	285575	Set	766	861
190	27.03	Rabbit to Coyote ACSR	285571	Set	771	867
	<b>28</b>	<b>H - Clamps</b>				
191	28.01	Rabbit to Rabbit ACSR	285585	No	63	71
192	28.02	Coyote to Coyote ACSR	285587	No	315	354
193	28.03	Rabbit to Coyote ACSR	285586	No	298	335
194	28.04	Two Hole Paddle (Rabbit ACSR)	285590	No	246	277
195	28.05	Microwedge Connector	285594	No	81	91
	<b>29</b>	<b>LT Feeder Piller Box as per IS-13947 Part-1&amp;2</b>				
196	29.01	LT Feeder Piller Box 8 Way with Poreclain Rewireable Cut out and 1 No. of 630 Amps Load Break Switch with Cu bus Bar (Dwg No. BESCOM/GM/QS&S/33 Dtd 24.11.2018)	300308	No	36642	40307
197	29.02	LT Feeder Piller Box 12 Way with Poreclain Rewireable Cut out and 1 No. of 630 Amps Load Break Switch with Cu bus Bar (Dwg No. BESCOM/GM/QS&S/33 Dtd 24.11.2018)	300312	No	43971	48368
	<b>30</b>	<b>LT Spacers</b>				
198	30.01	LT Line Spacers (4 Wire)	284502	No	67	70
199	30.02	LT Line Spacers (2 Wire)	281504	No	40	42
200	30.03	LT Spacer for TC Wiring (Dwg No. BESCOM/GM/QS&S/38 Dtd 24.11.2018)	284503	No	39	41
	<b>31</b>	<b>1.1kV LT, XLPE or Heat resistant PVC insulated, PVC extruded Inner Seath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average <math>\pm</math> 5% and resistivity 14 Ohms/Kms (Max) as per IS-3975</b>				
201	31.01	6 Sqmm, 2 Core, (24 GI wire - 1.4mm)	287054	KM	50367	55596
202	31.02	10 Sqmm, 2 Core, (9 GI Strips - 4.0 x 0.8mm)	287055	KM	63570	69745
203	31.03	10 Sqmm, 4 Core, (10 GI Strips - 4.0 x 0.8mm)	287205	KM	90000	95737
204	31.04	16 Sqmm, 2 Core, (9 GI Strips - 4.0 x 0.8mm)	287056	KM	68639	73355
205	31.05	16 Sqmm, 4 Core, (11 GI Strips - 4.0 x 0.8mm)	287206	KM	106000	113268
206	31.06	25 Sqmm, 2 Core, (12 GI Strips - 4.0 x 0.8mm)	287057	KM	95858	102220
207	31.07	25 Sqmm, 3.5 Core, (12 GI Strips - 4.0 x 0.8mm)	287058	KM	New Item	120968
208	31.08	25 Sqmm, 4 Core, (13 GI Strips - 4.0 x 0.8mm)	287207	KM	128440	138249



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209	31.09	35 Sqmm, 3.5 Core, (14 GI Strips - 4.0 x 0.8mm)	287059	KM	New Item	139113
210	31.10	35 Sqmm, 4 Core, (15 GI Strips - 4.0 x 0.8mm)	287060	KM	New Item	158986
211	31.11	50 Sqmm, 3.5 Core, (16 GI Strips - 4.0 x 0.8mm)	287209	KM	New Item	161607
212	31.12	50 Sqmm, 4 Core, (17 GI Strips - 4.0 x 0.8mm)	287209	KM	169172	184694
213	31.13	70 Sqmm, 3.5 Core, (18 GI Strips - 4.0 x 0.8mm)	287210	KM	270000	289007
214	31.14	95 Sqmm, 3.5 Core, (21 GI Strips - 4.0 x 0.8mm)	287211	KM	311000	335046
215	31.15	120 Sqmm, 3.5 Core, (23 GI Strips - 4.0 x 0.8mm)	287212	KM	374000	403282
216	31.16	150 Sqmm, 3.5 Core, (25 GI Strips - 4.0 x 0.8mm)	287213	KM	461000	495040
217	31.17	185 Sqmm, 3.5 Core, (28 GI Strips - 4.0 x 0.8mm)	287214	KM	574000	615501
218	31.18	240 Sqmm, 3.5 Core, (30 GI Strips - 4.0 x 0.8mm)	287216	KM	718000	768443
219	31.19	300 Sqmm, 3.5 Core , (32 GI Strips - 4.0 x 0.8mm)	287217	KM	New Item	990080
220	31.20	400 Sqmm, 3.5 Core , (39 GI Strips - 4.0 x 0.8mm)	287218	KM	1218000	1297875
	<b>32</b>	<b>Compression type Aluminium Tubular in Line Connector for Aluminum Conductor</b>				
221	32.01	10 Sqmm	288605	No	3	3
222	32.02	16 Sqmm	288606	No	3	3
223	32.03	25 Sqmm	288607	No	4	4
224	32.04	35 Sqmm	288608	No	4	4
225	32.05	50 Sqmm	288609	No	5	6
226	32.06	70 Sqmm	288610	No	9	10
227	32.07	95 Sqmm	288611	No	10	11
228	32.08	120 Sqmm	288612	No	15	16
229	32.09	150 Sqmm	288613	No	22	24
230	32.10	185 Sqmm	288614	No	27	29
231	32.11	240 Sqmm	288616	No	44	48
232	32.12	400 Sqmm	288617	No	92	100
	<b>33</b>	<b>Straight Through Jointing Kits Suitable for 1.1kV Class LT UG Cables as per IS-13573</b>				
		<b>Epoxy Type</b>				
233	33.01	10 Sqmm, 2 Core	288170	Set	619	619
234	33.02	10 Sqmm, 4 Core	288174	Set	619	619
235	33.03	16 Sqmm, 2 Core	288171	Set	619	619
236	33.04	16 Sqmm, 4 Core	288175	Set	619	619
237	33.05	25 Sqmm, 2 Core	288172	Set	619	619
238	33.06	25 Sqmm, 4 Core	288176	Set	665	665
239	33.07	50 Sqmm, 4 Core	288178	Set	758	758
240	33.08	70 Sqmm, 3.5/4 Core	288179	Set	935	935
241	33.09	95 Sqmm, 3.5/4 Core	288180	Set	935	935
242	33.10	120 Sqmm, 3.5/4 Core	288181	Set	1475	1475
243	33.11	185 Sqmm, 3.5/4 Core	288183	Set	1522	1522
244	33.12	240 Sqmm,3.5/4 Core	288185	Set	1942	1942
245	33.13	400 Sqmm 3.5/4 Core	288187	Set	2877	2877
		<b>HS Type</b>				
246	33.14	up to 6 Sqmm	288190	Set	559	559
247	33.15	10 to 16 Sqmm	288191	Set	559	559
248	33.16	25 to 35 Sqmm	288192	Set	727	727
249	33.17	50 to 95 Sqmm	288193	Set	1118	1118
250	33.18	120 to 225 Sqmm	288194	Set	1341	1341
251	33.19	240 to 300 Sqmm	288195	Set	1565	1565
252	33.20	400 Sqmm	288196	Set	2236	2236
	<b>34</b>	<b>Epoxy Terminating Kit (Pothead) suitable for 1.1kV Class LT UG Cables</b>				

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253	34.01	Up to 4C x 50 Sqmm	288150	Set	316	316
254	34.02	3.5 x 70/95/120 Sqmm	288159	Set	373	373
255	34.03	3.5 x 150/185 Sqmm	288163	Set	469	469
256	34.04	3.5 x 225/240/300 Sqmm	288165	Set	574	574
257	34.05	3.5 x 400/500 Sqmm	288166	Set	699	699
	<b>35</b>	<b>11kV, 3 Core, HTUG Cable for insulations High quality clean XLPE compound shall be used (Free from microvoids, Moisture content, ambers and contaminations) with pressure extruded, inner sheeth ROUND WIRE ARMOURED as per IS-7098 (Part-2) Armouring wires dia in average <math>\pm</math> 2.5% and resistivity 14.0 Ohms/KM (Max) as per IS-3975</b>				
258	35.01	95 Sqmm, (54 GI Wires - 2.5mm Dia)	287400	KM	728081	782621
259	35.02	120 Sqmm, (57 GI Wires - 2.5mm Dia)	287402	KM	939341	999586
260	35.03	150 Sqmm, (59 GI Wires - 2.5mm Dia)	287403	KM	New Item	1149524
261	35.04	185 Sqmm, (51 GI Wires - 3.15mm Dia)	287404	KM	New Item	1201800
262	35.05	240 Sqmm, (55 GI Wires - 3.15mm Dia)	287405	KM	1380378	1471370
263	35.06	300 Sqmm, (58 GI Wires - 3.15mm Dia)	287406	KM	New Item	1692076
264	35.07	400 Sqmm, (51 GI Wires - 4mm Dia)	287410	KM	2109472	2245566
265	35.08	11kV Cables Fault Locating Equipment	440300	No	4554131	4554131
	<b>36</b>	<b>11kV Auto Reclosures and Sectionalizers with Remote Communication Facility as per IEC-62271</b>				
266	36.01	11kV, 630A, 12.5KA Auto reclosures with control pannel including necessary hardware structure protection system etc., as per specification	302510	Set	914174	582000
267	36.02	11kV, 12.5KA Sectionalizer with control box having control logic with necessary hardware etc., as per specification	312550	Set	674414	378000
268	36.03	11kV, 230V, 2 Phase, 300VA control transformer for providing auxillary power	312551	Set	12886	12886
269	36.04	11kV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ , 1 Phase metering PT class - 1, 100VA per Phase for measurement of voltage	312552	Set	35142	35412
270	36.05	GSM modem with connecting cable for remote communicating capabilities	312553	Set	14057	14057
271	36.06	Fabrication & supply of structrual steel including painting etc.,	312554	Set	7789	7789
272	36.07	9.6kV, 200A long duration porcelain housed Surge arrestors	312555	Each	1562	1562
	<b>37</b>	<b>Conventional RMUs (VCB Type) with Copper Bus Bar, 350MVA, 630 Amps as per IEC-62271/IS-3427</b>				
273	37.01	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing)	302480	Unit	1091151	1091151
274	37.02	<b>4 Way</b> RMU, 2OD + 2VL (One Incomer + Two Breakers + One Outgoing)	302481	Unit	1451508	1451508
275	37.03	<b>5 Way</b> RMU, 2OD + 3VL (One Incomer + Three Breakers + One Outgoing)	302482	Unit	1811864	1811864

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276	37.04	<b>6 Way</b> RMU, 2OD + 4VL (One Incomer + Four Breakers + One Outgoing)	302483	Unit	2172221	2172221
277	37.05	One Breaker (VL) Panel with <b>Cu Busbar</b>	302315	No	Will be Intimated	360357
278	37.06	One Breaker (OD) Panel with <b>Cu Busbar</b>	302316	No	New Item	545576
279	37.07	11KV Fault Passage Indicator for Overhead Line	302580	No	14810	14810
	<b>38</b>	<b>Compact RMUs, (VCB/SF6 Type) with Copper Busbar, 350MVA, 630 Amps as per IEC-62271/IS-3427</b>				
280	38.01	<b>3 Way</b> RMU, 2 OD + 1 VL (One Incomer + One Breaker + One Outgoing)	302340	Unit	425000	425000
281	38.02	<b>4 Way</b> RMU, 2 OD + 2 VL (One Incomer + Two Breakers + One Outgoing)	302345	Unit	600000	600000
282	38.03	<b>5 Way</b> RMU, 2 OD + 3 VL (One Incomer + Three Breakers + One Outgoing)	302350	Unit	750000	750000
283	38.04	<b>6 Way</b> RMU, 2 OD + 4 VL (One Incomer + Four Breakers + One Outgoing)	302355	Unit	900000	900000
284	38.05	1 OD for RMU 630 Amps	302335	Unit	Will be Intimated	150000
285	38.06	1 VL for RMU, 630 Amps	302358	Unit	Will be Intimated	150000
	<b>39</b>	<b>DAS Specification Compact RMU (VCB/SF6 Type) as per IEC-62271</b> <b>The DAS RMUs shall have the following in addition to the Standards:</b>  <ul style="list-style-type: none"> <li>• <b>DC motors, Numerical Relays, Multi-functional meters, fault passage indicator (FPI), Metering CTs, Protection CTs, Auxiliary transformers, Potential transformer, Batteries, Battery chargers (12V &amp; 24V), AC power socket and light for illumination of Control panel.</b></li> <li>• <b>Control cable from each panel shall be wired and terminated to suitable 24 pin connectors in the control panel.</b></li> <li>• <b>Suitable space for fixing the Remote Terminal Unit (RTU) and Radio Modem in Control panel.</b></li> <li>• <b>Suitable clamps for fixing Antenna Pipe</b></li> </ul>				
286	39.01	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing) 630A with Copper Bus Bar	302480	Unit	609600	609600
287	39.02	<b>4 Way</b> RMU, 2OD + 2VL (One Incomer + Two Breakers + One Outgoing) 630A with Copper Bus Bar	302481	Unit	834600	834600
288	39.03	<b>5 Way</b> RMU, 2OD + 3VL (One Incomer + Three Breakers + One Outgoing) 630A with Copper Bus Bar	302482	Unit	948600	948600
289	39.04	1 VL for RMU, 630 Amps Cu Bus Bar		No	New Item	225000
	<b>40</b>	<b>Load Break Switches</b>				

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290	40.01	Load Break Switches with Panel	506492	Unit	Will be Intimated	56640
	<b>41</b>	<b>Aerial Bunched Cable (ABC)</b>				
	<b>A</b>	<b>11kV [6.35/11kV(E)] HT Aerial Bunched Cable for insulations High quality clean XLPE compound shall be used (Free from microvoids, Moisture content, ambers and contaminations) with Metallic screen of EC Grade copper Tape 0.5 mm as per IS-7098 (Part-2), 2011</b>				
291	41.01	3x95+1x70 Sqmm (Insulated Messenger Wire)	284791	KM	680510	680510
292	41.02	3x120+1x95 Sqmm (Insulated Messenger Wire)	284792	KM	829338	829338
	<b>B</b>	<b>1.1KV, LT Aerial Bunched Cable, confirming to IS-14255:1995 XLPE insulation Parameter shall be as below</b> <b>1. Hot Set Test:</b> <b>a) Elongation under Load: 50% (Max)</b> <b>b) Permanent Elongation After Cooling: 3% (Max)</b> <b>2. Thermal Aging in oven:</b> <b>a) Tensile Strength: 16N/mm<sup>2</sup> (Min)</b> <b>b) Elongation: 375% (Min)</b> <b>3. Water Absorption Test</b> <b>a) Water absorbed: 0.5mg/cm<sup>2</sup> (Max)</b> <b>4. Carbon Black Content shall be ranging from 2% to 3%</b>				
293	41.03	3x95+1x70+1x16 Sqmm Street light (Insulated messenger cum Neutral)	284819	KM	442170	435622
294	41.04	3x95+1x70+1x25 Sqmm Street light (Insulated messenger cum Neutral)	284811	KM	455542	446546
295	41.05	3x95+1x70+1x35 Sqmm Street light (Insulated messenger cum Neutral)	284812	KM	467298	467298
296	41.06	3x70+1x50+1x16 Sqmm Street light (Insulated messenger cum Neutral)	284813	KM	New Item	335500
297	41.07	3x25+1x25+1x16 Sqmm Street light (Insulated messenger cum Neutral)	284814	KM	New Item	147000
298	41.08	3x16+1x25+1x16 Sqmm Street light (Insulated messenger cum Neutral)	284816	KM	New Item	97000
299	41.09	2x16+1x25 Sqmm (Insulated messenger cum Neutral)	284817	KM	New Item	76000
	<b>42</b>	<b>Accessories for ABC Cables as per NF-33, as per IS-13573 for Joints &amp; Terminations</b>				
300	42.01	Suspension clamp suitable for insulated Messsenger wire of size 25 to 95Sq mm	284847	No	335	335
301	42.02	11kV, AB Cable Straight thru' joint kit suitable for 95 Sqmm	284848	Set/3 Nos	5823	6813
302	42.03	11kV, AB Cable Straight thru' joint kit suitable for 120 Sqmm	284849	Set/3 Nos	6183	7234
303	42.04	11kV ABC Termination kit 95 - 120 Sqmm	284873	Set/3 Nos	2164	2532
304	42.05	Surge Arestor (for AB Cable)	303100	No	611	611
305	42.06	Ground Connection for Messenger Wire	284880	No	12	12

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306	42.07	Single Phase Distribution Box for 20 Connections	284820	No	2128	2128
307	42.08	Single Phase Distribution Box for 10 Connections	284818	No	2010	2010
308	42.09	Three Phase Distribution Box for 5 Connections	284815	No	2128	2128
309	42.1	Three Phase Distribution Box for 6 Connections	284821	No	2128	2128
310	42.11	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Service Connections	284822	No	235	235
311	42.12	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connections	284223	No	165	165
312	42.13	Piercing Connector Suitable for 25 Sqmm - 95 Sqmm AB Cable - Main to Main Connections	284855	No	275	275
313	42.14	Piercing Connector Suitable for 50 Sqmm - 150 Sqmm AB Cable - Main to Main Connections	284865	No	309	309
314	42.15	Universal Hook and Bolts & Nuts	284284	No	314	314
315	42.16	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	284825	No	135	135
316	42.17	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	284843	No	206	206
317	42.18	Dead End Clamp/Anchor Clamp Assembly 70 to 210 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	284844	No	309	309
318	42.19	Suspension Clamp Assembly 16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	284845	No	196	196
319	42.2	Suspension Clamp Assembly 70 to 210 Sqmm Bare Messenger (Exclusive of pole clamp and eye hook)	284846	No	314	314
320	42.21	Pre - Insulated lugs - CPTAU for 120 Sqmm	284836	No	397	397
321	42.22	Pre - Insulated Lugs - CPTAU for 95 Sqmm	284837	No	348	348
322	42.23	Pre - Insulated Lugs - CPTAU for 70 Sqmm	284827	No	304	304
323	42.24	Pre - Insulated Lugs - CPTAU for 50 Sqmm	284828	No	270	270
324	42.25	Pre - Insulated Lugs - CPTAU for 25 Sqmm	284834	No	254	254
325	42.26	Pre - Insulated Lugs - CPTAU for 16 Sqmm	284835	No	126	126
326	42.27	Tee - Connectors - KZ3 95	284829	No	348	348
327	42.28	Straight Joints Suitable for 95 Sqmm, LT ABC - MJPT Type	284832	No/1 Core	319	373
328	42.29	Straight Joints Suitable for 70 Sqmm, LT ABC - MJPT Type	284830	No/1 Core	298	349
329	42.3	Straight Joints Suitable for 50 Sqmm, LT ABC - MJPT Type	284831	No/1 Core	279	326
330	42.31	Straight Joints Suitable for 25 Sqmm, LT ABC - MJPT Type	284838	No/1 Core	258	302
331	42.32	Straight Joints Suitable for 16 Sqmm, LT, ABC - MJPT Type	284840	No/1 Core	187	219
332	42.33	End Cap for 50/70 Sqmm	284833	No	20	20
333	42.34	Nylon cable Tie	284839	100 Nos	412	412
334	42.35	Pole Clamp for HT/LT AB cables	284840	No	103	103
335	42.36	Eye Hook (Flat Type) for fixing clamps	284841	No	90	90
	<b>43</b>	<b>11kV Jointing and Cable Termination Kits as per IS-13573</b>				
		<b>Heat Shrinkable Type Transition Jointing Kit for XLPE Cable</b>				
336	43.01	3x95 Sqmm	288312	Set	9084	9084
337	43.02	3x240 Sqmm	288314	Set	11227	11227
338	43.03	3x400 Sqmm	288315	Set	11434	11434

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		<b>11kV Heat Shrinkable Indoor Type Cable Termination Kit for XLPE Cable</b>				
339	43.04	3x95 Sqmm	288332	Set	2837	3319
340	43.05	3x240 Sqmm	288334	Set	3555	4159
341	43.06	3x400 Sqmm	288336	Set	3648	4268
		<b>11kV Heat Shrinkable Outdoor Type Cable Termination Kit for XLPE Cable</b>				
342	43.07	3x95 Sqmm	288302	Set	3081	3605
343	43.08	3x240 Sqmm	288304	Set	4030	4715
344	43.09	3x400 Sqmm	288305	Set	4060	4750
		<b>11kV Heat Shrinkable Indoor Type Cable Termination Kit for PILC Cable</b>				
345	43.10	3x95 Sqmm	288462	Set	2378	2782
346	43.11	3x240 Sqmm	288464	Set	2554	2988
347	43.12	3x400 Sqmm	288465	Set	2607	3050
		<b>11kV Heat Shrinkable Outdoor Type Cable Termination Kit for PILC Cable</b>				
348	43.13	3x95 Sqmm	288456	Set	3013	3525
349	43.14	3x240 Sqmm	288458	Set	3781	4424
350	43.15	3x400 Sqmm	288460	Set	3798	4444
		<b>11kV Heat Shrinkable Straight Through Jointing Kits for XLPE Cable with Copper Lugs &amp; Al Ferrules</b>				
351	43.16	3x95 Sqmm	288322	Set	5539	6481
352	43.17	3x240 Sqmm	288324	Set	6755	7903
353	43.18	3x400 Sqmm	288329	Set	8296	9706
		<b>11kV Heat Shrinkable Straight Through Jointing Kits for PILC Cable with Copper Lugs &amp; Al Ferrules</b>				
354	43.19	3x95 Sqmm	288450	Set	5909	6914
355	43.20	3x240 Sqmm	288452	Set	6677	7812
356	43.21	3x400 Sqmm	288453	Set	8067	9438
	<b>44</b>	<b>Service Connection Accessories</b>				
357	44.01	Pole Mounted Fibre Glass Reinforced Aerial Fuse Board 60 Amps - 3 Way (Dwg No. BESCOM/GM/QS&S/24 Dtd 24.11.2018)	612614	No	936	936
358	44.02	Pole Mounted Fibre Glass Reinforced Aerial Fuse Board 30 Amps - 3 Way	612615	No	669	669
359	44.03	FGRP Aerial Fuse Boards 30 Amps - 4 Way	612617	No	872	872
360	44.04	FGRP Aerial Fuse Boards 30 Amps - 5 Way	612618	No	987	987
361	44.05	FGRP Aerial Fuse Boards 30 Amps - 6 Way	612616	No	1081	1081
	<b>45</b>	<b>LT Service Connector</b>				
362	45.01	For Weasel	288502	No	26	28
363	45.02	For Rabbit	288503	No	26	28
	<b>46</b>	<b>PVC Pipes as per IS-2509</b>				
		<b>A. Pipes</b>				
364	46.01	PVC Pipe - 20 mm Dia	778020	Mtr	19	19
365	46.02	PVC Pipe - 25 mm Dia	778025	Mtr	25	25
366	46.03	PVC Pipe - 32 mm Dia	778032	Mtr	41	41
367	46.04	PVC Pipe - 40 mm Dia	778040	Mtr	46	46
368	46.05	PVC Pipe - 50 mm Dia	778050	Mtr	52	52
369	46.06	PVC Pipe - 63 mm Dia	778063	Mtr	68	68
370	46.07	PVC Pipe - 75 mm Dia	778075	Mtr	80	80
371	46.08	PVC Pipe - 80 mm Dia	778080	Mtr	112	112
372	46.09	PVC Pipe - 100 mm Dia	778100	Mtr	128	128
373	46.10	PVC Pipe - 150 mm Dia	778105	Mtr	267	267

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I
374	46.11	PVC Pipe - 200 mm Dia	778110	Mtr	403	403
		<b>B. Bends</b>				
375	46.12	PVC Bend - 20 mm Dia	778000	No	6	6
376	46.13	PVC Bend - 25 mm Dia	778001	No	9	9
377	46.14	PVC Bend - 32 mm Dia	778002	No	20	20
378	46.15	PVC Bend - 40 mm Dia	778003	No	32	32
379	46.16	PVC Bend - 50 mm Dia	778004	No	49	49
380	46.17	PVC Bend - 63 mm Dia	778005	No	60	60
381	46.18	PVC Bend - 75 mm Dia	778006	No	65	65
382	46.19	PVC Bend - 80 mm Dia	778007	No	92	92
383	46.20	PVC Bend - 100 mm Dia	778008	No	138	138
384	46.21	PVC Bend - 150 mm Dia	778009	No	183	183
385	46.22	PVC Bend - 200 mm Dia	778010	No	233	233
	<b>47</b>	<b>GI Pipes B - Class as per IS-1239</b>				
386	47.01	GI Pipe - 20 mm Dia	768040	Mtr	101	120
387	47.02	GI Pipe - 25 mm Dia	768042	Mtr	142	168
388	47.03	GI Pipe - 32 mm Dia	768043	Mtr	191	226
389	47.04	GI Pipe - 40 mm Dia	768044	Mtr	202	240
390	47.05	GI Pipe - 50 mm Dia	768046	Mtr	262	311
391	47.06	GI Pipe - 63 mm Dia	768047	Mtr	284	337
392	47.07	GI Pipe - 65 mm Dia	768048	Mtr	375	445
393	47.08	GI Pipe - 100 mm Dia	768052	Mtr	1047	1242
394	47.09	GI Pipe - 150 mm Dia	768058	Mtr	1048	1243
	<b>48</b>	<b>1.1KV Class HR (Heat Resistant) PVC Insulated &amp; Sheathed Aluminium Single core wires as per IS-694: 2010</b>				
395	48.01	PVC Wire - 2.5 Sqmm Weight per 100mtr Coil: 1.8 Kgs	289022	100 Mtr	876	876
396	48.02	PVC Wire - 4 Sqmm Weight per 100mtr Coil: 2.4 Kgs	289023	100 Mtr	1060	1060
397	48.03	PVC Wire - 6 Sqmm Weight per 100mtr Coil: 3.5 Kgs	289024	100 Mtr	1282	1282
398	48.04	PVC Wire - 10 Sqmm Weight per 100mtr Coil: 5.3 Kgs	289025	100 Mtr	1739	1739
	<b>49</b>	<b>1.1KV Class HR (Heat Resistant) PVC Insulated &amp; UnSheathed Aluminium Wires Multistrand Single core Lead wires as per IS-694: 2010</b>				
399	49.01	PVC Wire - 16 Sqmm Al Wt: 4.2 Kgs, Total Wt: 7.5Kgs for 100Mtrs	289026	100 Mtr	2341	2341
400	49.02	PVC Wire - 25 Sqmm Al Wt: 6.7 Kgs, Total Wt: 11.5Kgs for 100Mtrs	289027	100 Mtr	3231	3231
401	49.03	PVC Wire - 35 Sqmm Al Wt: 9.3 Kgs, Total Wt: 14.5Kgs for 100Mtrs	289028	100 Mtr	3607	3607
402	49.04	PVC Wire - 50 Sqmm Al Wt: 13.8 Kgs, Total Wt: 22 Kgs for 100Mtrs	289029	100 Mtr	4431	4431
403	49.05	PVC Wire - 70 Sqmm Al Wt: 18.7 Kgs, Total Wt: 28.5Kgs for 100Mtrs	289030	100 Mtr	6650	6650
404	49.06	PVC Wire - 95 Sqmm Al Wt: 25 Kgs, Total Wt: 36Kgs for 100Mtrs	289031	100 Mtr	8163	8163
405	49.07	PVC Wire - 120 Sqmm Al Wt: 32 Kgs, Total Wt: 45.5Kgs for 100Mtrs	289032	100 Mtr	10704	10704
406	49.08	PVC Wire - 150 Sqmm Al Wt: 41.4 Kgs, Total Wt: 57Kgs for 100Mtrs	289033	100 Mtr	13180	13180

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407	49.09	PVC Wire - 185 Sqmm Al Wt: 49 Kgs, Total Wt: 68Kgs for 100Mtrs	289034	100 Mtr	15207	15207
408	49.1	PVC Wire - 240 Sqmm Al Wt: 63.5 Kgs, Total Wt: 87Kgs for 100Mtrs	289036	100 Mtr	19854	19854
	<b>50</b>	<b>Fuse Wires</b>				
409	50.01	Tinned Copper Fuse Wire, 5A	625020	KG	641	775
410	50.02	Tinned Copper Fuse Wire, 10A	625230	KG	641	775
411	50.03	Tinned Copper Fuse Wire, 20A	625250	KG	641	775
412	50.04	Tinned Copper Fuse Wire, 100A	625075	KG	641	775
	<b>51</b>	<b>Porcelain cut outs (500 Volts)</b>				
413	51.01	15/16A	300003	No	34	34
414	51.02	30/32A	300005	No	48	48
415	51.03	60/63A	300007	No	144	144
416	51.04	100A	300010	No	259	259
417	51.05	200A	300020	No	412	412
418	51.06	300A	300030	No	756	756
	<b>52</b>	<b>Grounding Materials</b>				
		<b>Pipe Grounding</b>				
419	52.01	GI Grounding pipe, B - Class, 42mm dia, 2.5mtrs long, 3.2mm thick with bolts nuts, GI Strips and washers complete Minimum Weight of GI Pipe: 7.3 Kgs	281674	No	592	626
420	52.02	Good Quality well burnt Charcoal for grounding purposes packed in non returnable gunny bags of 30kg each	600095	No	412	600
421	52.03	Good Quality Salt for grounding purposes packed in 50kg gunny bags	607054	Bag	275	275
		<b>Rod Earthing</b>				
422	52.04	Rod type of earthing using 40mm dia, 3mtr long MS rod as ground rod, in earth pit of 300mm width and 3300mm depth and using 50x6mm flat welded to ground rod as terminal & connected to equipment ground terminal using PVC Al wire as specified	281685	No	1832	1832
423	52.05	Bentonite clay slurry for earthing in 50 kg bags	607220	50 KG Bag	326	326
	<b>53</b>	<b>Alkathine tube</b>				
424	53.01	Transparent Alkathine tube 19mm dia, 2mm thick in coils of 30 mtrs	821900	Coil	458	458
	<b>54</b>	<b>Measuring Equipments</b>				
425	54.01	LT Electronic Tri - Vector Meter 5A, Class-0.5 accuracy	357510	No	2061	2061
426	54.02	HT Electronic Tri - Vector Meter 5A, 3 phase 3 wire DLMS Meter Class-0.5 accuracy	357512	No	2382	2382
427	54.03	HT ETV Meter 0.2 Accuracy Class with ABT feature and DLMS protocol with ToD with RS 232 Port UNIDIRECTIONAL	357325	No	New Item	17000
428	54.04	HT ETV Meter 0.2 Accuracy Class with ABT feature and DLMS protocol with ToD with RS 232 Port BIDIRECTIONAL	357326	No	New Item	19470
429	54.05	LT Single phase 5-30A, DLMS complaint static energy meter, class-1.0 Accuracy	357006	No	671	671
430	54.06	LT AC 3 Phase 4 wire, 5-30A DLMS complaint Energy Meter, Class - 1.0 Accuracy	357531	No	2244	1731



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431	54.07	LT Three phase, 4wire, CT Operated DLMS complaint ETV meter-5A, class 0.5s Accuracy	357519	No	2244	2525
432	54.08	Pre - paid Energy meter single phase, 5-30A, Class-1 with key pad Technology consumer interface unit along with Pillfer proof box	357580	No	9832	6993
433	54.09	Pre - paid Energy meter single phase, 5-30A, Class-1 with card Technology	357581	No	New Item	12173
434	54.10	Pre - paid Energy meter three phase, 5-30A, Class-1 with key pad technology consumer interface unit along with Pillfer proof box	357585	No	12396	10078
435	54.11	Pre - paid Energy meter three phase, 5-30A, Class-1 with card technology	357586	No	New Item	13617
436	54.12	HT 3 phase 4 wire static meter (CT, PT operated) 3 x 63.5 V, 1 Amps class 0.2s with RS - 485 & ABT features	357514	No	13507	13507
437	54.13	LT Three phase Four Wire 5-30A Thread through type composite Meter Housing Box consisting of ETV Meter with AMR comply and LTCT with built in GSM/GPRS modem (as per technical specification ) upto 100kVA Distribution Transformer.	357515	No	17529	17529
438	54.14	Numerical Over Current & Earth Fault Protecion Relay with Accessories for NJY Works	357517	No	10620	10620
	<b>55</b>	<b>Meter Protection/Tamper Proof Boxes (MS) for LT Installations 25 HP and above</b>				
439	55.01	Meter Protection/Tamper Proof box with busbar, for LT 3 Ph with CT Ratio 50/5A, Class-1 Accuracy	358040	No	6156	6156
440	55.02	Meter Protection/Tamper Proof box with busbar, for LT 3 Ph with CT Ratio 75/5A, Class-1 Accuracy	358023	No	5716	5716
441	55.03	Meter Protection/Tamper Proof box with busbar, for LT 3 Ph with CT Ratio 100/5A, Class-1 Accuracy	358030	No	5452	5452
442	55.04	LT Metering Box for housing the ETV Meters without CT's busbar wiring etc;	358050	No	3664	3664
443	55.05	Pillfer proof box for below 25HP Installations	612655	No	295	295
444	55.06	SMC Single Phase Meter protection box	358005	No	Will be Intimated	480
445	55.07	Sheet Metal/Deep Drawn LT Metering box with wiring arrangement for Modems and DLMS meters without CTs	358076	No	3664	3664
446	55.08	Sheet Metal/Deep Drawn Street Lighting Metering Box with Automatic Control Swith, Contactors with Single Phase 5-30 Amps meter & 50/5A CT	358078	No	6500	5954
447	55.09	Numerical Poly Carbonate Seals	626234	No	8	10
448	55.10	Meter Sealing Wire	626500	KG	153	181
449	55.11	High security label seal	357590	No	5	5
450	55.12	Poly carbonate sealing bits with out number	626233	No	6	6
	<b>56</b>	<b>LT Current Transformers, 3.75 VA, Ring type as per IS-2705 Part-1&amp;2</b>				
451	56.01	CT Ratio - 25/5A, Class-1 Accuracy	336005	No	511	548
452	56.02	CT Ratio - 30/5A, Class-1 Accuracy	336006	No	511	548
453	56.03	CT Ratio - 50/5A, Class-1 Accuracy	336010	No	507	544

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454	56.04	CT Ratio - 75/5A, Class-1 Accuracy	336015	No	422	453
455	56.05	CT Ratio - 50/5A, Class-0.5 Accuracy	336016	No	504	541
456	56.06	CT Ratio - 75/5A, Class-0.5 Accuracy,	336017	No	321	344
457	56.07	CT Ratio - 100/5A, Class-0.5 Accuracy	336020	No	374	401
458	56.08	CT Ratio - 150/5A, Class-0.5 Accuracy	336025	No	280	300
459	56.09	CT Ratio - 200/5A, Class-0.5 Accuracy	336030	No	330	354
460	56.10	CT Ratio - 300/5A, Class-0.5 Accuracy	336035	No	330	354
461	56.11	CT Ratio - 400/5A, Class-0.5 Accuracy	336040	No	330	354
462	56.12	CT Ratio - 600/5A, Class-0.5 Accuracy	336046	No	371	398
463	56.13	CT Ratio - 800/5A, Class-0.5 Accuracy	336050	No	371	398
	<b>57</b>	<b>Instrument Transformers (PTs &amp; CTs) as per IS-2705 Part-1&amp;2</b>				
		<b>11KV PTs</b>				
464	57.01	PT 11kV/110V, 50VA, Single phase Insulation level 15/35/95 kV as per IS 3156, Accuracy class 0.5	335230	No	7906	8535
465	57.02	PT 11KV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ , 25VA, Single phase Insulation level 15/35/95 kV as per IS 3156, Accuracy class 0.2	335232	No	8428	9099
466	57.03	PT 11kV Station Type Three phase	335220	No	22086	30849
		<b>11KV CTs (Secondary - 1A) for 3 phase - 4 wire Metering, Burden: 2.5VA Accuracy Class 0.2</b>				
467	57.04	Ratio: 1.25/1A to 2.5/1A	336336	No	7438	8031
468	57.05	Ratio: 5/1A to 100/1A	336337	No	6376	6883
469	57.06	Ratio: 125/1A to 200/1A	336338	No	6825	7368
470	57.07	Ratio: 225/1A to 400/1A	336339	No	7438	8031
	<b>58</b>	<b>HT Metering Equipments</b>				
471	58.01	11kV HT Metering cubicle of different CT Ratio, Both side cable entry type with 3CT & 3PTs, With Transparent Cover TTb, with 30x8mm Cu Bus bars, Modem and 2 Nos of Meters for 3Ph 4 Wire Metering <b>without Load Break Switch</b> (HT Metering Box Fabricated out of 3mm MS Sheet duly epoxy powder coated) as per revised Specification (Dwg No. BESCOM/GM/QS&S/-- Dtd 24.11.2018)	358351	No	128784	188292
	<b>59</b>	<b>UPS on Line</b>				
472	59.01	1KVA with required Tubular Batteries	344901	Set	22738	22738
473	59.02	5KVA with required Tubular Batteries	344905	Set	83407	83407
	<b>60</b>	<b>Heavy Duty Copper Terminals Long Barrel</b>				
474	60.01	25 Sqmm Copper Terminals, Apprx Wt: 11 gms	288527	No	18	19
475	60.02	35 Sqmm Copper Terminals, Apprx Wt: 17 gms	288528	No	25	27
476	60.03	50 Sqmm Copper Terminals, Apprx Wt: 26 gms	288529	No	37	40
477	60.04	70 Sqmm Copper Terminals, Apprx Wt: 38 gms	288530	No	57	61
478	60.05	95 Sqmm Copper Terminals, Apprx Wt: 58 gms	288531	No	82	88
479	60.06	120 Sqmm Copper Terminals, Apprx Wt: 64 gms	288532	No	90	96
480	60.07	150 Sqmm Copper Terminals, Apprx Wt: 98 gms	288533	No	118	126
481	60.08	185 Sqmm Copper Terminals, Apprx Wt: 158 gms	288534	No	176	188
482	60.09	225 Sqmm Copper Terminals	288535	No	224	240
483	60.10	240 Sqmm Copper Terminals, Apprx Wt: 218 gms	288536	No	228	244
484	60.11	300 Sqmm Copper Terminals	288537	No	331	354
485	60.12	400 Sqmm Copper Terminals, Apprx Wt: 395 gms	288538	No	555	593
	<b>61</b>	<b>Al End Terminals (Lugs)</b>				

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486	61.01	10 Sqmm	288630	No	2	2
487	61.02	16 Sqmm	288631	No	2	2
488	61.03	25 Sqmm	288632	No	3	3
489	61.04	32 Sqmm	288633	No	4	4
490	61.05	50 Sqmm	288634	No	7	8
491	61.06	70 Sqmm	288635	No	11	12
492	61.07	95 Sqmm	288636	No	13	14
493	61.08	120 Sqmm	288637	No	17	18
494	61.09	150 Sqmm	288638	No	20	22
495	61.10	185 Sqmm	288639	No	32	35
496	61.11	225 Sqmm	288640	No	35	38
497	61.12	240 Sqmm	288641	No	51	55
498	61.13	300 Sqmm	288642	No	60	65
499	61.14	400 Sqmm	288643	No	79	85
	<b>62</b>	<b>TOOLS AND PLANT</b>				
500	62.01	Battery Hydrometer with syring suitable for vent holes	429810	No	112	250
501	62.02	Multimeter Electronic Type	359215	No	1007	1007
502	62.03	Multimeter Electromechanical Type	359210	No	1811	1811
503	62.04	Rubber Hand gloves 15kV, SEAMLESS Confirming to ISS (Sample to be verified for seamless before approval) for electrical purpose	427252	Pair	1102	1102
504	62.05	Thermometer (Wall Mounted)	430395	No	258	258
505	62.06	Portable Drilling Machine	410020	No	2405	2405
506	62.07	Megger 500 V	359400	No	2517	2517
507	62.08	Megger 2.5kV - 5kV	359450	No	5033	5033
508	62.09	Silica Gel	607056	KG	190	190
509	62.10	Telescopic Earthing Rods	427215	Nos	1403	1528
510	62.11	Panel Indication Lamps	611972	No	15	15
511	62.12	Ring Spanners	424000	Set	1764	1764
512	62.13	Tube Spanners	424150	Set	671	671
513	62.14	Pipe Wrench 24 Inches Size	424410	No	881	881
514	62.15	Pipe Wrench 18 Inches Size	424408	No	336	336
515	62.16	Double End Spanner	424300	Set	317	317
516	62.17	Hack Saw Frames + B185	418170	No	112	112
517	62.18	Hand Torch 5 Celled	427405	No	146	146
518	62.19	Hand Torch 3 Celled	427403	No	73	73
519	62.20	Rechargable LED Hand Torch	427408	No	826	985
520	62.21	Insulated cutting pliers 12 inches size	425040	No	243	280
521	62.22	Insulated cutting pliers 8 inches size	425041	No	170	200
522	62.23	Live Line Tester (HT)	440000	No	78	78
523	62.24	LT Line Tester	440005	No	43	50
524	62.25	High Voltage Detector	440008	No	17743	17743
525	62.26	Screw driver 18 Inches Size	425522	No	89	110
526	62.27	Screw driver 12 Inches Size	425521	No	77	95
527	62.28	Screw driver 8 Inches Size	425518	No	81	90
528	62.29	Hammer 8 Lbs	418141	No	224	224
529	62.30	Hammer 2 Lbs	418100	No	168	168
530	62.31	Allen Keys	424260	No	215	215
531	62.32	Adjustable Screw Spanner 8 Inches	424364	No	159	180
532	62.33	Adjustable Screw Spanner 12 Inches	424365	No	254	300
533	62.34	Box Spanners	424120	Set	2237	2500
534	62.35	Transil Oil Dielectric Breakdown Test Kit	440060	No	70464	70464
535	62.36	SF6 Gas Leak Detector	440830	No	35276	35276

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536	62.37	DC Volt Meter Range - 3V to +5V	359180	No	503	503
537	62.38	Specific Gravity Correction Chart	620172	No	159	159
538	62.39	Wall Mounting Type Holder for Hydrometer	430311	No	112	112
539	62.40	Earth Resistance Tester	359481	No	6040	6040
540	62.41	Rubber Apron	427341	No	207	207
541	62.42	Pippette	430140	No	391	391
542	62.43	Protective Goggle	427330	No	425	425
543	62.44	Acid Resisting jars (4 Pint capacity)	429814	No	419	419
544	62.45	Rubber Shoes Knee Height	427360	No	535	535
545	62.46	Glass Funnel	430200	No	117	117
546	62.47	Hickery Rods	427120	No	1070	1070
547	62.48	Manilla Rope 1"	406226	Mtr (100)	2106	2106
548	62.49	Manilla Rope 3/4"	406220	Mtr (100)	1911	1911
549	62.50	Polypropylene Rope of 26mm dia	406351	KG	224	224
550	62.51	Files of sizes	426000	Set	280	280
551	62.52	Safety Belts	427320	No	682	682
552	62.53	Safety Belts with Accessories	427321	Set	New Item	3640
553	62.54	Electrical Safety Helmets attached with Electronic Induction Tester	427311		907	1660
554	62.55	Hand Operated Crimping tool 25 Sqmm to 400 Sqmm	425320	No	8802	8802
555	62.56	Common Meter Reading Instrument	358361	No	28997	28997
556	62.57	Thermal Imaging Camera	440661	No	399299	399299
557	62.58	Hydraulic Crimping Tool with suitable Dies for crimping lugs of size upto 400Sqmm	425360	Set	10626	10626
558	62.59	Hi Visibility Reflective Jackets	407301	No	669	690
559	62.60	Hi Visibility Reflective Rain Wear	407302	No	Will be Intimated	2773
560	62.61	Protective Eye Wear for Safety with integral hands free LED Lighting	407303	No	Will be Intimated	1036
561	62.62	Safety shoes with Two Pairs of socks	427322	Pair	Will be Intimated	1729
562	62.63	Chain saw (Motorised), extremely robust and long lasting chain saw. Highly suitable for cutting firewood, thinning shrubs and bushes and shaping trees.	414371	Set	27731	27731
563	62.64	FRP wall Extension ladder	427075	Set	New Item	12980
564	62.65	LDPE Safety Cone with ESCOMs Logo	407370	No	Will be Intimated	1800
565	62.66	HM HDPE Flexible Poly Film Barricade Tape of 50 Microns with ESCOMs Logo, Caution, Danger & Men At Work	407375	Mtr	Will be Intimated	2.8
566	62.67	Men at work Sign Board	407380	No	Will be Intimated	2000
567	62.68	Insulated Crowbars	404065	No	Will be Intimated	750
568	62.69	Head Torch	427447	No	Will be Intimated	400
569	62.70	Insulated GOS Operating Handle/Rod for Redesigned & Modified GOS	503215	No	2125	2125
	<b>63</b>	<b>Miscellaneous Materials</b>				
570	63.01	Cable Covering Tiles 125x250x40 mm	801035	Per 1000	10000	10000
571	63.02	Cable Covering Tiles 125x125x40 mm	801034	Per 1000	5000	5000
572	63.03	RCC Hume Pipes 2000mm long 150mm dia	820672	No	300	300

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I
573	63.04	RCC Hume Pipes 2000mm long 200mm dia	820673	No	380	380
574	63.05	Collars for RCC hume pipe 150mm dia	820703	No	80	80
575	63.06	Collars for RCC hume pipe 200mm dia	820704	No	100	100
576	63.07	MS Pipe 200mm dia with collars	765050	Mtr	937	937
577	63.08	Burnt Bricks (class 35 modular)	802005	No	6	6
578	63.09	Wire cut bricks (Class 75 Modular)	802006	No	13	14
579	63.10	Pre - cast hollow blocks (40x20x20 cms) grade 30	802007	No	38	43
580	63.11	River Sand	800650	Cmt	1700	1700
581	63.12	Artificial Sand/Manufacture Sand	800651	Cmt	1700	1700
582	63.13	Cement in 50kg bags	800030	Bag	335	360
583	63.14	Ready Mix concrete M20 (1:1.5:3)	800660	Cmt	4600	5879
584	63.15	Ready Mix concrete M25 (1:1:2)	800661	Cmt	4800	6065
585	63.16	Spall (Jelly used for packing)	800662	Cmt	400	425
586	63.17	Stone Spalls	800663	Cmt	300	335
587	63.18	Stone Boulders	800664	Cmt	600	675
588	63.19	Route & Joint indicating slab with MS Anchor rod	802460	No	120	130
589	63.20	Black Cambric tape 25 mm wide 10mil thick and in rolls of 50 Mtr	622675	Roll	127	127
590	63.21	Yellow Cambric tape 25 mm wide 7mil thick and in rolls of 50 Mtr	622620	Roll	117	117
591	63.22	PVC Insulation Tapes 19 mm wide and in rolls of 10 Mtrs	622720	Roll	12	14
592	63.23	ACB Paint	632030	Ltr	160	160
593	63.24	Aluminium Paint	632013	Ltr	240	240
594	63.25	Grey Enamel Paint smoke/battle ship	632050	Ltr	303	303
595	63.26	Red Oxide Paint	632020	Ltr	120	120
596	63.27	Cotton Tapes 19 mm wide and in rolls of 50 Mtrs	622124	Roll	37	37
597	63.28	Cotton Waste	627520	KG	50	50
598	63.29	Hack saw blade 300x12.5 mm	418185	No	8	8
599	63.30	TW plate 300x300x25 mm with 20mm dia holes at the corners and coated with two coats of varnish on one side/SMC board.	612621	No	257	257
600	63.31	TW Meter Board, 300x300x75mm, coated with varnish/SMC board	612623	No	123	123
601	63.32	Monoplast	506559	100 Gms	62	62
602	63.33	Bitumen Compound	604060	KG	73	73
	<b>64</b>	<b>1.1kV Class HR (Heat Resistant) PVC Insulated, Copper Control cables as per IS-554 (Part-1) followed as per KPTCL Specifications Armouring wires dia in average <math>\pm</math> 2.5% and resistivity 14.0 Ohms/KM (Max) as per IS-3975</b>				
603	64.01	2 Core, 2.5 Sqmm, 18 No GI Wires (1.4mm)	289352	KM	59622	62161
604	64.02	4 Core, 2.5 Sqmm, 21 No GI Wires (1.4mm)	289354	KM	84804	89713
605	64.03	6 Core, 2.5 Sqmm, -- No GI Wires (1.4mm)	289355	KM	New Item	134570
606	64.04	8 Core, 2.5 Sqmm, -- No GI Wires (1.4mm)	289356	KM	New Item	179426
607	64.05	10 Core, 2.5 Sqmm, 28 No GI Wires (1.6mm)	289360	KM	191783	203868
608	64.06	14 Core, 2.5 Sqmm, 32 No GI Wires (1.6mm)	289364	KM	265958	282810
609	64.07	19 Core, 2.5 Sqmm, 36 No GI Wires (1.6mm)	289369	KM	358382	381130
610	64.08	2 Core, 4 Sqmm, 21 No GI Wires (1.4mm)	289370	KM	81483	85471
611	64.09	2 Core, 6 Sqmm, 24 No GI Wires (1.4mm)	289452	KM	103343	109121
612	64.10	2 Core, 10 Sqmm, 26 No GI Wires (1.6mm)	289472	KM	134202	143093
613	64.11	4 Core, 4 Sqmm, 24 No GI Wires (1.4mm)	289404	KM	174469	182222
614	64.12	4 Core, 6 Sqmm, 25 No GI Wires (1.6mm)	289454	KM	168927	180421

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I
615	64.13	4 Core, 10 Sqmm, 28 No GI Wires (1.6mm)	289474	KM	283950	303134
616	64.14	4 Core, 16 Sqmm, 30 No GI Wires (1.6mm)	289484	KM	420280	450390
617	64.15	4 Core, 25 Sqmm, 36 No GI Wires (1.6mm)	289485	KM	New Item	712000
618	64.16	LED Bulb	446068	No	New Item	70
619	64.17	LED Tube Light	446069	No	New Item	220
620	64.18	LED Tube Light Fitting with Tube	446070	No	New Item	1000
621	64.19	Automatic Switches for Street Lights	612645	No	2245	2245
622	64.20	Caution/Danger Board	613050	No	146	146
623	64.21	Standard Torch Cell 1.5V	612660	No	13	13
624	64.22	Street light metering box made of MS sheet steel with clamps	358012	No	2140	1500
625	64.23	Street light metering box made of SMC	358013	No	1901	1901
	<b>65</b>	<b>Bolts &amp; Nuts of Sizes Full Thread as per IS-1367</b>				
		<b>MS</b>				
626	65.01	16x40mm	733612	MT	70464	84092
627	65.02	16x50mm	733613	MT	70464	84092
628	65.03	16x65mm	733616	MT	70464	84092
629	65.04	16x75mm	733618	MT	70464	84092
630	65.05	16x85mm	733620	MT	70464	84092
631	65.06	16x100mm	733623	MT	70464	84092
632	65.07	16x125mm	733625	MT	70464	84092
633	65.08	16x150mm	733628	MT	70464	84092
634	65.09	16x175mm	733630	MT	70464	84092
635	65.10	16x200mm	733633	MT	70464	84092
636	65.11	16x225mm	733634	MT	70464	84092
		<b>GI</b>				
637	65.12	16x40mm	280612	MT	95071	112735
638	65.13	16x50mm	280613	MT	95071	112735
639	65.14	16x65mm	280616	MT	95071	112735
640	65.15	16x75mm	280618	MT	95071	112735
641	65.16	16x85mm	280620	MT	95071	112735
642	65.17	16x100mm	280623	MT	95071	112735
643	65.18	16x125mm	280625	MT	95071	112735
644	65.19	16x150mm	280628	MT	95071	112735
645	65.20	16x175mm	280630	MT	95071	112735
646	65.21	16x200mm	280633	MT	95071	112735
647	65.22	16x225mm	280634	MT	95071	112735
	<b>66</b>	<b>LT Brass Terminal Connector for Transformer (630 Amps, Aprrox. Weight 0.790kg)</b>				
648	66.01	250 kVA	542180	No	919	1010
649	66.02	500 kVA	542185	No	919	1010
	<b>67</b>	<b>Brass Cable Glands</b>				
650	67.01	25mm	542190	No	70	77
651	67.02	32mm	542192	No	84	93
652	67.03	40mm	542194	No	131	144
653	67.04	45mm	542196	No	174	192

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I
	<b>68</b>	<b>FOR DISTRIBUTION TRANSFORMER CENTRES MS Box for housing the ETV Meter 3 phase 4 wire 5A, with associated LT CTs class 0.5 accuracy, ring type, with wiring clamps, B&amp;N and all other accessories required. (EXCLUDING ETV METER)</b>				
654	68.01	With CT Ratio 50/5 for 15/25kVA Distribution Transformer Centre	358055	Set	5187	<b>Will be worked after finalisation of rates</b>
655	68.02	With CT Ratio 100/5 for 50/63kVA Distribution Transformer Centre	358060	Set	4785	
656	68.03	With CT Ratio 150/5 for 100kVA Distribution Transformer Centre	358065	Set	4505	
657	68.04	With CT Ratio 400/5 for 250kVA Distribution Transformer Centre	358070	Set	4654	
658	68.05	With CT Ratio 800/5 for 500kVA Distribution Transformer Centre	358075	Set	4777	
		<b>SMC metering box as above</b>				
659	68.06	With CT Ratio 50/5 for 15/25kVA Distribution Transformer Centre	358056	Set	5187	<b>Will be worked after finalisation of rates</b>
660	68.07	With CT Ratio 100/5 for 50/63kVA Distribution Transformer Centre	358061	Set	4785	
661	68.08	With CT Ratio 150/5 for 100kVA Distribution Transformer Centre	358066	Set	4505	
662	68.09	With CT Ratio 400/5 for 250kVA Distribution Transformer Centre	358071	Set	4654	
663	68.10	With CT Ratio 800/5 for 500kVA Distribution Transformer Centre	358077	Set	4777	
	<b>69</b>	<b>COMPACT PRE - FABRICATED PACKAGED SUB - STATION as per IEC-60694/IS-3427</b>				
		<b>Compact Pre - fabricated Packaged Sub - Station 11kv/433V consisting of 3 way SF6/VCB insulated compact RMU, oil cooled CRGO/Amoprhous Core Star-2 rated (5-star) Transformer and LT section with one MCCB/ACB as incoming and following outgoing MCCB feeders and with enclosure made of electronically Galvanized steel sheet (min 2 mm Thickness) with powder coated finish, Cu bus bar with LT Metering facility</b>				
664	69.01	100kVA Al. Wound Transformer, 250A MCCB 50kA 4 pole fixed type micro processor based for LT incomer and 2 Nos. 100A MCCB 4 pole 36kA TM Based for out going	276530	Set	New Item	1293000
665	69.02	250kVA Al. Wound Transformer, 400A MCCB 50kA 4 pole fixed type micro processor based for LT incomer and 3 Nos. 250A MCCB 4 pole 36kA TM Based for out going	276540	Set	New Item	1655000

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I
666	69.03	500kVA Al. Wound Transformer, 800A ACB 50kA 4 pole fixed type micro processor based for LT incomer and 4 Nos. 250A MCCB 4 pole 36kA TM Based for out going	276550	Set	New Item	2176000
667	69.04	800kVA Copper Wound Transformer, 1250A ACB 50kA 4 pole fixed type micro processor based for LT incomer and 6 Nos. 250 A MCCB 4 pole 36kA TM Based for LT out going	276576	Set	New Item	2700000
668	69.05	1000 kVA Copper Wound Transformer, 1600A ACB 50kA 4 pole fixed type micro processor based for LT incomer and 2 Nos. 400A MCCB + 4 No.250A MCCB 4 pole 36 kA TM Based for LT out going.	276599	Set	New Item	3327000
669	69.06	800 kVA	321475	No	New item	1000000
670	69.07	1000 kVA	321490	No	New item	1500000
671	69.08	LT ACB 800A	310521	No	New item	211000
672	69.09	LT ACB 1250A	310522	No	New item	240000
673	69.10	LT ACB 1600A	310523	No	New item	300000
674	69.11	MCCB 250A	358093	No	New item	25900
675	69.12	MCCB 400A	358095	No	New item	33900
	<b>70</b>	<b>SCRAP MATERIALS</b>				
		<b>Note: The rates are indicative and the respective zones are authorized to fix the floor price suitably as approved in the Common SR 2012-13 meeting held on 09.11.2012 and confirmed vide proceedings CEE/T&amp;P/KPTCL-6998-7013 Dt: 15.11.2012</b>				<b>Excluding GST</b>
676	70.01	Released Copper Conductor	791210	KG	574	431
677	70.02	Copper winding released from failed distribution transformers	731211	KG	213	213
678	70.03	Copper Cable with Leads	791207	KG	275	275
679	70.04	Aluminium Bus Bars/Wire Pieces	791010	KG	137	169
680	70.05	Aluminium winding released from failed distribution transformers	791175	KG	144	140
681	70.06	Released ACSR Conductor	791101	KG	111	111
682	70.07	Released Aluminium cable	791531	KG	114	71
		<b>Iron Items</b>			0	
683	70.08	SM Rail Pole, I beam	790100	KG	35	25
684	70.09	Ladder Pole, Tower Parts, Tubular Poles	790101	KG	20	20
685	70.10	Cross arms,Clamps etc	790104	KG	22	27
686	70.11	Released steel from RCC Poles (Skeleton rods)	790103	KG	22	20
687	70.12	Barbed/Ground wire/Zinc sheet etc	790102	KG	22	20
688	70.13	Transformer Empty tanks of different capacity	790300	KG	19	20
689	70.14	Scrap GOS with Insulators	790401	KG	28	25
690	70.15	Broken Steel Furniture	790402	KG	29	29
691	70.16	Brass	791300	KG	195	195
692	70.17	Baliga Poles	793510	Rmtr	80	80
693	70.18	Scrap Wooden Furniture	793501	KG	18	18
694	70.19	Empty Barrel of 210 Litres Capacity - Good	442120	No	504	504
695	70.20	Empty Barrel of 210 Litres Capacity - Scrap	795030	No	315	320
696	70.21	Lead	791400	KG	89	89
697	70.22	Released HT Metering Cubicle, Distribution Boxes, Feeder Piller Boxes etc	795240	KG	20	21
698	70.23	Released Energy Meters	795910	KG	83	76



Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I
699	70.24	Released CTs & PTs	795500	KG	74	74
		<b>Scrap Wooden Reels</b>				
700	70.25	In good condition	793504	KG	16	16
701	70.26	Empty Wooden Reel Deteriorated and with iron Rods	793550	No	85	85
702	70.27	Scrap RMU with/without breaker (rusted & borken panles) MEI Make	795210	Ton	47801	47801
703	70.28	Scrap Transformer Oil	795211	Ltr	New Item	29

**Note:** Different makes of transformers have different sizes of tanks, different weights of coil, Core etc., and hence floor prices for transformer auction may be fixed accordingly

**Deleted Items in Schedule of Rate for Standard Stock Materials Common SR  
2018-19 (11KV System)**

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes	CSR 2018-19 Ford Rates in Rs inclusive of Taxes
	<b>1</b>	<b>Line Supports (POLES)</b>				
1	1.01	PSCC Pole - 9 Mtr Long, 160 KG WL in Transverse Direction & 136 KG WL in Longitudinal Direction	200007	No	3535	Deleted
2	1.02	Guy less poles			Will be Intimated	Deleted
3	1.03	Strut pole made of released MS Rail pole or Tubular pole along with clamp fish plate, bolts & nuts	200514	No	2008	Deleted
4	1.04	11Mtrs Long pole made of I Beam (MS) section size 200x100mm 25.9 KG/mtr	200621	No	15657	Deleted
5	1.05	11Mtrs Long pole made of I Beam (MS) section size 175x85mm 19.5 KG/mtr	200610	No	10712	Deleted
	<b>2</b>	<b>Cross Arms (MS &amp; GI)</b>				
6	2.01	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	-	No	167	Deleted
7	2.02	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - GI			226	Deleted
8	2.03	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for PSC Pole - MS	-	No	162	Deleted
9	2.04	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for PSC Pole - GI			218	Deleted
10	2.05	4 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	-	No	271	Deleted
11	2.06	4 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - GI			363	Deleted
12	2.07	4 Pin Cross Arm with pole clamp, bolt & nuts & washers for PSC Pole - MS	-	No	266	Deleted
13	2.08	4 Pin Cross Arm with pole clamp, bolt & nuts & washers for PSC Pole - GI			356	Deleted
14	2.09	11 kV Horizontal Cross Arm with single top support, clamp, Bolt & Nuts with washers for RCC Poles - MS	-	No	394	Deleted
15	2.10	11 kV Horizontal Cross Arm with single top support, clamp, Bolt & Nuts with washers for RCC Poles - GI			520	Deleted
16	2.11	11 kV Horizontal Cross Arm with single top support, clamp, Bolt & Nuts with washers for PSCC Poles - MS	-	No	389	Deleted
17	2.12	11 kV Horizontal Cross Arm with single top support, clamp, Bolt & Nuts with washers for PSCC Poles - GI			513	Deleted
18	2.13	Special 3 Pin Cross Arm, clamp and Bolt & Nuts for RCC Poles - MS	-	No	659	Deleted
19	2.14	Special 3 Pin Cross Arm, clamp and Bolt & Nuts for RCC Poles - GI			878	Deleted
20	2.15	Brace for LT 4pin X arm (600mm long) - MS	279082	No	193	Deleted
21	2.16	Brace for LT 4pin X arm (600mm long) - GI	280082	No	241	Deleted
22	2.17	Brace for 11 kV special 3pin X arm (900mm long) - MS	279083	No	268	Deleted
23	2.18	Brace for 11 kV special 3pin X arm (900mm long) - GI	280083	No	335	Deleted
	<b>3</b>	<b>Clamps A Type (MS &amp; GI)</b>				
24	3.01	PCC Pole clamp type A for LT X arm - MS	279502	No	45	Deleted
25	3.02	PCC Pole clamp type A for LT X arm - GI	280502	No	60	Deleted

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes	CSR 2018-19 Ford Rates in Rs inclusive of Taxes
26	3.03	PCC Pole clamp type A for X arm upto 1M from pole top - MS	279522	No	45	Deleted
27	3.04	PCC Pole clamp type A for X arm upto 1M from pole top - GI	280522	No	60	Deleted
28	3.05	Clamps for fixing MV Lamp control box, fuse box/St light fixture on rail pole - MS	279550	No	55	Deleted
29	3.06	RCC pole type C clamp for GOS Operating Handle	279524	No	55	Deleted
	<b>4</b>	<b>Insulators</b>				
30	4.01	11kV, 5KN Composite/Polymeric Pin Insulator (20 m dia FRP Rod)	283007	No	164	Deleted
31	4.02	11kV Solid Core Insulator	283315	No	151	Deleted
32	4.03	11kV Post Insulator	283101	No	357	Deleted
	<b>5</b>	<b>Accessories for composite insulator</b>				
33	5.01	Cross Arm Strap (MS)	279030	No	71	Deleted
34	5.02	Strain Clamp up to Rabbit ACSR	285058	No	168	Deleted
35	5.03	Strain Clamp for Coyote ACSR	285066	No	364	Deleted
	<b>6</b>	<b>Distribution Transformers - 3 Phase, 11kV/433V - Stacked Core with Oil</b>				
		<b>A. OPEN BUSHING TYPE</b>				
36	6.01	15kVA, Copper Winding	321301	No	45842	Deleted
37	6.02	25kVA, Aluminum Wdg (Conventional)	321304	No	51804	Deleted
38	6.03	25kVA, Aluminum Wdg, BEE 3 Star Rated	321433	No	51684	Deleted
39	6.04	63kVA, Aluminum Wdg	321306	No	74697	Deleted
40	6.05	63kVA, Aluminum Wdg, BEE 3 Star Rated	321434	No	93810	Deleted
41	6.06	100kVA, Aluminum Wdg	321310	No	93160	Deleted
42	6.07	100kVA, Aluminium Wdg, BEE 3 Star Rated	321435	No	121776	Deleted
43	6.08	250kVA, Aluminum Wdg	321325	No	209434	Deleted
44	6.09	250kVA, BEE 3 Star Rated/Energy Efficient	321436	No	254285	Deleted
45	6.10	500kVA, Aluminum Wdg	321350	No	331758	Deleted
46	6.11	500kVA, BEE 3 star rated		No	Will be Intimated	Deleted
		<b>B. CABLE ENTRY TYPE</b>				
47	6.12	25kVA, Aluminum Wdg, BEE 3 Star Rated	321441	No	71959	Deleted
48	6.13	63kVA, Aluminum Wdg, BEE 3 Star Rated	321442	No	115233	Deleted
49	6.14	100kVA, Aluminium Wdg, BEE 3 Star Rated	321443	No	152630	Deleted
50	6.15	250kVA, Aluminum Wdg	321444	No	217102	Deleted
51	6.16	500kVA, Aluminum Wdg	321445	No	340419	Deleted
	<b>7</b>	<b>Distribution Transformer - 3 Phase, 11kV/433V - Amorphous Core with Oil</b>				
		<b>A. OPEN BUSHING TYPE</b>				
52	7.01	25kVA, BEE 3 Star Rated	321376	No	Will be Intimated	Deleted
53	7.02	63kVA, BEE 3 Star Rated	321377	No	Will be Intimated	Deleted
54	7.03	100kVA, BEE 3 Star Rated	321380	No	Will be Intimated	Deleted
55	7.04	250kVA, BEE 3 Star Rated	321381	No	Will be Intimated	Deleted
56	7.05	500kVA, BEE 3 Star Rated	321382	No	Will be Intimated	Deleted
		<b>B. AMORPHOUS CORE - CABLE ENTRY TYPE</b>				
57	7.06	25kVA, BEE 3 Star Rated	321390	No	Will be Intimated	Deleted
58	7.07	63kVA, BEE 3 Star Rated	321391	No	Will be Intimated	Deleted
59	7.08	100kVA, BEE 3 Star Rated	321392	No	Will be Intimated	Deleted

Sl No	Item No	Name of the Material	Material Code	UoM	CSR 2016-17 Ford Rates in Rs inclusive of Taxes	CSR 2018-19 Ford Rates in Rs inclusive of Taxes
60	7.09	200kVA, BEE 3 Star Rated	321393	No	Will be Intimated	Deleted
61	7.10	500kVA, BEE 3 Star Rated	321394	No	Will be Intimated	Deleted
	<b>8</b>	<b>Distribution Transformer Self Protected 11kV/433V, 3 Phase</b>				
62	8.01	100 kVA	321365	No	121059	Deleted
63	8.02	250 kVA	321370	No	241188	Deleted
	<b>9</b>	<b>DTs - Single Phase, 11kV/250V</b>				
64	9.01	15kVA, Copper Wound with MCCB	321302	No	62890	Deleted
65	9.02	15kVA, Amorphous Core Copper Winding with MCCB	321303	No		Deleted
66	9.03	10kVA, Copper winding with MCCB	321300	No	44517	Deleted
	<b>10</b>	<b>Lightning Arresters</b>				
67	10.01	LA 9kV, 5kA, Metal Oxide	303200	No	686	Deleted
68	10.02	LA 9kV, 5kA, Polymeric Type	303205	No	1140	Deleted
	<b>11</b>	<b>Double Pole TC Sets for erection of Transformers on RCC/PSCC 9 Mtrs Long Poles</b>				
69	11.01	For 25/63kVA Transformer - MS	279110	Set	7615	Deleted
70	11.02	For 25/63kVA Transformer - GI	280110	Set	9673	Deleted
	<b>12</b>	<b>SPMT Materials for erection of Transformers on RCC/PSCC 9 Mtrs Long Poles</b>				
71	12.01	Single Pole Mounted Transformer kit for 100 kVA on 9 mtr RCC Poles - MS	279125	Set	6316	Deleted
72	12.02	Single Pole Mounted Transformer kit for 100 kVA on 9 mtr RCC Poles - GI	280125	Set	8033	Deleted
	<b>13</b>	<b>GOS</b>				
73	13.01	11kV, 200Amps Single Break GOS (Modified for making footpath free)			Will be Intimated	Deleted
	<b>14</b>	<b>LT Feeder Piller Box</b>				
74	14.01	Low Voltage Link Box - 2 Way	300315	No	Will be Intimated	Deleted
75	14.02	Low Voltage Link Box - 4 Way	300316	No	Will be Intimated	Deleted
	<b>15</b>	<b>Cast Iron Terminating Kit (Pothead) Suitable for 1.1kV Class LT UG Cables</b>				
76	15.01	2.5 to 25 Sqmm	288168	Set	191	Deleted
77	15.02	35 to 95 Sqmm	288169	Set	298	Deleted
	<b>16</b>	<b>11kV, 3 Core, XLPE HTUG Cable (FLAT Armoured), as per IS 7098 (Part -II) with Pressure Extruded PVC Inner Sheath</b>				
78	16.01	95 Sqmm, (31 GI Strips - 4.0 x 0.8mm)	287340	KM	591925	Deleted
79	16.02	120 Sqmm, (33 GI Strips - 4.0 x 0.8mm)	287342	KM	751688	Deleted
80	16.03	240 Sqmm, (40 GI Strips - 4.0 x 0.8mm)	287345	KM	1120404	Deleted
81	16.04	400 Sqmm, (47 GI Strips - 4.0 x 0.8mm)	287350	KM	1687794	Deleted
	<b>17</b>	<b>1.1kv, XLPE LTUG Cable</b>				
82	17.01	25 sq mm 3.5 Core	287257	KM	138000	Deleted
83	17.02	95 sq mm 3.5 Core	287261	KM	371000	Deleted
84	17.03	150 sq mm 3.5 Core	287262	KM	548000	Deleted
85	17.04	185 sq mm 3.5 Core	287263	KM	680000	Deleted
86	17.05	240 sq mm 3.5 Core	287264	KM	849000	Deleted
	<b>18</b>	<b>Conventional RMUs (VCB Type) with Copper Bus Bar, 350MVA, 630 Amps</b>				

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87	18.01	Single I/C Panel with DAS Specification	302484	Set	Will be Intimated	Deleted
88	18.02	<b>6 Way</b> RMU, 2OD + 4VL (One Incomer + Four Breakers + One Outgoing), 350MVA, 800Amps with <b>Cu Busbar</b>	302483	Set	2172221	Deleted
89	18.03	<b>5 Way</b> RMU, 2OD + 3VL (One Incomer + Three Breakers + One Outgoing), 350MVA, 800Amps with <b>Cu Busbar</b>	302310	Set	1811864	Deleted
90	18.04	<b>5 Way</b> RMU, 2OD + 3VL (One Incomer + Three Breakers + One Outgoing), 350MVA, 800Amps with <b>Al Busbar</b>	302311	Set	Will be Intimated	Deleted
91	18.05	<b>4 Way</b> RMU, 2OD + 2VL (One Incomer + Two Breakers + One Outgoing)	302312	Set	1451508	Deleted
92	18.06	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing)	302313	Set	1091151	Deleted
	<b>19</b>	<b>Conventional RMUs OD</b>				
93	19.01	One Breaker (VL) Panel with <b>Al Busbar</b>	302316	No	Will be Intimated	Deleted
94	19.02	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing), <b>350MVA</b> , 800Amps with <b>Cu Busbar</b>	302320	Set	Will be Intimated	Deleted
95	19.03	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing), <b>350MVA</b> , 800Amps with <b>Al Busbar</b>	302321	Set	Will be Intimated	Deleted
96	19.04	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing), <b>250MVA</b> , 400Amps, VCB Type with <b>Cu Busbar</b>	302325	Set	Will be Intimated	Deleted
97	19.05	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing), <b>250MVA</b> , 400Amps, VCB Type with <b>Al Busbar</b>	302326	Set	Will be Intimated	Deleted
98	19.06	Retrofitting of MEI make oil switch type OD with VCB	302470	No	Will be Intimated	Deleted
	<b>20</b>	<p><b>DAS Specification Compact RMU (VCB/SF6 Type)</b>  <b>The DAS RMUs shall have the following in addition to the Standards:</b></p> <ul style="list-style-type: none"> <li>• <b>DC motors, Numerical Relays, Multi-functional meters, fault passage indicator (FPI), Metering CTs, Protection CTs, Auxiliary transformers, Potential transformer, Batteries, Battery chargers (12V &amp; 24V), AC power socket and light for illumination of Control panel.</b></li> <li>• <b>Control cable from each panel shall be wired and terminated to suitable 24 pin connectors in the control panel.</b></li> <li>• <b>Suitable space for fixing the Remote Terminal Unit (RTU) and Radio Modem in Control panel.</b></li> <li>• <b>Suitable clamps for fixing Antenna Pipe</b></li> </ul>				
99	20.01	<b>6 Way</b> RMU, 2 OD + 4 VL (One Incomer + Four Breakers + One Outgoing) 630A with Copper Bus Bar			1300000	Deleted
	<b>21</b>	<b>Load Break Switches</b>				

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100	21.01	Load Break Switches Only Without Panel	506491	Unit	Will be Intimated	Deleted
101	21.02	3 Way Load Break Switch	506493	Unit	Will be Intimated	Deleted
	<b>22</b>	<b>Covered Conductor</b>				
102	22.01	11kV 70sq mm Covered Conductor		KM	Will be Intimated	Deleted
	<b>23</b>	<b>Measuring Equipments</b>				
103	23.01	HT Electronic Tri - Vector Meter 5A, Class-0.2 accuracy with ABT features	357500	No	10679	Deleted
	<b>24</b>	<b>11KV CTs (Secondary - 1A) for 3 phase - 4 wire Metering, Burden: 2.5VA Accuracy Class 0.2</b>				
104	24.01	CT - 11kV, 2.5/5A, Accuracy Class 0.5	336292	No	3664	Deleted
105	24.02	CT - 11kV, 5/5A, Accuracy Class 0.5	336294	No	3664	Deleted
106	24.03	CT - 11kV, 7.5/5A, Accuracy Class 0.5	336296	No	3664	Deleted
107	24.04	CT - 11kV, 10/5A, Accuracy Class 0.5	336302	No	3664	Deleted
108	24.05	CT - 11kV, 12.5/5A, Accuracy Class 0.5	336303	No	3664	Deleted
109	24.06	CT - 11kV, 15/5A, Accuracy Class 0.5	336304	No	3664	Deleted
110	24.07	CT - 11kV, 20/5A, Accuracy Class 0.5	336306	No	3893	Deleted
111	24.08	CT - 11kV, 25/5A, Accuracy Class 0.5	336308	No	3893	Deleted
112	24.09	CT - 11kV, 30/5A, Accuracy Class 0.5	336310	No	3893	Deleted
113	24.10	CT - 11kV, 40/5A, Accuracy Class 0.5	336341	No	3893	Deleted
114	24.11	CT - 11kV, 50/5A, Accuracy Class 0.5	336309	No	3893	Deleted
115	24.12	CT - 11kV, 60/5A, Accuracy Class 0.5	336342	No	3893	Deleted
116	24.13	CT - 11kV, 75/5A, Accuracy Class 0.5	336315	No	4122	Deleted
117	24.14	CT - 11kV, 100/5A, Accuracy Class 0.5	336321	No	4122	Deleted
118	24.15	CT - 11kV, 150/5A, Accuracy Class 0.5	336375	No	4122	Deleted
119	24.16	CT - 11kV, 200/5A, Accuracy Class 0.5	336325	No	4122	Deleted
120	24.17	CT - 11kV, 400/5A, Accuracy Class 0.5	336335	No	4351	Deleted
	<b>25</b>	<b>HT Metering Equipments</b>				
121	25.01	HT Metering cubicle, 11kV Class, all single ratio CTs including ETV Meter (2CT 2PT) Without Load Break Switch	358350	No	58481	Deleted
122	25.02	With Load Break Switch	358320	No	114049	Deleted
123	25.03	11kV HT Metering Panel 3 CT 3 PT for 3 Phase 4 Wire Metering With Transparent Cover TTB, with 30x8mm Cu Bus bars (HT Metering Box Fabricated out of 3mm MS Sheet duly epoxy powder coated, <b>Without Meter</b> )	358355	No	124204	Deleted
124	25.04	0.2 S Class ETV Meter with ABT Feature & DLMS Protocol with ToD	357518	No	18321	Deleted
	<b>26</b>	<b>Heavy Duty Copper Terminals</b>				
125	26.01	25 Sqmm Copper Terminals	288507	No	18	Deleted
126	26.02	35 Sqmm Copper Terminals	288508	No	19	Deleted
127	26.03	50 Sqmm Copper Terminals	288509	No	27	Deleted
128	26.04	70 Sqmm Copper Terminals	288510	No	45	Deleted
129	26.05	95 Sqmm Copper Terminals	288511	No	65	Deleted
130	26.06	120 Sqmm Copper Terminals	288512	No	71	Deleted
131	26.07	150 Sqmm Copper Terminals	288513	No	93	Deleted
132	26.08	185 Sqmm Copper Terminals	288514	No	129	Deleted
133	26.09	225 Sqmm Copper Terminals	288515	No	167	Deleted
134	26.10	240 Sqmm Copper Terminals	288516	No	169	Deleted
135	26.11	300 Sqmm Copper Terminals	288517	No	244	Deleted
136	26.12	400 Sqmm Copper Terminals	288518	No	409	Deleted
	<b>27</b>	<b>TOOLS AND PLANT</b>				
137	27.01	Grounding Sticks/Rods (Earthing Rods)	427210	Set	1913	Deleted
138	27.02	Hydrometer syring suitable for vent holes	422811	No	168	Deleted

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139	27.03	Rain Coats with Hoods	427300	No	437	Deleted
140	27.04	Safety Helmets	427310	No	125	Deleted
141	27.05	Leather Shoes	407304	Pair	Will be Intimated	Deleted
142	27.06	Socks	407305	Pair	Will be Intimated	Deleted
143	27.07	Waist Leather Belt	407306	No	Will be Intimated	Deleted
144	27.08	Search Lights (Hand Held & Fixable to Vehicle)	427440	No	Will be Intimated	Deleted
145	27.09	Helmet with Miner Light	427312	No	Will be Intimated	Deleted
146	27.10	Foldable Insulated Fibre Ladder	427076	No	Will be Intimated	Deleted
147	27.11	Flurocent Light Fitting	446024	No	309	Deleted
148	27.12	Flurocent tube	611530	No	49	Deleted
149	27.13	T-5 Tubelight fitting Complete 28 watts with tube - 4 feet	446040	No	534	Deleted
150	27.14	Flurocent Lamp for above	446037	No	124	Deleted
151	27.15	T-5 Tubelight Fitting Complete 14 watts with tube - 2 feet	446038	No	516	Deleted
152	27.16	Floracent Lamp for above	611730	No	109	Deleted
153	27.17	Sodium Vapour Lamp (250W)	612645	No	789	Deleted
154	27.18	GI Bracket for Flurocent Tube	612240	No	364	Deleted
155	27.19	Sodium Vapour lamp Ignitors	278832/278811	No	273	Deleted
	<b>28</b>	<b>Compact Fluorescent Lamps</b>				
156	28.01	5 Watts	611545	No	121	Deleted
157	28.02	8 Watts	611548	No	126	Deleted
158	28.03	11 Watts	611551	No	146	Deleted
159	28.04	14 Watts	611554	No	141	Deleted
160	28.05	18 Watts	611558	No	180	Deleted
161	28.06	23 Watts	611563	No	204	Deleted
	<b>29</b>	<b>LT Capacitor 3 Ph Housed in a encloser with necessary fuses, wiring, mounting arrangement as per tech Spec</b>				
162	29.01	3 kVAr	333103	Set	811	Deleted
163	29.02	9 kVAr	333109	Set	1265	Deleted
164	29.03	18 kVAr	333118	Set	2162	Deleted
165	29.04	27 kVAr	333127	Set	3308	Deleted
166	29.05	54 kVAr	333154	Set	5685	Deleted
	<b>30</b>	<b>Installing RLMU for the Existing Distribution Transformer Center</b>				
167	30.01	Providing RLM Unit with necessary wiring for housing PLC, MCCB, MCB, Energy Meter, CTs, Cotactors etc., as per specification in Metallic Enclousure	358086	No	9849	Deleted
168	30.02	Programmable Logic Controllers with communication ports	358098	Set	17716	Deleted
169	30.02	GSM Modem	447662	No	7001	Deleted
		<b>MCCB</b>				
170	30.03	For 25 kVA, 40/60 Amps	358088	No	1360	Deleted
171	30.04	For 63 kVA, 100 Amps	358090	No	1374	Deleted
172	30.05	For 100 kVA, 160 Amps	358092	No	1557	Deleted
173	30.06	For 100 kVA, 250 Amps	358093	No	5026	Deleted
174	30.07	For 250 kVA, 400 Amps	358095	No	8933	Deleted
175	30.08	For 500 kVA, 630 Amps	358096	No	15069	Deleted
176	30.09	MCB 6 Amps	358094	No	192	Deleted
		<b>Contactors</b>				

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177	30.10	For 25 kVA, 40 Amps	352440	No	1841	Deleted
178	30.11	For 63 kVA, 100 Amps	352460	No	3005	Deleted
179	30.12	For 100 kVA, 160 Amps	352480	No	5290	Deleted
180	30.13	For 100 kVA, 225 Amps	352485	No	10434	Deleted
	<b>31</b>	<b>Compact Pre - fabricated Packaged Sub - station 11kV/433 V</b>				
		<b>Packaged Sub - Station 11kv/433V consisting of 3 way SF6/VCB insulated compact RMU, oil cooled/dry type copper wound transformer and L.T. section with one ACB as incoming and 7 No outgoing MCCB feeders and with encloser made of electronically Galvanized</b>				
181	31.01	With 100 kVA Oil Cooled Transformer	276530	No	Will be Intimated	Deleted
182	31.02	With 250 kVA Oil Cooled Transformer	276540	No	Will be Intimated	Deleted
183	31.03	With 500 kVA Oil Cooled Transformer	276550	No	Will be Intimated	Deleted
184	31.04	With 750 kVA Oil Cooled Transformer	276575	No	Will be Intimated	Deleted
185	31.05	With 990 kVA Oil Cooled Transformer	276590	No	Will be Intimated	Deleted
186	31.06	With 100 kVA Dry Type Transformer	276531	No	Will be Intimated	Deleted
187	31.07	With 250 kVA Dry Type Transformer	276541	No	Will be Intimated	Deleted
188	31.08	With 500 kVA Dry Type Transformer	276560	No	Will be Intimated	Deleted
189	31.09	With 750 kVA Dry Type Transformer	276585	No	Will be Intimated	Deleted
190	31.10	With 990 kVA Dry Type Transformer	276599	No	Will be Intimated	Deleted
		<b>Breakup prices of Copper wound Oil Cooled Distribution Transformer</b>				
191	31.11	500 kVA	321450	No	Will be Intimated	Deleted
192	31.12	750 kVA	321475	No	Will be Intimated	Deleted
193	31.13	990 kVA	321490	No	Will be Intimated	Deleted
194	31.14	LT ACB 2000A	310520	No	Will be Intimated	Deleted
195	31.15	MCCB 400A	358097	No	Will be Intimated	Deleted
	<b>32</b>	<b>SCRAP MATERIALS</b>				
		<b>Note: The rates are indicative and the respective zones are authorized to fix the floor price suitably as approved in the Common SR 2012-13 meeting held on 09.11.2012 and confirmed vide proceedings CEE/T&amp;P/KPTCL - 6998 - 7013 Dt: 15.11.2012</b>				<b>Excluding GST</b>
196	32.01	Copper Conductor	791200	KG	574	Deleted
197	32.02	Copper Ingots	791205	KG	396	Deleted
198	32.03	Aluminium wire in pieces	791100	KG	97	Deleted



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199	32.04	ACSR Conductor in Rings/Coils		KG	111	Deleted
200	32.05	Scrap HT/LT Aluminium Winding		KG	178	Deleted
201	32.06	Scrap Al Released From UG Cable	791530	KG	97	Deleted
		<b>Iron Items</b>			0	
202	32.07	Energy Meters (Electro Mech) 3 Phase	795920	KG	83	Deleted
203	32.08	Single/3 Phase Electronic Meters	795925	KG	83	Deleted
		<b>Scrap Distribution Transformer of Aluminium Winding (without oil)</b>				
204	32.09	15 kVA	795102	Each	5268	Deleted
205	32.10	25 kVA	795104	Each	6486	Deleted
206	32.11	63 kVA	795106	Each	9613	Deleted
207	32.12	100 kVA	795110	Each	17208	Deleted
208	32.13	200 kVA	795120	Each	30454	Deleted
209	32.14	250 kVA	795125	Each	41554	Deleted
210	32.15	300 kVA	795130	Each	33499	Deleted
211	32.16	500 kVA	795150	Each	40503	Deleted
		<b>Scrap Distribution Transformer of Copper Winding (without oil)</b>				
212	32.17	15 kVA	795101	Each	10786	Deleted
213	32.18	25 kVA	795164	Each	28866	Deleted
214	32.19	50 kVA	795165	Each	27825	Deleted
215	32.20	63 kVA	795166	Each	38759	Deleted
216	32.21	100 kVA	795170	Each	50279	Deleted
217	32.22	200 kVA	795180	Each	84168	Deleted
218	32.23	250 kVA	795182	Each	94130	Deleted
219	32.24	300 kVA	795190	Each	101624	Deleted
220	32.25	500 kVA	795195	Each	168761	Deleted
221	32.26	5 MVA	795198	Each	1013280	Deleted
		<b>Scrap CSP 11kV Distribution Transformer</b>				
222	32.27	15 kVA	795157	Each	10782	Deleted
223	32.28	25 kVA	795158	Each	6644	Deleted
224	32.29	63 kVA	795160	Each	11074	Deleted