

## Schedule of Rate for Standard Stock Materials Common SR 2021-22 (11 kV System)

SL No	Item No	Name of the Material	Material Code	UoM	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2021-22 Ford Rates in Rs inclusive of Taxes, F&I
	<b>1</b>	<b>Line Supports (Pole)</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	6258	7153
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	8226
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	4706	5306
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	2496	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	3054	3578
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	3689	4276
7	1.07	Pre-Stressed Tubular Spun Pole - 11 Mtr Long, 500 Kg WL (Dwg No. BESCO/GM/QS&S/45 Dtd 24.11.2018) as per IS-13158: 1991	200120	No	16850	18140
8	1.08	RCC Pole - 9.5 Mtr Long, 350 Kg WL for 33kV Line as per REC Standards	200107	No	7627	7627
9	1.09	PSCC Pole - 11 Mtr Long, 365 Kg WL for Intermediate Poles only as per REC Standards	200010	No	7874	7874
10	1.10	PSCC Pole - 9 Mtr Long, 300 Kg WL (Dwg No. BESCO/GM/QS&S/55 Dtd 24.11.2018) as per REC Standards	200005	No	4686	5050
		<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	11 kV, Horizontal Cross Arm - Mild Steel (MS) (Dwg No. BESCO/GM/QS&S/04 Dtd 24.11.2018)	279020	No	251	390
12	2.02	11 kV, Horizontal Cross Arm - Galvanised Iron (GI)	280020	No	333	505
13	2.03	11 kV, Special 3 Pin Cross Arm - MS (Dwg No. BESCO/GM/QS&S/03 Dtd 24.11.2018)	279013	No	590	921
14	2.04	11 kV, Special 3 Pin Cross Arm - GI	280013	No	787	1194
15	2.05	LT 4 Pin Cross Arm - MS (Dwg No. BESCO/GM/QS&S/32 Dtd 24.11.2018)	279014	No	191	303
16	2.06	LT 4 Pin Cross Arm - GI	280014	No	252	393
17	2.07	LT 2 Pin Cross Arm - MS (Dwg No. BESCO/GM/QS&S/32 Dtd 24.11.2018)	279012	No	87	138
18	2.08	LT 2 Pin Cross Arms - GI	280012	No	115	179
19	2.09	LT ST Support 50x6 mm Flat - MS (Dwg No. BESCO/GM/QS&S/32 Dtd 24.11.2018)	279091	No	44	66
20	2.10	LT ST Support 50x6 mm Flat - GI	280091	No	58	85

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21	2.11	HT ST Support 50x8 mm Flat - MS (Dwg No. BESCO/GM/QS&S/04 Dtd 24.11.2018)	279092	No	61	96
22	2.12	HT ST Support 50x6 mm Flat - GI	280092	No	78	125
23	2.13	LT Cross Arm for vertical Configuration - MS	279017	No	645	968
24	2.14	LT Cross Arm for vertical Configuration - GI	280017	No	808	1212
25	2.15	EG Stirrup (MS) with GI wire lacing	279130	No	191	287
26	2.16	Spiral Earth Electrode	281683	No	165	248
	<b>3</b>	<b>SMC Line Materials</b>				
27	3.01	11 kV, 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	155	191
29	4.02	GI Barbed wire (12 Mtr/Kg)	278911	Each	76	93
30	4.03	Guarding for Road crossing, Telephone Line Crossing, between HT & LT Line Crossing	278916	Mtr	80	98
	<b>5</b>	<b>Clamps A Type (MS &amp; GI) as per IS-1977</b>				
31	5.01	RCC Pole Clamp - MS (Dwg No. BESCO/GM/QS&S/30 Dtd 24.11.2018)	279523	No	53	89
32	5.02	RCC Pole Clamp - GI	280523	No	71	115
33	5.03	PSCC Pole (140 Kg WL) Clamp - MS (Dwg No. BESCO/GM/QS&S/31 Dtd 24.11.2018)	279503	No	44	76
34	5.04	PSCC Pole (140 Kg WL) Clamp - GI	280503	No	58	99
35	5.05	PSCC Pole (200 Kg WL) Clamp - MS (Dwg No. BESCO/GM/QS&S/31 Dtd 24.11.2018)	279510	No	47	85
36	5.06	PSCC Pole (200 Kg WL) Clamp - GI	280510	No	64	110
37	5.07	PSCC Pole (300 Kg WL) Clamp - MS (Dwg No. BESCO/GM/QS&S/59 Dtd 24.11.2018)	279511	No	56	92
38	5.08	PSCC Pole (300 Kg WL) Clamp - GI	280511	No	74	120
39	5.09	Guy Clamp - MS (Dwg No. BESCO/GM/QS&S/07 Dtd 24.11.2018)	279650	No	53	92
40	5.10	Guy Clamp - GI	280650	No	70	120
41	5.11	Turn Buckle (GI) (Dwg No. BESCO/GM/QS&S/07 Dtd 24.11.2018)	279146	No	168	252
42	5.12	Anchor Rod using 12 mm rounds/Guy Rod - MS (Dwg No. BESCO/GM/QS&S/07 Dtd 24.11.2018)	279140	No	194	265
43	5.13	Anchor Rod using 12 mm rounds/Guy Rod - GI	280140	No	266	344
44	5.14	MS Fish Plate	279800	No	54	81
45	5.15	GI Fish Plate	280800	No	62	93
46	5.16	Strain Clamp, 3 Bolt type for 70/90 kN Disc Insulator	285076	No	494	741
	<b>6</b>	<b>Insulator as per IS-1445 for Ceramic, IS-7935 for GI Pin, IEC-61109 for Polymeric</b>				
47	6.01	11 kV Ceramic Pin Insulator (Shell only)	283005	No	49	76
48	6.02	11 kV GI Pin for 11 kV Ceramic Shell Insulator	283055	No	56	69
49	6.03	1.1 kV Ceramic Pin Insulator (Shell only)	283003	No	18	28
50	6.04	1.1 kV GI Pin for 1.1 kV Ceramic Shell Insulator	283053	No	30	37
51	6.05	11 kV, 5 kN Composite/Polymeric Pin Insulator (24 mm dia FRP Rod)	283008		180	221
52	6.06	No. 8 Strain Insulator	283158	No	16	25
53	6.07	No. 15 Strain Insulator	283166	No	35	55
54	6.08	DISC Insulator 45 kN Porcelain	283040	No	301	470

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55	6.09	DISC Insulator 70 kN, Ball & Socket type porcelain	283017	No	431	Refer KPTCL SR
56	6.1	DISC Insulator 90 kN, Ball & Socket type porcelain	283018	No	493	Refer KPTCL SR
57	6.11	DISC Insulator 120 kN, Ball & Socket type porcelain	283021	No	568	Refer KPTCL SR
58	6.12	11 kV, 45 kN Polymeric Insulator	283320	No	164	202
59	6.13	11 kV, 70 kN Composite/Polymeric Insulator	283045	No	264	325
	<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 Kg/KM	284105	KM	21552	37018
61	7.02	Rabbit ACSR (6/3.35 mm Al + 1/3.35 mm St), Std Wt: 214 Kg/KM	284108	KM	36497	61515
62	7.03	Coyote ACSR (26/2.54 mm Al + 7/1.90 mm St), Std Wt: 521 Kg/KM	284116	KM	100111	152940
63	7.04	Lynx ACSR (30/2.79 mm Al + 7/2.79 mm St), Std Wt: 842 Kg/KM	284120	KM	148499	Refer KPTCL SR
	<b>8</b>	<b>Guy Wire &amp; GI Wire as per IS-2141</b>				
64	8.01	7/10 SWG Guy Wire (7/3.251 mm Dia), Std Wt: 680 Kg/KM	281110	MT	65137	80119
65	8.02	8 SWG GI Wire (4.064 mm Dia), Std Wt: 125 Kg/KM	281008	MT	63293	77850
66	8.03	10 SWG GI Wire (3.251 mm Dia), Std Wt: 128 Kg/KM	281010	MT	66777	82136
67	8.04	GI Barbed Wire 12 SWG	281205	MT	78584	96658
	<b>9</b>	<b>PG Clamp</b>				
68	9.01	Lynx ACSR	285518	No	269	395
69	9.02	Coyote to Coyote	285515	No	275	404
70	9.03	Rabbit to Rabbit	285508	No	79	116
71	9.04	Weasel to Rabbit	285549	No	67	98
72	9.05	Weasel to Weasel	285509	No	54	79
73	9.06	Squirrel to Weasel	285548	No	49	72
	<b>10</b>	<b>PG Clamp Rabbit to Insulated Wire</b>				
74	10.01	95 Sqmm (Dwg No. BESCO/GM/QS&S/43 Dtd 24.11.2018)	285555	No	108	159
75	10.02	120 Sqmm	285557	No	210	309
76	10.03	150 Sqmm	285559	No	248	365
77	10.04	185 Sqmm (Dwg No. BESCO/GM/QS&S/43 Dtd 24.11.2018)	285562	No	272	400
78	10.05	240 Sqmm (Dwg No. BESCO/GM/QS&S/43 Dtd 24.11.2018)	285565	No	316	465
79	10.06	T - Clamp for Rabbit conductor with hot dipped galvanized bolts, nuts and washers	285600	Set	244	359
80	10.07	T - Clamp for Coyote conductor with hot dipped galvanized bolts, nuts and washers	285605	Set	324	476
81	10.08	T - Clamp for Lynx to Lynx with hot dipped galvanized bolts, nuts and washers	285610	Set	337	Refer KPTCL SR
82	10.09	Single Tension Clamp Suitable for Rabbit	285068	No	501	Refer KPTCL SR

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83	10.10	Single Tension Clamp Suitable for Coyote	285079	No	706	Refer KPTCL SR
84	10.11	Pad Clamp for Rabbit ACSR	285723	No	387	569
85	10.12	Pad Clamp for Lynx ACSR	285726	No	535	Refer KPTCL SR
86	10.13	Pad Clamp for Coyote ACSR	285724	No	481	707
87	10.14	C - Type wedge connector + 2 hole padle for Rabbit ACSR	285661	No	364	Refer KPTCL SR
88	10.15	C - Type wedge connector + 2 hole padle for Coyote ACSR	285662	No	1512	Refer KPTCL SR
89	10.16	C - Type wedge connector + 4 hole padle for Coyote ACSR	285663	No	1736	Refer KPTCL SR
90	10.17	C - Type wedge connector + 2 hole padle for Lynx ACSR	285664	No	2297	Refer KPTCL SR
91	10.18	C - Type wedge connector + 4 hole padle for Lynx ACSR	285665	No	2521	Refer KPTCL SR
	<b>11</b>	<b>C - Type Wedge Connector</b>				
92	11.01	Rabbit to Rabbit ACSR	285670	No	126	185
93	11.02	Rabbit to Coyote ACSR	285671	No	654	961
94	11.03	Rabbit to Lynx ACSR	285673	No	654	Refer KPTCL SR
95	11.04	Coyote to Coyote ACSR	285676	No	654	961
96	11.05	Rabbit to 240 Sqmm Lead Wire	285694	No	654	961
97	11.06	Coyote to 240 Sqmm Lead Wire	285695	No	654	961
98	11.07	Coyote to Lynx ACSR	285678	No	1154	Refer KPTCL SR
99	11.08	Lynx to Lynx ACSR	285680	No	1154	Refer KPTCL SR
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/Cutout	285691	No	69	101
101	11.10	C wedge connector for connecting main wire of size 16/25 Sqmm from OH Rabbit line to AFB/Cutouts	285692	No	89	131
	<b>12</b>	<b>Distribution Transformer - 3 Phase, 11kV/433V - Stacked CRGO Core with Oil as per IS-1180 (Part-1): 2014</b>				
		<b>A. OPEN BUSHING TYPE</b>				
102	12.01	25 kVA, Aluminum Wdg, Star 1 (4 Star)	321437	No	64900	87950
103	12.02	25 kVA, Aluminum Wdg, Star 2 (5 Star)	321465	No	74635	102343
104	12.03	63 kVA, Aluminum Wdg, Star 1 (4 Star)	321438	No	120360	160000
105	12.04	63 kVA, Aluminum Wdg, Star 2 (5 Star)	321466	No	128304	176257
106	12.05	100 kVA, Aluminium Wdg, Star 1 (4 Star)	321439	No	148680	204320
107	12.06	100 kVA, Aluminium Wdg, Star 2 (5 Star)	321467	No	155931	214306
108	12.07	250 kVA, Aluminium Wdg, Star 1 (4 Star)	321440	No	336300	426500
109	12.08	250 kVA, Aluminium Wdg, Star 2 (5 Star)	321468	No	386745	520500
110	12.09	500 kVA, Aluminium Wdg, Star 1 (4 Star)	321449	No	566400	727500
111	12.10	500 kVA, Aluminium Wdg, Star 2 (5 Star)	321469	No	651360	878800
		<b>B. CABLE ENTRY TYPE</b>				
112	12.11	25 kVA, Aluminum Wdg, Star 1 (4 Star)	321446	No	67400	91450
113	12.12	25 kVA, Aluminum Wdg, Star 2 (5 Star)	321470	No	77135	105843
114	12.13	63 kVA, Aluminum Wdg, Star 1 (4 Star)	321447	No	122860	163500
115	12.14	63 kVA, Aluminum Wdg, Star 2 (5 Star)	321471	No	130804	179757
116	12.15	100 kVA, Aluminium Wdg, Star 1 (4 Star)	321448	No	151180	207820
117	12.16	100 kVA, Aluminium Wdg, Star 2 (5 Star)	321472	No	158431	217806
118	12.17	250 kVA, Aluminium Wdg, Star 1 (4 Star)	321451	No	338800	430000
119	12.18	250 kVA, Aluminium Wdg, Star 2 (5 Star)	321473	No	389245	524000
120	12.19	500 kVA, Aluminium Wdg, Star 1 (4 Star)	321452	No	568900	731000

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121	12.20	500 kVA, Aluminium Wdg, Star 2 (5 Star)	321474	No	653860	882300
	<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>				
122	13.01	25 kVA, Aluminium Wdg, Star 2 (5 Star)	321383	No	77880	103100
123	13.02	63 kVA, Aluminium Wdg, Star 2 (5 Star)	321384	No	133930	160900
124	13.03	100 kVA, Aluminium Wdg, Star 2 (5 Star)	321385	No	162840	212600
125	13.04	250 kVA, Aluminium Wdg, Star 2 (5 Star)	321386	No	466100	490200
126	13.05	500 kVA, Aluminium Wdg, Star 2 (5 Star)	321387	No	719800	940800
		<b>B. CABLE ENTRY TYPE</b>				
127	13.06	25 kVA, Aluminium Wdg, Star 2 (5 Star)	321460	No	80380	106600
128	13.07	63 kVA, Aluminium Wdg, Star 2 (5 Star)	321461	No	136430	164400
129	13.08	100 kVA, Aluminium Wdg, Star 2 (5 Star)	321462	No	165340	216100
130	13.09	250 kVA, Aluminium Wdg, Star 2 (5 Star)	321463	No	468600	493700
131	13.10	500 kVA, Aluminium Wdg, Star 2 (5 Star)	321464	No	722300	944300
	<b>14</b>	<b>11kV/433V, 3 Phase, Dry Type Transformer (CRGO) losses confirming to 5 Star rating as per IS-11171</b>				
132	14.01	25 kVA	321483	No	197914	298593
133	14.02	63 kVA	321484	No	245315	370107
134	14.03	100 kVA	321485	No	321938	485708
135	14.04	250 kVA	321486	No	549055	828359
136	14.05	500 kVA	321487	No	796956	1202368
	<b>15</b>	<b>Transformer Oil as per IS-335:1993</b>				
137	15.01	EHV Grade Transformer Oil - New	601400	KL	68415	87351
138	15.02	Reclaimed Oil	601410	KL	41049	52411
139	15.03	Contaminated Oil	601420	KL	20525	26205
140	15.04	Biodegradable Natural Ester Dielectric Fluid	601401	KL	123200	<b>Refer KPTCL SR</b>
	<b>16</b>	<b>Transformer Repairs</b> <b>Scope:</b> Repairs and Reconditioning of 11KV class single coil/multi coil Conventional (Aluminium wound) and 3/4/5 Star Rated failed Distribution Transformers of various Capacities and Conversion of CSP to Conventional bolt & nut type on lumpsum percentage (%) basis (Material, Labour & Salvage) at Transformer repair center				
141	16.01	25 kVA, Aluminium Wdg, Conventional	321501	Lumpsum	New Item	18864
142	16.02	63 kVA, Aluminium Wdg, Conventional	321502	Lumpsum	New Item	24453
143	16.03	100 kVA, Aluminium Wdg, Conventional	321503	Lumpsum	New Item	29839
144	16.04	200/250 kVA, Aluminium Wdg, Conventional	321504	Lumpsum	New Item	53414
145	16.05	500 kVA, Aluminium Wdg, Conventional	321505	Lumpsum	New Item	68311
146	16.06	25 kVA, Aluminium Wdg, 3/4/5 Star	321506	Lumpsum	New Item	27326
147	16.07	63 kVA, Aluminium Wdg, 3/4/5 Star	321507	Lumpsum	New Item	30025
148	16.08	100 kVA, Aluminium Wdg, 3/4/5 Star	321508	Lumpsum	New Item	33707
149	16.09	250 kVA, Aluminium Wdg, 3/4/5 Star	321509	Lumpsum	New Item	69044
150	16.10	500 kVA, Aluminium Wdg, 3/4/5 Star	321510	Lumpsum	New Item	91551
	<b>17</b>	<b>LT Protection</b>				
151	17.01	LT Protection Kit (Dwg No. BESCO/GM/QS&S/10 Dtd 24.11.2018)	301107	No	1651	1915
	<b>18</b>	<b>LT Distribution Box as per IS-13947 Part-1&amp;2</b>				

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152	18.01	LT Distribution Box for 100 kVA DTC with MCCB's (Sheet Metal) (Dwg No. BESCO/GM/QS&S/58 Dtd 24.11.2018)	301055	Set (3 Nos)	17545	22809
153	18.02	LT Distribution Box for 250 kVA DTC with MCCB's (Sheet Metal) (Dwg No. BESCO/GM/QS&S/08 Dtd 24.11.2018)	301056	Set (3 Nos)	17644	22937
154	18.03	LT Distribution Box for 100/250 kVA DTC with MCCB's (SMC)	301060	No	24559	24559
	<b>19</b>	<b>Lightning Arrester as per IEC-60099-4</b>				
155	19.01	9 kV, 5 kA Lightning Arrester Metal Oxide Ceramic type with GROUND DISCONNECTOR (Dwg No. BESCO/GM/QS&S/26 Dtd 24.10.2007)	303201	Set (3 Nos)	786	975
156	19.02	10 kV, 5 kA Lightning Arrester Polymeric type with GROUND DISCONNECTOR	303202	Set (3 Nos)	1335	1736
	<b>20</b>	<b>HG Fuse Unit as per IS-5350 Part-2</b>				
157	20.01	11 kV, HG Fuse Unit with Solid Core Insulator (Dwg No. BESCO/GM/QS&S/21 Dtd 24.11.2018)	302122	Set (3 Nos)	882	1032
	<b>21</b>	<b>Double Pole TC Set for erection of Transformer on RCC/PSCC 9 Mtr Long Poles as per IS-1977</b>				
158	21.01	For 25/63/100 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL - MS (Dwg No. BESCO/GM/QS&S/62 Dtd 24.11.2018)	279111	Set	13732	18418
159	21.02	For 25/63/100 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL - GI	280111	Set	18889	25186
160	21.03	For 25/63/100 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 145 Kg WL - MS	279112	Set	13607	18247
161	21.04	For 25/63/100 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 145 Kg WL - GI	280112	Set	18718	24965
162	21.05	For 100/300 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL - MS (Dwg No. BESCO/GM/QS&S/65 Dtd 24.11.2018)	279120	Set	17626	23623
163	21.06	For 100/300 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL - GI	280120	Set	24224	32279
164	21.07	For 100/300 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 145 Kg WL - MS	279113	Set	17381	23288
165	21.08	For 100/300 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 145 Kg WL - GI	280113	Set	23889	31844
	<b>22</b>	<b>Single Pole Mounted Transformer (SPMT) Kit for erection of Transformer on 11 Mtr Spun Pole as per IS-1977</b>				
166	22.01	Single H Frame with Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole for 25 kVA (OH Line) - MS (Dwg No. BESCO/GM/QS&S/66 Dtd 24.11.2018)	279127	Set	19691	26528
167	22.02	Single H Frame with Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole for 25 kVA (OH Line) - GI	280117	Set	27065	35861
168	22.03	Three H Frame with Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole up to and including 250 kVA (UG Cable) - MS (Dwg No. BESCO/GM/QS&S/67 Dtd 24.11.2018)	279128	Set	26734	36110

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169	22.04	Three H Frame with Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole up to and including 250 kVA (UG Cable) - GI	280128	Set	36728	48481
170	22.05	Single H Frame without Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole for 63/100/250/500 kVA (OH Line) - MS (Dwg No. BESCO/GM/QS&S/68 Dtd 24.11.2018)	279129	Set	10171	13640
171	22.06	Single H Frame without Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole for 63/100/250/500kVA (OH Line) - GI	280129	Set	13992	18661
172	22.07	Three H Frame without Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole for 63/100/250/500 kVA (UG Cable) - MS (Dwg No. BESCO/GM/QS&S/69 Dtd 24.11.2018)	279131	Set	16352	22098
173	22.08	Three H Frame without Transformer Seating and Seating angle support cross arm for 11 Mtr Spun Pole for 63/100/250/500 kVA (UG Cable) - GI	280131	Set	22463	29630
174	22.09	Prefabricated Platform for erection of 250 kVA Transformer on 11 Mtr Spun Pole Structure involving Rectangular hollow Sections 96x48x4.87 Thk and 66x3x4.5 Thk, 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, 15 mm rods 2.5 Mtr length as per drawing details. Tor Steel Rods cut of Dia 8 mm, 10 mm, 12 mm, 16 mm and 20 mm bent as per drawing & tied inclusive of labour for Reinforced foundation (Dwg No. BESCO/GM/QS&S/70 Dtd 24.11.2018)	280132	Set	45600	55699
175	22.10	FRP grating sheet (30 mm thickness, 1.8 Mtr x 1.5) for Prefabricated structure	280133	Set	8446	9291
	<b>23</b>	<b>Single Pole Mounted Transformer (SPMT) Kit for erection of Transformer on Square Section RCC/PSCC 9 Mtr Long Pole as per IS-1977</b>				
176	23.01	For 25/63 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 150 Kg WL Sq Section without H Frame - MS	279115	Set	4604	7206
177	23.02	For 25/63 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 150 Kg WL Sq Section without H Frame - GI	280115	Set	6349	10027
178	23.03	For 25/63 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 150 Kg WL Sq Section with H Frame - MS (Dwg No. BESCO/GM/QS&S/37 Dtd 24.11.2018)	279116	Set	9180	12283
179	23.04	For 25/63 kVA 4/5 Star Rated Transformer on RCC Pole - 9 Mtr Long, 150 Kg WL Sq Section with H Frame - GI	280116	Set	12633	16902
180	23.05	For 25 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL without H Frame - MS	279118	Set	5584	7446
181	23.06	For 25 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL without H Frame - GI	280118	Set	7690	10338

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182	23.07	For 25 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL with H Frame - MS (Dwg No. BESCO/GM/QS&S/64 Dtd 24.11.2018)	279119	Set	9576	12722
183	23.08	For 25 kVA 4/5 Star Rated Transformer on PSCC Pole - 9 Mtr Long, 300 Kg WL with H Frame - GI	280119	Set	13176	17471
	<b>24</b>	<b>GOS as per IS-9921, IS-1977</b>				
184	24.01	11 kV, 200 Amps Single Break GOS (Dwg No. BESCO/GM/QS&S/23 Dtd 24.11.2018)	304212	Set	7799	9125
185	24.02	11 kV, 200 Amps Single Break GOS, Vertically Operated	304213	Set	11328	13254
186	24.03	11 kV, 400 Amps Double Break GOS (Dwg No. BESCO/GM/QS&S/22 Dtd 24.11.2018)	304224	Set	17545	20528
187	24.04	H - Frame Set for fixing 11 kV, 200 Amps Single Break GOS - (For DP structure for providing New GOS for sectionalisation) - MS	279149	Set	3724	4543
188	24.05	H - Frame Set for fixing 11 kV, 200 Amps Single Break GOS - (For DP structure for providing New GOS for sectionalisation) - GI	280149	Set	5121	6299
189	24.06	Fixed and Moving contacts with B&N for 11 kV, 200 Amps GOS (1 Fixed & 1 Moving contacts each)	503000	Each	865	1064
190	24.07	11 kV, 400 Amps Special Roaster GOS	304204	Set	12343	14441
191	24.08	Insulated GOS Operating Rods	503211	No	352	433
	<b>25</b>	<b>DOLO Cutout as per IS-9385, Part-1 to 3</b>				
192	25.01	11 kV, DOLO Cutout Conventional to Erstwhile KEB Specification	302011	Set (3 Nos)	4848	5672
193	25.02	11 kV, DOLO Cutout REC Specification (Dwg No. BESCO/GM/QS&S/20 Dtd 24.11.2018)	302021	Set (3 Nos)	3500	4095
	<b>26</b>	<b>DP Set (2 Pole Structure Kit) as per IS-1977</b>				
194	26.01	For RCC Pole - 9 Mtr Long, 145KG WL/PSCC Pole - 9 Mtr Long, 300Kg WL - MS (Dwg No. BESCO/GM/QS&S/35 & 63 Dtd 24.11.2018)	279100	Set	4618	6712
195	26.02	For RCC Pole - 9 Mtr Long, 145KG WL/PSCC Pole - 9 Mtr Long, 300Kg WL - GI	280100	Set	6031	9194
	<b>27</b>	<b>3 Pole Structure Kit as per IS-1977</b>				
196	27.01	For RCC Pole - 9 Mtr Long, 145KG WL/PSCC Pole - 9 Mtr Long, 300Kg WL - MS	279015	Set	9636	14463
197	27.02	For RCC Pole - 9 Mtr Long, 145KG WL/PSCC Pole - 9 Mtr Long, 300Kg WL - GI	280015	Set	12217	19924
	<b>28</b>	<b>C - Type Wedge Connector (Fired)</b>				
198	28.01	Rabbit to Rabbit ACSR	285570	Set	349	513
199	28.02	Coyote to Coyote ACSR	285575	Set	861	1266
200	28.03	Rabbit to Coyote ACSR	285571	Set	867	1274
	<b>29</b>	<b>H - Clamps</b>				
201	29.01	Rabbit to Rabbit ACSR	285585	No	71	104
202	29.02	Coyote to Coyote ACSR	285587	No	354	520
203	29.03	Rabbit to Coyote ACSR	285586	No	335	492
204	29.04	Two Hole Paddle (Rabbit ACSR)	285590	No	277	407
205	29.05	Microwedge Connector	285594	No	91	134



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	<b>30</b>	<b>LT Feeder Piller Box with Poreclain Rewireable Cutout and &amp; 1 No of 630 Amps Load Break Switch with Copper Busbar as per IS-13947 Part-1&amp;2</b>				
206	30.01	8 Way (Refer Dwg No. BESCO/GM/QS&S/41 Dtd 24.11.2018)	300308	No	40307	52399
207	30.02	12 Way (Dwg No. BESCO/GM/QS&S/41 Dtd 24.11.2018)	300312	No	48368	62878
	<b>31</b>	<b>LT Line Spacer</b>				
208	31.01	For 4 Wire	284502	No	70	70
209	31.02	For 2 Wire	281504	No	42	42
210	30.03	For TC Wiring (Dwg No. BESCO/GM/QS&S/38 Dtd 24.11.2018)	284503	No	41	41
	<b>32</b>	<b>1.1 kV, XLPE or Heat resistant PVC insulated, PVC extruded Inner Seath Armoured LTUG Cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975</b>				
211	32.01	6 Sqmm, 2 Core, (24 GI Wire - 1.4 mm)	287054	KM	55596	81102
212	32.02	10 Sqmm, 2 Core, (9 GI Strips - 4 x 0.8 mm)	287055	KM	69745	101113
213	32.03	10 Sqmm, 4 Core, (10 GI Strips - 4 x 0.8 mm)	287205	KM	95737	148612
214	32.04	16 Sqmm, 2 Core, (9 GI Strips - 4 x 0.8 mm)	287056	KM	73355	114683
215	32.05	16 Sqmm, 4 Core, (11 GI Strips - 4 x 0.8 mm)	287206	KM	113268	183442
216	32.06	25 Sqmm, 2 Core, (12 GI Strips - 4 x 0.8 mm)	287057	KM	102220	161437
217	32.07	25 Sqmm, 3.5 Core, (12 GI Strips - 4 x 0.8 mm)	287058	KM	120968	181452
218	32.08	25 Sqmm, 4 Core, (13 GI Strips - 4 x 0.8 mm)	287207	KM	138249	240813
219	32.09	35 Sqmm, 3.5 Core, (14 GI Strips - 4 x 0.8 mm)	287059	KM	139113	208670
220	32.10	35 Sqmm, 4 Core, (15 GI Strips - 4 x 0.8 mm)	287060	KM	158986	238479
221	32.11	50 Sqmm, 3.5 Core, (16 GI Strips - 4 x 0.8 mm)	287208	KM	161607	242411
222	32.12	50 Sqmm, 4 Core, (17 GI Strips - 4 x 0.8 mm)	287209	KM	184694	296715
223	32.13	70 Sqmm, 3.5 Core, (18 GI Strips - 4 x 0.8 mm)	287210	KM	289007	423672
224	32.14	95 Sqmm, 3.5 Core, (21 GI Strips - 4 x 0.8 mm)	287211	KM	335046	514040
225	32.15	120 Sqmm, 3.5 Core, (23 GI Strips - 4 x 0.8 mm)	287212	KM	403282	632811
226	32.16	150 Sqmm, 3.5 Core, (25 GI Strips - 4 x 0.8 mm)	287213	KM	495040	764701
227	32.17	185 Sqmm, 3.5 Core, (28 GI Strips - 4 x 0.8 mm)	287214	KM	615501	950795
228	32.18	240 Sqmm, 3.5 Core, (30 GI Strips - 4 x 0.8 mm)	287216	KM	768443	1186071
229	32.19	300 Sqmm, 3.5 Core, (32 GI Strips - 4 x 0.8 mm)	287217	KM	990080	1485120
230	32.20	400 Sqmm, 3.5 Core, (39 GI Strips - 4 x 0.8 mm)	287218	KM	1297875	1962309
	<b>33</b>	<b>Compression type Aluminium Tubular in Line Connector for Aluminum Conductor</b>				
231	33.01	10 Sqmm	288605	No	3	4
232	33.02	16 Sqmm	288606	No	3	4
233	33.03	25 Sqmm	288607	No	4	5
234	33.04	35 Sqmm	288608	No	4	5
235	33.05	50 Sqmm	288609	No	6	8
236	33.06	70 Sqmm	288610	No	10	13
237	33.07	95 Sqmm	288611	No	11	14
238	33.08	120 Sqmm	288612	No	16	20
239	33.09	150 Sqmm	288613	No	24	31
240	33.10	185 Sqmm	288614	No	29	37

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241	33.11	240 Sqmm	288616	No	48	61
242	33.12	400 Sqmm	288617	No	100	128
	<b>34</b>	<b>Straight Through Jointing Kit Suitable for 1.1 kV Class LTUG Cable as per IS-13573</b>				
		<b>Epoxy Type</b>				
243	34.01	10 Sqmm, 2 Core	288170	Set	619	681
244	34.02	10 Sqmm, 4 Core	288174	Set	619	681
245	34.03	16 Sqmm, 2 Core	288171	Set	619	681
246	34.04	16 Sqmm, 4 Core	288175	Set	619	681
247	34.05	25 Sqmm, 2 Core	288172	Set	619	681
248	34.06	25 Sqmm, 4 Core	288176	Set	665	732
249	34.07	50 Sqmm, 4 Core	288178	Set	758	834
250	34.08	70 Sqmm, 3.5/4 Core	288179	Set	935	1029
251	34.09	95 Sqmm, 3.5/4 Core	288180	Set	935	1029
252	34.10	120 Sqmm, 3.5/4 Core	288181	Set	1475	1623
253	34.11	185 Sqmm, 3.5/4 Core	288183	Set	1522	1674
254	34.12	240 Sqmm, 3.5/4 Core	288185	Set	1942	2136
255	34.13	400 Sqmm, 3.5/4 Core	288187	Set	2877	3165
		<b>HS Type</b>				
256	34.14	up to 6 Sqmm	288190	Set	559	615
257	34.15	10 to 16 Sqmm	288191	Set	559	615
258	34.16	25 to 35 Sqmm	288192	Set	727	800
259	34.17	50 to 95 Sqmm	288193	Set	1118	1230
260	34.18	120 to 225 Sqmm	288194	Set	1341	1475
261	34.19	240 to 300 Sqmm	288195	Set	1565	1722
262	34.20	400 Sqmm	288196	Set	2236	2460
	<b>35</b>	<b>Epoxy Terminating Kit (Pothead) suitable for 1.1 kV, LTUG Cable</b>				
263	35.01	Up to 4C x 50 Sqmm	288150	Set	316	316
264	35.02	3.5 x 70/95/120 Sqmm	288159	Set	373	373
265	35.03	3.5 x 150/185 Sqmm	288163	Set	469	469
266	35.04	3.5 x 225/240/300 Sqmm	288165	Set	574	574
267	35.05	3.5 x 400/500 Sqmm	288166	Set	699	699
	<b>36</b>	<b>11 kV, 3 Core, XPLE HTUG Cable with pressure extruded inner sheath, ROUND WIRE ARMOURED as per IS-7098 (Part-2) Armouring wires dia and Resistivity as per IS-3975</b>				
268	36.01	95 Sqmm, (54 GI Wires - 2.5 mm Dia)	287400	KM	782621	1115615
269	36.02	120 Sqmm, (57 GI Wires - 2.5 mm Dia)	287402	KM	999586	1380252
270	36.03	150 Sqmm, (59 GI Wires - 2.5 mm Dia)	287403	KM	1149524	1586343
271	36.04	185 Sqmm, (51 GI Wires - 3.15 mm Dia)	287404	KM	1201800	1658484
272	36.05	240 Sqmm, (55 GI Wires - 3.15 mm Dia)	287405	KM	1471370	2069302
273	36.06	300 Sqmm, (58 GI Wires - 3.15 mm Dia)	287406	KM	1692076	2335065
274	36.07	400 Sqmm, (51 GI Wires - 4 mm Dia)	287410	KM	2245566	3096132
275	36.08	11 kV, Cables Fault Locating Equipment	440300	Set	4554131	4554131
	<b>37</b>	<b>11 kV, Auto Reclosures and Sectionalizers with Remote Communication Facility as per IEC-62271</b>				

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276	37.01	11 kV, 630 Amps, 12.5 KA Auto reclosures with control pannel including necessary hardware structure protection system etc., as per specification	302510	Set	582000	582000
277	37.02	11 kV, 12.5 KA Sectionalizer with control box having control logic with necessary hardware etc., as per specification	312550	Set	378000	378000
278	37.03	11 kV, 230 V, 2 Phase, 300 VA control transformer for providing auxillary power	312551	Set	12886	12886
279	37.04	11kV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ , 1 Phase metering PT class - 1, 100 VA per Phase for measurement of voltage	312552	Set	35412	35412
280	37.05	GSM modem with connecting cable for remote communicating capabilities	312553	Set	14057	14057
281	37.06	Fabrication & supply of structrual steel including painting etc.,	312554	Set	7789	7789
282	37.07	9.6 kV, 200 Amps long duration porcelain housed Surge arrestors	312555	Each	1562	1562
	<b>38</b>	<b>Conventional RMU (VCB Type) with Copper Busbar, 350 MVA, 630 Amps as per IEC-62271/IS-3427</b>				
283	38.01	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing)	302480	Unit	1091151	1418496
283	38.02	<b>4 Way</b> RMU, 2OD + 2VL (One Incomer + Two Breakers + One Outgoing)	302481	Unit	1451508	1886960
284	38.03	<b>5 Way</b> RMU, 2OD + 3VL (One Incomer + Three Breakers + One Outgoing)	302482	Unit	1811864	2355423
285	38.04	<b>6 Way</b> RMU, 2OD + 4VL (One Incomer + Four Breakers + One Outgoing)	302483	Unit	2172221	2823887
286	38.05	One Breaker (VL) Panel with Copper Busbar	302315	Unit	360357	468464
287	38.06	One Breaker (OD) Panel with Copper Busbar	302316	Unit	545576	709249
288	38.07	11 kV, Fault Passage Indicator for Overhead Line	302580	Unit	14810	14810
	<b>39</b>	<b>Compact RMU (VCB/SF6 Type) with Copper Busbar, 350 MVA, 630 Amps as per IEC-62271/IS-3427</b>				
289	39.01	<b>3 Way</b> RMU, 2 OD + 1 VL (One Incomer + One Breaker + One Outgoing)	302340	Unit	425000	552500
290	39.02	<b>4 Way</b> RMU, 2 OD + 2 VL (One Incomer + Two Breakers + One Outgoing)	302345	Unit	600000	780000
291	39.03	<b>5 Way</b> RMU, 2 OD + 3 VL (One Incomer + Three Breakers + One Outgoing)	302350	Unit	750000	975000
292	39.04	<b>6 Way</b> RMU, 2 OD + 4 VL (One Incomer + Four Breakers + One Outgoing)	302355	Unit	900000	1170000
293	39.05	1 OD for RMU 630 Amps	302335	Unit	150000	195000
294	39.06	1 VL for RMU, 630 Amps	302358	Unit	150000	195000

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	40	<p><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></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 (12 V &amp; 24 V), 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 connector 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>				
295	40.01	<b>3 Way</b> RMU, 2OD + 1VL (One Incomer + One Breakers + One Outgoing) 630 Amps with Copper Busbar	302490	Unit	609600	792480
296	40.02	<b>4 Way</b> RMU, 2OD + 2VL (One Incomer + Two Breakers + One Outgoing) 630 Amps with Copper Busbar	302491	Unit	834600	1084980
297	40.03	<b>5 Way</b> RMU, 2OD + 3VL (One Incomer + Three Breakers + One Outgoing) 630 Amps with Copper Busbar	302492	Unit	948600	1233180
298	40.04	1 VL for RMU, 630 Amps Copper Busbar	302493	Unit	225000	292500
299	40.05	<p><b>RTU (Remote Terminal Unit)</b>  <b>Input Voltage:</b> 16V DC to 32V DC  <b>Type:</b> Isolated Un-Grounded type-Input ground and output ground are isolated from each other  <b>Output Voltage:</b> 24V DC Fixed  <b>Output Current:</b> 2.5 Amp's Fixed  <b>RTU Software/Firmware:</b>  RTU have configuration and maintenance software tool. Compatible for existing DAS System)</p>	302494	Unit	333824	333824
300	40.05	<p><b>24-Pin Male RMU-RTU Connector:</b>  RMU-RTU Interface connectors used to interconnect each RTU with its associated RMU. Cabling between RMU status and control points will be brought out by the RMU supplier to a set of hooded 24-Pin Female connectors fixed within the RMU enclosure that will house the RTU. Corresponding set of hooded 24-Pin Male connectors wired back to the RTU via suitable cable.</p>	302495	Unit	6629	6629
301	40.06	Control Cable 24 Core (1.5 Mtr) suitable for RTU	302496	Set	1433	1433
	<b>41</b>	<b>Load Break Switch</b>				

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302	41.01	Load Break Switch with Panel	506492	Unit	56640	73632
	<b>42</b>	<b>Aerial Bunched Cable (ABC)</b>				
	<b>A</b>	<b>11 kV [6.35/11 kV(E)], HT Aerial Bunched Cable XLPE insulation confirming to IS-14255: 1995</b>				
303	42.01	3x95 + 1x70 Sqmm (Insulated Messenger Wire)	284791	KM	680510	1070523
304	42.02	3x120 + 1x95 Sqmm (Insulated Messenger Wire)	284792	KM	829338	1279447
	<b>B</b>	<b>1.1 kV, LT Aerial Bunched Cable, XLPE insulation confirming to IS-14255: 1995</b>				
305	42.03	3x95 + 1x70 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	284819	KM	435622	598403
306	42.04	3x95 + 1x70 + 1x25 Sqmm Street light (Insulated Messenger cum Neutral)	284811	KM	446546	613303
307	42.05	3x95 + 1x70 + 1x35 Sqmm Street light (Insulated Messenger cum Neutral)	284812	KM	467298	638063
308	42.06	3x70 + 1x50 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	284813	KM	335500	452925
309	42.07	3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	284814	KM	147000	198450
310	42.08	3x16 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	284816	KM	97000	130950
311	42.09	2x16 + 1x25 Sqmm (Insulated Messenger cum Neutral)	284817	KM	76000	102600
	<b>43</b>	<b>Accessories for ABC Cables as per NF-33, as per IS-13573 for Joints &amp; Terminations</b>				
312	43.01	Suspension Clamp suitable for insulated Messsenger wire of size 25 to 95 Sqmm	284847	No	335	369
313	43.02	11 kV, AB Cable Straight thru' joint kit suitable for 95 Sqmm	284848	Set (3 Nos)	6813	7494
314	43.03	11 kV, AB Cable Straight thru' joint kit suitable for 120 Sqmm	284849	Set (3 Nos)	7234	7957
315	43.04	11 kV, ABC Termination kit 95 - 120 Sqmm	284873	Set (3 Nos)	2532	2785
316	43.05	Surge Arrester (for AB Cable)	303100	No	611	672
317	43.06	Ground Connection for Messenger Wire	284880	No	12	13
318	43.07	Single Phase Distribution Box for 20 Connection	284820	No	2128	2341
319	43.08	Single Phase Distribution Box for 10 Connection	284818	No	2010	2211
320	43.09	Three Phase Distribution Box for 5 Connection	284815	No	2128	2341
321	43.10	Three Phase Distribution Box for 6 Connection	284821	No	2128	2341
322	43.11	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Service Connection	284822	No	235	259
323	43.12	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connection	284223	No	165	182
324	43.13	Piercing Connector Suitable for 25 Sqmm - 95 Sqmm AB Cable - Main to Main Connection	284855	No	275	303
325	43.14	Piercing Connector Suitable for 50 Sqmm - 150 Sqmm AB Cable - Main to Main Connection	284865	No	309	340
326	43.15	Universal Hook and Bolt & Nut	284824	No	314	345
327	43.16	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of Pole Clamp and Eye Hook)	284825	No	135	149

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328	43.17	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger (Exclusive of Pole Clamp and Eye Hook)	284843	No	206	227
329	43.18	Dead End Clamp/Anchor Clamp Assembly 70 to 210 Sqmm Bare Messenger (Exclusive of Pole Clamp and Eye Hook)	284844	No	309	340
330	43.19	Suspension Clamp Assembly 16 to 70 Sqmm Bare Messenger (Exclusive of Pole Clamp and Eye Hook)	284845	No	196	216
331	43.20	Suspension Clamp Assembly 70 to 210 Sqmm Bare Messenger (Exclusive of Pole Clamp and Eye Hook)	284846	No	314	345
332	43.21	Pre - Insulated Lug - CPTAU for 120 Sqmm	284836	No	397	437
333	43.22	Pre - Insulated Lug - CPTAU for 95 Sqmm	284837	No	348	383
334	43.23	Pre - Insulated Lug - CPTAU for 70 Sqmm	284827	No	304	334
335	43.24	Pre - Insulated Lug - CPTAU for 50 Sqmm	284828	No	270	297
336	43.25	Pre - Insulated Lug - CPTAU for 25 Sqmm	284834	No	254	279
337	43.26	Pre - Insulated Lug - CPTAU for 16 Sqmm	284835	No	126	139
338	43.27	Tee - Connector - KZ3 95	284829	No	348	383
339	43.28	Straight Joint Suitable for 95 Sqmm, LT ABC - MJPT Type	284832	No (1 Core )	373	410
340	43.29	Straight Joint Suitable for 70 Sqmm, LT ABC - MJPT Type	284830	No (1 Core )	349	384
341	43.30	Straight Joint Suitable for 50 Sqmm, LT ABC - MJPT Type	284831	No (1 Core )	326	359
342	43.31	Straight Joints Suitable for 25 Sqmm, LT ABC - MJPT Type	284838	No (1 Core )	302	332
343	43.32	Straight Joint Suitable for 16 Sqmm, LT ABC - MJPT Type	284840	No (1 Core )	219	241
344	43.33	End Cap for 50/70 Sqmm	284833	No	20	22
345	43.34	Nylon Cable Tie (100 Nos)	284839	Set	412	453
346	43.35	Pole Clamp for HT/LT AB cable	284841	No	103	113
347	43.36	Eye Hook (Flat Type) for fixing Clamp	284842	No	90	99
	<b>44</b>	<b>Covered Conductors &amp; Accessories</b>				
348	44.01	70 Sq.mm AAAC (AL-7), 11 KV Covered Conductor	284901	KM	New Item	546000
349	44.02	Alignment Tie	284902	No	New Item	699
350	44.03	Dead End (Anchoring Clamp)	284903	No	New Item	3192
351	44.04	Insulation Piercing Connector Covered to Covered – IPC – TTDC 284014 FA	284904	No	New Item	5605
352	44.05	Insulation Piercing Connector Bare to Covered – IPC – NTDC 284014 FA	284905	No	New Item	5605
353	44.06	Mid Span Joint MJPT 75 G 28	284906	No	New Item	2950
354	44.07	Outdoor Termination Kit	284907	No	New Item	1656
355	44.08	End Cap	284908	No	New Item	71
	<b>45</b>	<b>11 kV, Jointing &amp; Cable Termination Kit as per IS-13573</b>				
		<b>Heat Shrinkable Type Transition Jointing Kit for XLPE Cable</b>				
356	45.01	3x95 Sqmm	288312	Set	9084	9992
357	45.02	3x240 Sqmm	288314	Set	11227	12350
358	45.03	3x400 Sqmm	288315	Set	11434	12577
		<b>Heat Shrinkable Indoor Type Cable Termination Kit for XLPE Cable</b>				
359	45.04	3x95 Sqmm	288332	Set	3319	3651
360	45.05	3x240 Sqmm	288334	Set	4159	4575

SL No	Item No	Name of the Material	Material Code	UoM	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2021-22 Ford Rates in Rs inclusive of Taxes, F&I
361	45.06	3x400 Sqmm	288336	Set	4268	4695
		<b>Heat Shrinkable Outdoor Type Cable Termination Kit for XLPE Cable</b>				
362	45.07	3x95 Sqmm	288302	Set	3605	3966
363	45.08	3x240 Sqmm	288304	Set	4715	5187
364	45.09	3x400 Sqmm	288305	Set	4750	5225
		<b>Heat Shrinkable Indoor Type Cable Termination Kit for PILC Cable</b>				
365	45.10	3x95 Sqmm	288462	Set	2782	3060
366	45.11	3x240 Sqmm	288464	Set	2988	3287
367	45.12	3x400 Sqmm	288465	Set	3050	3355
		<b>Heat Shrinkable Outdoor Type Cable Termination Kit for PILC Cable</b>				
368	45.13	3x95 Sqmm	288456	Set	3525	3878
369	45.14	3x240 Sqmm	288458	Set	4424	4866
370	45.15	3x400 Sqmm	288460	Set	4444	4888
		<b>Heat Shrinkable Straight Through Jointing Kit for XLPE Cable with Copper Lug &amp; Al Ferrule</b>				
371	45.16	3x95 Sqmm	288322	Set	6481	7129
372	45.17	3x240 Sqmm	288324	Set	7903	8693
373	45.18	3x400 Sqmm	288329	Set	9706	10677
		<b>Heat Shrinkable Straight Through Jointing Kit for PILC Cable with Copper Lug &amp; Al Ferrule</b>				
374	45.19	3x95 Sqmm	288450	Set	6914	7605
375	45.20	3x240 Sqmm	288452	Set	7812	8593
376	45.21	3x400 Sqmm	288453	Set	9438	10382
	<b>46</b>	<b>Service Connection Accessories</b>				
377	46.01	Pole Mounted Fibre Glass Reinforced Aerial Fuse Board 60 Amps - 3 Way (Dwg No. BESCO/GM/QS&S/24 Dtd 24.11.2018)	612614	No	936	936
378	46.02	Pole Mounted Fibre Glass Reinforced Aerial Fuse Board 30 Amps - 3 Way	612615	No	669	669
379	46.03	FGRP Aerial Fuse Board 30 Amps - 4 Way	612617	No	872	872
380	46.04	FGRP Aerial Fuse Board 30 Amps - 5 Way	612618	No	987	987
381	46.05	FGRP Aerial Fuse Board 30 Amps - 6 Way	612616	No	1081	1081
	<b>47</b>	<b>LT Service Connector</b>				
382	47.01	For Weasel	285502	No	28	28
383	47.02	For Rabbit	285503	No	28	28
	<b>48</b>	<b>PVC Pipe as per IS-2509</b>				
		<b>A. Pipe</b>				
384	48.01	PVC Pipe - 20 mm Dia	778020	Mtr	19	<b>68 (KPWD SR)</b>
385	48.02	PVC Pipe - 25 mm Dia	778025	Mtr	25	<b>80 (KPWD SR)</b>
386	48.03	PVC Pipe - 32 mm Dia	778032	Mtr	41	<b>100 (KPWD SR)</b>
387	48.04	PVC Pipe - 40 mm Dia	778040	Mtr	46	<b>113 (KPWD SR)</b>
388	48.05	PVC Pipe - 50 mm Dia	778050	Mtr	52	104
389	48.06	PVC Pipe - 63 mm Dia	778063	Mtr	68	136
390	48.07	PVC Pipe - 75 mm Dia	778075	Mtr	80	160
391	48.08	PVC Pipe - 80 mm Dia	778080	Mtr	112	224
392	48.09	PVC Pipe - 100 mm Dia	778100	Mtr	128	256
393	48.10	PVC Pipe - 150 mm Dia	778105	Mtr	267	534
394	48.11	PVC Pipe - 200 mm Dia	778110	Mtr	403	806
		<b>B. Bend</b>				

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395	48.12	PVC Bend - 20 mm Dia	778000	No	6	6
396	48.13	PVC Bend - 25 mm Dia	778001	No	9	9
397	48.14	PVC Bend - 32 mm Dia	778002	No	20	20
398	48.15	PVC Bend - 40 mm Dia	778003	No	32	32
399	48.16	PVC Bend - 50 mm Dia	778004	No	49	49
400	48.17	PVC Bend - 63 mm Dia	778005	No	60	60
401	48.18	PVC Bend - 75 mm Dia	778006	No	65	65
402	48.19	PVC Bend - 80 mm Dia	778007	No	92	92
403	48.20	PVC Bend - 100 mm Dia	778008	No	138	138
404	48.21	PVC Bend - 150 mm Dia	778009	No	183	183
405	48.22	PVC Bend - 200 mm Dia	778010	No	233	233
	<b>49</b>	<b>GI Pipe B - Class as per IS-1239</b>				
406	49.01	GI Pipe - 20 mm Dia	768040	Mtr	120	148
407	49.02	GI Pipe - 25 mm Dia	768042	Mtr	168	207
408	49.03	GI Pipe - 32 mm Dia	768043	Mtr	226	278
409	49.04	GI Pipe - 40 mm Dia	768044	Mtr	240	295
410	49.05	GI Pipe - 50 mm Dia	768046	Mtr	311	383
411	49.06	GI Pipe - 63 mm Dia	768047	Mtr	337	415
412	49.07	GI Pipe - 65 mm Dia	768048	Mtr	445	547
413	49.08	GI Pipe - 100 mm Dia	768052	Mtr	1242	1528
414	49.09	GI Pipe - 150 mm Dia	768058	Mtr	1243	1529
	<b>50</b>	<b>1.1 kV Class HR (Heat Resistant) PVC Insulated &amp; Sheathed Aluminium Single Core Lead wires as per IS-694: 2010</b>				
415	50.01	PVC Wire - 2.5 Sqmm Weight per 100 Mtr Coil: 1.8 Kg	289022	Coil	876	1606
416	50.02	PVC Wire - 4 Sqmm Weight per 100 Mtr Coil: 2.4 Kg	289023	Coil	1060	1964
417	50.03	PVC Wire - 6 Sqmm Weight per 100 Mtr Coil: 3.5 Kg	289024	Coil	1282	2322
418	50.04	PVC Wire - 10 Sqmm Weight per 100 Mtr Coil: 5.3 Kg	289025	Coil	1739	3042
	<b>51</b>	<b>1.1 KV Class HR (Heat Resistant) PVC Insulated &amp; UnSheathed Aluminium Wires Multistrand Single Core Lead wires as per IS-694: 2010</b>				
419	51.01	PVC Wire - 16 Sqmm Al Wt: 4.2 Kg, Total Wt: 7.5 Kg/100 Mtr Coil	289026	Coil	2341	4095
420	51.02	PVC Wire - 25 Sqmm Al Wt: 6.7 Kg, Total Wt: 11.5 Kg/100 Mtr Coil	289027	Coil	3231	5576
421	51.03	PVC Wire - 35 Sqmm Al Wt: 9.3 Kg, Total Wt: 14.5 Kg/100 Mtr Coil	289028	Coil	3607	6468
422	51.04	PVC Wire - 50 Sqmm Al Wt: 13.8 Kg, Total Wt: 22 Kg/100 Mtr Coil	289029	Coil	4431	7946
423	51.05	PVC Wire - 70 Sqmm Al Wt: 18.7 Kg, Total Wt: 28.5 Kg/100 Mtr Coil	289030	Coil	6650	11201
424	51.06	PVC Wire - 95 Sqmm Al Wt: 25 Kg, Total Wt: 36 Kg/100 Mtr Coil	289031	Coil	8163	14080
425	51.07	PVC Wire - 120 Sqmm Al Wt: 32 Kg, Total Wt: 45.5Kg/100 Mtr Coil	289032	Coil	10704	18017
426	51.08	PVC Wire - 150 Sqmm Al Wt: 41.4 Kg, Total Wt: 57 Kg/100 Mtr Coil	289033	Coil	13180	21934



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427	51.09	PVC Wire - 185 Sqmm Al Wt: 49 Kg, Total Wt: 68 Kg/100 Mtr Coil	289034	Coil	15207	25890
428	51.10	PVC Wire - 240 Sqmm Al Wt: 63.5 Kg, Total Wt: 87 Kg/100 Mtr Coil	289036	Coil	19854	33464
	<b>52</b>	<b>Fuse Wire</b>				
429	52.01	Tinned Copper Fuse Wire, 5 Amps	625020	Kg	775	1170
430	52.02	Tinned Copper Fuse Wire, 10 Amps	625230	Kg	775	1170
431	52.03	Tinned Copper Fuse Wire, 20 Amps	625250	Kg	775	1170
432	52.04	Tinned Copper Fuse Wire, 100 Amps	625075	Kg	775	1170
	<b>53</b>	<b>Porcelain Cutout (500 Volt)</b>				
433	53.01	15/16 Amps	300003	No	34	<b>125 (KPWD SR)</b>
434	53.02	30/32 Amps	300005	No	48	<b>200 (KPWD SR)</b>
435	53.03	60/63 Amps	300007	No	144	<b>372 (KPWD SR)</b>
436	53.04	100 Amps	300010	No	259	<b>650 (KPWD SR)</b>
437	53.05	200 Amps	300020	No	412	<b>1260 (KPWD SR)</b>
438	53.06	300 Amps	300030	No	756	<b>1842 (KPWD SR)</b>
	<b>54</b>	<b>Grounding Material</b>				
		<b>Pipe Grounding</b>				
439	54.01	GI Grounding pipe, B - Class, 42 mm dia, 2.5 Mtr long, 3.2 mm thick with bolt, nut, GI Strips and washer complete Minimum Weight of GI Pipe: 7.3 Kg	281674	No	626	770
440	54.02	Good Quality well burnt Charcoal for grounding purposes packed in non returnable gunny bag of 30 Kg each	600095	No	600	660
441	54.03	Good Quality Salt for grounding purposes packed in 50 Kg gunny bag	607054	Bag	275	303
		<b>Rod Earthing</b>				
442	54.04	Rod type of earthing using 40 mm Dia, 3 Mtr long MS rod as ground rod, in earth pit of 300 mm width and 3300 mm depth and using 50x6 mm flat welded to ground rod as terminal & connected to equipment ground terminal using PVC Al wire as specified	281685	No	1832	2253
443	54.05	Bentonite clay slurry for earthing in 50 Kg Bag	607220	Bag	326	359
	<b>55</b>	<b>Alkathine tube</b>				
444	55.01	Transparent Alkathine tube 19 mm dia, 2 mm thick in coils of 30 Mtr	821900	Coil	458	504
	<b>56</b>	<b>Measuring Equipment</b>				
445	56.01	LT Electronic Tri - Vector Meter 5 Amps, 0.5 Accuracy Class	357510	No	2061	To be deleted
446	56.02	HT Electronic Tri - Vector Meter 5 Amps, 3 Phase 3 wire DLMS Meter 0.5 Accuracy Class	357512	No	2382	To be deleted
447	56.03	CT PT Operated ETV Meter 0.2s Accuracy Class with ABT feature and DLMS protocol with ToD with RS 232 Port UNIDIRECTIONAL <b>(Used for HT Installation, LT Metering Cubicle {50-150 KW})</b>	357325	No	17000	19129

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448	56.04	CT PT Operated ETV Meter 0.2s Accuracy Class with ABT feature and DLMS protocol with ToD with RS 232 Port BIDIRECTIONAL <b>(Used for Boundary Metering)</b>	357326	No	19470	19470
449	56.05	LT Single Phase 5-30 Amps, DLMS Complaint Static Energy Meter, 1.0 Accuracy Class <b>(Used for LT-2, LT-3 &amp; LT-5 Installations)</b>	357006	No	671	934
450	56.06	LT AC 3 Phase 4 Wire, 5-30 Amps DLMS Complaint Energy Meter, 1.0 Accuracy Class <b>(Used for LT-2, LT-3 &amp; LT-5 Installations up to 25HP/18KW)</b>	357531	No	1731	2321
451	56.07	LT 3 Phase, 4 Wire, CT Operated DLMS Complaint ETV Meter-5A, class 0.5s Accuracy <b>(Used for 25 HP/18KW &amp; Above Installations, DTC Metering)</b>	357519	No	2525	3312
452	56.08	Pre - Paid Energy Meter Single Phase, 5-30 Amps, 1.0 Accuracy Class with Key Pad Technology consumer interface unit along with pillfer proof box	357580	No	6993	6993
453	56.09	Pre - Paid Energy Meter Single Phase, 5-30 Amps, 1.0 Accuracy Class with Card Technology	357581	No	12173	10732
454	56.10	Pre - Paid Energy Meter 3 Phase, 5-30 Amps, 1.0 Accuracy Class with Key Pad Technology consumer interface unit along with pillfer proof box	357585	No	10078	10078
455	56.11	Pre - Paid Energy Meter 3 Phase, 5-30 Amps, 1.0 Accuracy Class with Card Technology	357586	No	13617	12002
456	56.12	HT 3 Phase 4 Wire Static Meter (CT, PT Operated) 3 x 63.5 V, 1 Amps 0.2s Accuracy Class with RS-485 & ABT features	357514	No	13507	13507
457	56.13	LT 3 Phase 4 Wire 5-30 Amps 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 100 kVA Distribution Transformer.	357515	No	17529	17529
458	56.14	Numerical Over Current & Earth Fault Protecion Relay with Accessories for NJY Works	357517	No	10620	10620
459	56.15	GPRS Modem with Accessories	357521	Set	5074	4484
		<b>Smart Meters IS - 16444 Complaint</b>				
460	56.16	LT AC Single Phase 2 Wire, 5-30 Amps Smart Energy Meter, Class 1.0 Accuracy with GPRS Communication Module	357525	No	New Item	2400
461	56.17	LT AC Single Phase 2 Wire, 5-30 Amps Smart Energy Meter, Class 1.0 Accuracy with RF Communication Module	357526	No	New Item	2400
462	56.18	LT AC 3 Phase 4 Wire, 10-60 Amps Smart Energy Meter, Class 1.0 Accuracy with GPRS Communication Module	357527	No	New Item	3200
463	56.19	LT AC 3 Phase 4 Wire, 10-60 Amps Smart Energy Meter, Class 1.0 Accuracy with RF Communication Module	357528	No	New Item	3200
464	56.20	LT AC 3 Phase 4 Wire CT Operated, 5 Amps Smart Energy Meter, Class 0.5s Accuracy with GPRS Communication Module	357529	No	New Item	4000

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465	56.21	LT AC 3 Phase 4 Wire CT Operated, 5 Amps Smart Energy Meter, Class 0.5s Accuracy with RF Communication Module	357530	No	New Item	4000
466	56.22	3 Phase CT/PT operated alternating current Smart Meter of Accuracy Class 0.2s DLMS with GPRS Communication Module	357531	No	New Item	29249
467	56.23	3 Phase CT/PT operated alternating current Smart Meter of Accuracy Class 0.2s DLMS with RF Communication Module	357532	No	New Item	29249
	<b>57</b>	<b>Electric Vehicles</b>				
	<b>A</b>	<b>Electric Vehicle Supply Equipment (EVSE) - Bharath DC-001 having GB/T connector(s) compliant with OCPP 1.6 or above and certified by ARAI (or by NABL accredited testing centres) of power rating</b>				
468	57.01	15 kW - One Connector	357533	Set	New Item	200000
469	57.02	20 kW - Two Connectors	357534	Set	New Item	290000
470	57.03	30 kW - Two Connectors	357535	Set	New Item	321784
	<b>B</b>	<b>Electric Vehicle Supply Equipment (EVSE) -Bharath AC-001 having IEC60309 industrial connector(s) compliant with OCPP 1.6 or above and certified by ARAI (or by NABL accredited testing centres) of power rating</b>				
471	57.04	3.3 kW - One connector	357536	Set	New Item	18000
472	57.05	10 kW - Three connector 3.3 kW each	357537	Set	New Item	45797
	<b>C</b>	<b>Electric Vehicle Supply Equipment (EVSE) - IS17017/IEC61851 compliant Pedestal/Ground Mounted with CCS (Combo-2) Connector(s) compliant with OCPP 1.6 or above and certified by ARAI (or by NABL accredited testing centres) of Power rating</b>				
473	57.06	25/30 kW - One/Two connector	357538	Set	New Item	650000
474	57.07	50/60kW - Two Connectors	357539	Set	New Item	915936
475	57.08	100/120 kW - Two Connectors	357540	Set	New Item	1250000
476	57.09	240 kW - Two Connectors	357541	Set	New Item	2000000
	<b>58</b>	<b>Meter Protection/Tamper Proof Box (MS) for LT Installations 25 HP and above</b>				
477	58.01	Meter Protection/Tamper Proof box with busbar for LT 3 Ph with CT Ratio 50/5A, 1.0 Accuracy Class	358040	Unit	6156	6156
478	58.02	Meter Protection/Tamper Proof box with busbar for LT 3 Ph with CT Ratio 75/5A, 1.0 Accuracy Class	358023	Unit	5716	5716
479	58.03	Meter Protection/Tamper Proof box with busbar for LT 3 Ph with CT Ratio 100/5A, 1.0 Accuracy Class	358030	Unit	5452	5452
480	58.04	LT Metering Box for housing the ETV Meter without CT's busbar wiring etc	358050	Unit	3664	3664
481	58.05	Pillfer proof box for below 25 HP Installation	612655	Unit	295	295
482	58.06	SMC Single Phase Meter protection box	358005	Unit	480	480
483	58.07	Sheet Metal/Deep Drawn LT Metering box with wiring arrangement for Modem and DLMS meter without CTs	358076	Unit	3664	3664
484	58.08	Sheet Metal/Deep Drawn Street Lighting Metering Box with Automatic Control Swith, Contactors with Single Phase 5-30 Amps meter & 50/5A CT	358078	Unit	5954	5954
485	58.09	Numerical Poly Carbonate Seal	626234	No	10	10

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486	58.10	Meter Sealing Wire	626500	Kg	181	181
487	58.11	High Security Label Seal	357590	No	5	5
488	58.12	Poly Carbonate sealing bits without number	626233	No	6	6
	<b>59</b>	<b>LT Current Transformer, 3.75 VA, Ring type as per IS-2705 Part-1&amp;2</b>				
489	59.01	CT Ratio - 25/5A, 1.0 Accuracy Class	336005	No	548	871
490	59.02	CT Ratio - 30/5A, 1.0 Accuracy Class	336006	No	548	871
491	59.03	CT Ratio - 50/5A, 1.0 Accuracy Class	336010	No	544	865
492	59.04	CT Ratio - 75/5A, 1.0 Accuracy Class	336015	No	453	720
493	59.05	CT Ratio - 50/5A, 0.5 Accuracy Class	336016	No	541	860
494	59.06	CT Ratio - 75/5A, 0.5 Accuracy Class	336017	No	344	547
495	59.07	CT Ratio - 100/5A, 0.5 Accuracy Class	336020	No	401	638
496	59.08	CT Ratio - 150/5A, 0.5 Accuracy Class	336025	No	300	477
497	59.09	CT Ratio - 200/5A, 0.5 Accuracy Class	336030	No	354	563
498	59.10	CT Ratio - 300/5A, 0.5 Accuracy Class	336035	No	354	563
499	59.11	CT Ratio - 400/5A, 0.5 Accuracy Class	336040	No	354	563
500	59.12	CT Ratio - 600/5A, 0.5 Accuracy Class	336046	No	398	633
501	59.13	CT Ratio - 800/5A, 0.5 Accuracy Class	336050	No	398	633
	<b>60</b>	<b>Instrument Transformer (PT &amp; CT) as per IS-2705 Part-1&amp;2</b>				
		<b>11KV PT</b>				
502	60.01	PT 11 kV/110V, 50 VA, Single Phase Insulation level 15/35/95 kV as per IS 3156, 0.5 Accuracy Class	335230	No	8535	Refer KPTCL SR
503	60.02	PT 11 kV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ , 25 VA, Single phase Insulation level 15/35/95 kV as per IS 3156, 0.2 Accuracy Class	335232	No	9099	Refer KPTCL SR
504	60.03	PT 11 kV Station Type Three phase	335220	No	30849	Refer KPTCL SR
		<b>11KV CT (Secondary - 1A) for 3 Phase 4 Wire Metering, Burden: 2.5 VA, 0.2 Accuracy Class</b>				
505	60.04	Ratio: 1.25/1A to 2.5/1A	336336	No	8031	12769
506	60.05	Ratio: 5/1A to 100/1A	336337	No	6883	10944
507	60.06	Ratio: 125/1A to 200/1A	336338	No	7368	11715
508	60.07	Ratio: 225/1A to 400/1A	336339	No	8031	12769
	<b>61</b>	<b>HT Metering Equipment</b>				
509	61.01	11 kV HT Metering cubicle of different CT Ratio, Both side cable entry type with 3 CT & 3 PT, With Transparent Cover TTB, with 30x8 mm Copper Busbar, Modem & 2 No of Meters for 3 Phase 4 Wire Metering <b>without Load Break Switch</b> (HT Metering Box Fabricated out of 3 mm MS Sheet duly epoxy powder coated) as per revised Specification (Dwg No. BESCO/GM/QS&S/-- Dtd 24.11.2018)	358351	Unit	188292	244780
	<b>62</b>	<b>UPS on Line</b>				
510	62.01	1 kVA with required Tubular Batteries	344901	Set	22738	22738
511	62.02	5 kVA with required Tubular Batteries	344905	Set	83407	83407
	<b>63</b>	<b>Heavy Duty Copper Terminal Long Barrel</b>				
512	63.01	25 Sqmm Copper Terminal, Apprx Wt: 11 Gm	288527	No	19	29
513	63.02	35 Sqmm Copper Terminal, Apprx Wt: 17 Gm	288528	No	27	41
514	63.03	50 Sqmm Copper Terminal, Apprx Wt: 26 Gm	288529	No	40	60
515	63.04	70 Sqmm Copper Terminal, Apprx Wt: 38 Gm	288530	No	61	92

SL No	Item No	Name of the Material	Material Code	UoM	CSR 2018-19 Ford Rates in Rs inclusive of Taxes, F&I	CSR 2021-22 Ford Rates in Rs inclusive of Taxes, F&I
516	63.05	95 Sqmm Copper Terminal, Apprx Wt: 58 Gm	288531	No	88	133
517	63.06	120 Sqmm Copper Terminal, Apprx Wt: 64 Gm	288532	No	96	145
518	63.07	150 Sqmm Copper Terminal, Apprx Wt: 98 Gm	288533	No	126	190
519	63.08	185 Sqmm Copper Terminal, Apprx Wt: 158 Gm	288534	No	188	284
520	63.09	225 Sqmm Copper Terminal	288535	No	240	362
521	63.10	240 Sqmm Copper Terminal, Apprx Wt: 218 Gm	288536	No	244	368
522	63.11	300 Sqmm Copper Terminal	288537	No	354	535
523	63.12	400 Sqmm Copper Terminal, Apprx Wt: 395 Gm	288538	No	593	895
	<b>64</b>	<b>Aluminium End Terminal (Lug)</b>				
524	64.01	10 Sqmm	288630	No	2	3
525	64.02	16 Sqmm	288631	No	2	3
526	64.03	25 Sqmm	288632	No	3	4
527	64.04	32 Sqmm	288633	No	4	5
528	64.05	50 Sqmm	288634	No	8	10
529	64.06	70 Sqmm	288635	No	12	15
530	64.07	95 Sqmm	288636	No	14	18
531	64.08	120 Sqmm	288637	No	18	23
532	64.09	150 Sqmm	288638	No	22	28
533	64.10	185 Sqmm	288639	No	35	45
534	64.11	225 Sqmm	288640	No	38	49
535	64.12	240 Sqmm	288641	No	55	70
536	64.13	300 Sqmm	288642	No	65	83
537	64.14	400 Sqmm	288643	No	85	109
	<b>65</b>	<b>Tools &amp; Plant</b>				
538	65.01	Battery Hydrometer with syring suitable for vent holes	429810	No	250	Refer KPTCL SR
539	65.02	Multimeter Electronic Type	359215	No	1007	1007
540	65.03	Multimeter Electromechanical Type	359210	No	1811	1811
541	65.04	Rubber Hand gloves 15 kV, SEAMLESS Confirming to ISS (Sample to be verified for seamless before approval) for electrical purpose	427252	Pair	1102	1102
542	65.05	Thermometer (Wall Mounted)	430395	No	258	Refer KPTCL SR
543	65.06	Portable Drilling Machine	410020	No	2405	Refer KPTCL SR
544	65.07	Megger 500 V	359400	No	2517	Refer KPTCL SR
545	65.08	Megger 2.5 kV - 5 kV	359450	No	5033	Refer KPTCL SR
546	65.09	Silica Gel	607056	Kg	190	190
547	65.10	Telescopic Earthing Rod	427215	No	1528	1528
548	65.11	Panel Indication Lamp	611972	No	15	Refer KPTCL SR
549	65.12	Ring Spanner	424000	Set	1764	Refer KPTCL SR
550	65.13	Tube Spanner	424150	Set	671	Refer KPTCL SR
551	65.14	Pipe Wrench 24"	424410	No	881	Refer KPTCL SR
552	65.15	Pipe Wrench 18"	424408	No	336	Refer KPTCL SR
553	65.16	Double End Spanner	424300	Set	317	Refer KPTCL SR
554	65.17	Hack Saw Frame + B185	418170	No	112	Refer KPTCL SR
555	65.18	Hand Torch 5 Celled	427405	No	146	To be Deleted
556	65.19	Hand Torch 3 Celled	427403	No	73	To be Deleted
557	65.20	Rechargeable LED Hand Torch	427408	No	985	Refer KPTCL SR
558	65.21	Insulated Cutting Plier 12"	425040	No	280	Refer KPTCL SR
559	65.22	Insulated Cutting Plier 8"	425041	No	200	Refer KPTCL SR
560	65.23	Live Line Tester (HT)	440000	No	78	Refer KPTCL SR
561	65.24	LT Line Tester	440005	No	50	50
562	65.25	High Voltage Detector	440008	No	17743	17743
563	65.26	Screw Driver 18"	425522	No	110	Refer KPTCL SR

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564	65.27	Screw Driver 12"	425521	No	95	Refer KPTCL SR
565	65.28	Screw Ddriver 8"	425518	No	90	90
566	65.29	Hammer 8 Lbs	418141	No	224	Refer KPTCL SR
567	65.30	Hammer 2 Lbs	418100	No	168	Refer KPTCL SR
568	65.31	Allen Key	424260	No	215	Refer KPTCL SR
569	65.32	Adjustabale Screw Spanner 8"	424364	No	180	180
570	65.33	Adjustabale Screw Spanner 12"	424365	No	300	300
571	65.34	Box Spanner	424120	Set	2500	Refer KPTCL SR
572	65.35	Transil Oil Dielectric Breakdown Test Kit	440060	No	70464	Refer KPTCL SR
573	65.36	SF6 Gas Leak Detector	440830	No	35276	Refer KPTCL SR
574	65.37	DC Volt Meter Range - 3V to + 5V	359180	No	503	Refer KPTCL SR
575	65.38	Specific Gravity Correction Chart	620172	No	159	Refer KPTCL SR
576	65.39	Wall Mounting Type Holder for Hydrometer	430311	No	112	Refer KPTCL SR
577	65.40	Earth Resistance Tester	359481	No	6040	Refer KPTCL SR
578	65.41	Rubber Aprpon	427341	No	207	Refer KPTCL SR
579	65.42	Pippette	430140	No	391	Refer KPTCL SR
580	65.43	Protective Goggle	427330	No	425	Refer KPTCL SR
581	65.44	Acid Resisting Jar (4 Pint capacity)	429814	No	419	Refer KPTCL SR
582	65.45	Rubber Shoes Knee Height	427360	No	535	Refer KPTCL SR
583	65.46	Glass Funnel	430200	No	117	Refer KPTCL SR
584	65.47	Hickery Rod	427120	No	1070	Refer KPTCL SR
585	65.48	Manilla Rope 1" Dia	406226	100 Mtr	2106	Refer KPTCL SR
586	65.49	Manilla Rope 3/4" Dia	406220	100 Mtr	1911	Refer KPTCL SR
587	65.50	Polypropyline Rope of 26 mm Dia	406351	Kg	224	224
588	65.51	Files of sizes	426000	Set	280	Refer KPTCL SR
589	65.52	Safety Belt	427320	No	682	Refer KPTCL SR
590	65.53	Safety Belt with Accessories	427321	Set	3640	3640
591	65.54	Electrical Safety Helmet attached with Electronic Induction Tester	427311	Set	1660	1743
592	65.55	Hand Operated Crimping Tool 25 Sqmm to 400 Sqmm	425320	No	8802	8802
593	65.56	Common Meter Reading Instrument	358361	No	28997	28997
594	65.57	Thermal Imaging Camera	440661	No	399299	399299
595	65.58	Hydraulic Crimping Tool with suitable Dies for crimping lugs of size upto 400 Sqmm	425360	Set	10626	10626
596	65.59	Hi Visibility Reflective Jacket	407301	No	690	690
597	65.60	Hi Visibility Reflective Rain Wear	407302	No	2773	2773
598	65.61	Protective Eye Wear for Safety with integral hands free LED Lighting	407303	No	1036	1036
599	65.62	Safety shoes with Two Pair of socks	427322	Pair	1729	1729
600	65.63	Chain saw (Motorised), extremely robust and long lasting chain saw. Highly suitably for cutting firewood, thinning shrubs and bushes and shaping trees.	414371	Set	27731	27731
601	65.64	FRP wall Extension ladder	427075	Set	12980	12980
602	65.65	LDPE Safety Cone with ESCOM's Logo	407370	No	1800	1800
603	65.66	HM HDPE Flexible Poly Film Barricade Tape of 50 Microns with ESCOM's Logo, Caution, Danger & Men At Work	407375	Mtr	2.8	2.8
604	65.67	Men at work Sign Board	407380	No	2000	2000
605	65.68	Insulated Crowbar	404065	No	750	750
606	65.69	Head Torch	427447	No	400	400

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607	65.70	Insulated GOS Operating Handle/Rod for Redesigned & Modified GOS	503215	No	2125	2125
	<b>66</b>	<b>Miscellaneous Materials</b>				
608	66.01	Cable Covering Tile 125x250x40 mm	801035	Per 1000	10000	10000
609	66.02	Cable Covering Tile 125x125x40 mm	801034	Per 1000	5000	5000
610	66.03	RCC Hume Pipe 2000 mm long 150 mm Dia	820672	No	300	300
611	66.04	RCC Hume Pipe 2000 mm long 200 mm Dia	820673	No	380	380
612	66.05	Collars for RCC Hume Pipe 150 mm Dia	820703	No	80	80
613	66.06	Collars for RCC Hume Pipe 200 mm Dia	820704	No	100	100
614	66.07	MS Pipe 200 mm Dia with collar	765050	Mtr	937	937
615	66.08	Burnt Brick (Class 35 Modular)	802005	No	6	<b>8 (KPWD SR)</b>
616	66.09	Wire Cut Brick (Class 75 Modular)	802006	No	14	<b>19 (KPWD SR)</b>
617	66.10	Pre - Cast Hollow Block (40x20x20 cm) Grade 30	802007	No	43	<b>55 (KPWD SR)</b>
618	66.11	River Sand	800650	Cmt	1700	<b>1764 (KPWD SR)</b>
619	66.12	Artificial Sand/Manufacture Sand	800651	Cmt	1700	<b>1488 (KPWD SR)</b>
620	66.13	Cement in 50 Kg Bag	800030	Bag	360	<b>447 (KPWD SR)</b>
621	66.14	Ready Mix Concrete M20 (1:1.5:3)	800660	Cmt	5879	<b>6161 (KPWD SR)</b>
622	66.15	Ready Mix Concrete M25 (1:1:2)	800661	Cmt	6065	<b>6285 (KPWD SR)</b>
623	66.16	Spall (Jelly used for packing)	800662	Cmt	425	425
624	66.17	Stone Spall	800663	Cmt	335	335
625	66.18	Stone Boulder	800664	Cmt	675	<b>700 (KPWD SR)</b>
626	66.19	Route & Joint indicating slab with MS Anchor rod	802460	No	130	130
627	66.20	Black Cambric tape 25 mm wide 10 mil thick and in rolls of 50 Mtr	622675	Roll	127	127
628	66.21	Yellow Cambric tape 25 mm wide 7 mil thick and in rolls of 50 Mtr	622620	Roll	117	117
629	66.22	PVC Insulation Tapes 19 mm wide and in rolls of 10 Mtr	622720	Roll	14	14
630	66.23	ACB Paint	632030	Ltr	160	160
631	66.24	Aluminium Paint	632013	Ltr	240	240
632	66.25	Grey Enamel Paint smoke/battle ship	632050	Ltr	303	303
633	66.26	Red Oxide Paint	632020	Ltr	120	120
634	66.27	Cotton Tapes 19 mm wide and in rolls of 50 Mtr	622124	Roll	37	37
635	66.28	Cotton Waste	627520	Kg	50	50
636	66.29	Hack Saw Blade 300x12.5 mm	418185	No	8	8
637	66.30	TW Plate 300x300x25 mm with 20 mm Dia holes at the corners and coated with two coats of varnish on one side/SMC board	612621	No	257	257
638	66.31	TW Meter Board, 300x300x75 mm, coated with varnish/SMC board	612623	No	123	123
639	66.32	Monoplast	506559	100 Gm	62	62
640	66.33	Bitumen Compound	604060	Kg	73	73
	<b>67</b>	<b>1.1 kV, Class HR (Heat Resistant) PVC Insulated, Copper Control Cable as per IS-554 (Part-1)</b>				
641	67.01	2 Core, 2.5 Sqmm, 18 No GI Wires (1.4 mm)	289352	KM	62161	<b>Refer KPTCL SR</b>

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642	67.02	4 Core, 2.5 Sqmm, 21 No GI Wires (1.4 mm)	289354	KM	89713	Refer KPTCL SR
643	67.03	6 Core, 2.5 Sqmm, -- No GI Wires (1.4 mm)	289355	KM	134570	Refer KPTCL SR
644	67.04	8 Core, 2.5 Sqmm, -- No GI Wires (1.4 mm)	289356	KM	179426	Refer KPTCL SR
645	67.05	10 Core, 2.5 Sqmm, 28 No GI Wires (1.6 mm)	289360	KM	203868	Refer KPTCL SR
646	67.06	14 Core, 2.5 Sqmm, 32 No GI Wires (1.6 mm)	289364	KM	282810	Refer KPTCL SR
647	67.07	19 Core, 2.5 Sqmm, 36 No GI Wires (1.6 mm)	289369	KM	381130	Refer KPTCL SR
648	67.08	2 Core, 4 Sqmm, 21 No GI Wires (1.4 mm)	289370	KM	85471	Refer KPTCL SR
649	67.09	2 Core, 6 Sqmm, 24 No GI Wires (1.4 mm)	289452	KM	109121	Refer KPTCL SR
650	67.10	2 Core, 10 Sqmm, 26 No GI Wires (1.6 mm)	289472	KM	143093	Refer KPTCL SR
651	67.11	4 Core, 4 Sqmm, 24 No GI Wires (1.4 mm)	289404	KM	182222	Refer KPTCL SR
652	67.12	4 Core, 6 Sqmm, 25 No GI Wires (1.6 mm)	289454	KM	180421	Refer KPTCL SR
653	67.13	4 Core, 10 Sqmm, 28 No GI Wires (1.6 mm)	289474	KM	303134	Refer KPTCL SR
654	67.14	4 Core, 16 Sqmm, 30 No GI Wires (1.6 mm)	289484	KM	450390	Refer KPTCL SR
655	67.15	4 Core, 25 Sqmm, 36 No GI Wires (1.6 mm)	289485	KM	712000	Refer KPTCL SR
656	67.16	LED Bulb	446068	No	70	Refer KPWD SR
657	67.17	LED Tube Light	446069	No	220	Refer KPWD SR
658	67.18	LED Tube Light Fitting with Tube	446070	No	1000	Refer KPWD SR
659	67.19	Automatic Switch for Street Light	612645	No	2245	2245
660	67.20	Caution/Danger Board	613050	No	146	146
661	67.21	Standard Torch Cell 1.5V	612660	No	13	To be Deleted
662	67.22	Street light metering box made of MS sheet steel with Clamp	358012	No	1500	1500
663	67.23	Street light metering box made of SMC	358013	No	1901	1901
	<b>68</b>	<b>Full Threaded Bolt &amp; Nut as per IS-1367</b>				
		<b>MS</b>				
664	68.01	16x40 mm	733612	MT	84092	102592
665	68.02	16x50 mm	733613	MT	84092	102592
666	68.03	16x65 mm	733616	MT	84092	102592
667	68.04	16x75 mm	733618	MT	84092	102592
668	68.05	16x85 mm	733620	MT	84092	102592
669	68.06	16x100 mm	733623	MT	84092	102592
670	68.07	16x125 mm	733625	MT	84092	102592
671	68.08	16x150 mm	733628	MT	84092	102592
672	68.09	16x175 mm	733630	MT	84092	102592
673	68.10	16x200 mm	733633	MT	84092	102592
674	68.11	16x225 mm	733634	MT	84092	102592
		<b>GI</b>				
675	68.12	16x40 mm	280612	MT	112735	137537
676	68.13	16x50 mm	280613	MT	112735	137537
677	68.14	16x65 mm	280616	MT	112735	137537
678	68.15	16x75 mm	280618	MT	112735	137537
679	68.16	16x85 mm	280620	MT	112735	137537
680	68.17	16x100 mm	280623	MT	112735	137537
681	68.18	16x125 mm	280625	MT	112735	137537



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682	68.19	16x150 mm	280628	MT	112735	137537
683	68.20	16x175 mm	280630	MT	112735	137537
684	68.21	16x200 mm	280633	MT	112735	137537
685	68.22	16x225 mm	280634	MT	112735	137537
	<b>69</b>	<b>LT Brass Terminal Connector for Transformer (630 Amps, Approx. Weight 0.790 Kg)</b>				
686	69.01	250 kVA	542180	No	1010	1010
687	69.02	500 kVA	542185	No	1010	1010
	<b>70</b>	<b>Brass Cable Gland</b>				
688	70.01	25 mm	542190	No	77	77
689	70.02	32 mm	542192	No	93	93
690	70.03	40 mm	542194	No	144	144
691	70.04	45 mm	542196	No	192	192
	<b>71</b>	<b>For Distribution Transformer Centre (DTC) MS Box for housing the ETV Meter 3 Phase 4 Wire 5 Amps, with associated LT CT 0.5 Accuracy Class, ring type, with wiring Clamps, B&amp;N and all other accessories required. (EXCLUDING ETV METER)</b>				
692	71.01	With CT Ratio 50/5 for 15/25 kVA DTC	358055	Set	5287	6873
693	71.02	With CT Ratio 100/5 for 50/63 kVA DTC	358060	Set	4867	6327
694	71.03	With CT Ratio 150/5 for 100 kVA DTC	358065	Set	4564	5933
695	71.04	With CT Ratio 400/5 for 250 kVA DTC	358070	Set	4726	6144
696	71.05	With CT Ratio 800/5 for 500 kVA DTC	358075	Set	4858	6315
		<b>SMC metering box as above</b>				
697	71.06	With CT Ratio 50/5 for 15/25 kVA DTC	358056	Set	5287	6873
698	71.07	With CT Ratio 100/5 for 50/63 kVA DTC	358061	Set	4867	6327
699	71.08	With CT Ratio 150/5 for 100 kVA DTC	358066	Set	4564	5933
700	71.09	With CT Ratio 400/5 for 250 kVA DTC	358071	Set	4726	6144
701	71.10	With CT Ratio 800/5 for 500 kVA DTC	358077	Set	4858	6315
	<b>72</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/Amorphous 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, Copper busbar with LT Metering facility</b>				
702	72.01	100 kVA Al. Wound Transformer, 250 Amps MCCB 50 kA 4 pole fixed type micro processor based for LT incomer and 2 Nos. 100 Amps MCCB 4 pole 36 kA TM Based for out going	276530	Set	1293000	1680900

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703	72.02	250 kVA Al. Wound Transformer, 400 Amps MCCB 50 kA 4 pole fixed type micro processor based for LT incomer and 3 Nos. 250 Amps MCCB 4 pole 36 kA TM Based for out going	276540	Set	1655000	2151500
704	72.03	500 kVA Al. Wound Transformer, 800 Amps ACB 50 kA 4 pole fixed type micro processor based for LT incomer and 4 Nos. 250 Amps MCCB 4 pole 36 kA TM Based for out going	276550	Set	2176000	2828800
705	72.04	800 kVA Copper Wound Transformer, 1250 Amps ACB 50 kA 4 pole fixed type micro processor based for LT incomer and 6 Nos. 250 Amps MCCB 4 pole 36 kA TM Based for LT out going	276576	Set	2700000	3510000
706	72.05	1000 kVA Copper Wound Transformer, 1600 Amps ACB 50 kA 4 pole fixed type micro processor based for LT incomer and 2 Nos. 400 Amps MCCB + 4 No. 250 Amps MCCB 4 pole 36 kA TM Based for LT out going.	276599	Set	3327000	4325100
707	72.06	800 kVA	321475	No	1000000	1100000
708	72.07	1000 kVA	321490	No	1500000	1650000
709	72.08	LT ACB 800 Amps	310521	No	211000	211000
710	72.09	LT ACB 1250 Amps	310522	No	240000	240000
711	72.10	LT ACB 1600 Amps	310523	No	300000	300000
712	72.11	MCCB 250 Amps	358093	No	25900	25900
713	72.12	MCCB 400 Amps	358095	No	33900	33900
	<b>73</b>	<b>Optical Fibre Cable (OFC) and its Accessories</b>				
714	73.01	288 Fibre OFC	286000	KM	270214	270214
715	73.02	96 Fibre OFC	286001	KM	101080	101080
716	73.03	48 Fibre OFC	286002	KM	74775	74775
717	73.04	HDPE/PLB Pipe 50/42 mm	286003	KM	82906	82906
718	73.05	HDPE/PLB Pipe 40/33 mm	286004	KM	60790	60790
719	73.06	Chambers at every 150 Mtr including pit	286005	No	6000	6000
720	73.07	Joint for 288 Fibre	286006	No	13735	13735
721	73.08	Joint for 96 Fibre	286007	No	5895	5895
722	73.09	Joint for 48 Fibre	286008	No	3935	3935
723	73.10	Blowing of cable above 24 Fibre	286009	KM	19220	19220
724	73.11	End Plug for HDPE/PLB	286010	No	20	20
	<b>74</b>	<b>SCRAP MATERIAL</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>	<b>Excluding GST</b>
725	74.01	Released Copper Conductor	791210	Kg	431	655.02
726	74.02	Copper winding released from failed distribution transformer	731211	Kg	213	655.02
727	74.03	Copper Cable with Lead	791207	Kg	275	655.02
728	74.04	Aluminium Busbar/Wire Pieces	791010	Kg	169	161.68
729	74.05	Aluminium winding released from failed distribution transformer	791175	Kg	140	161.68
730	74.06	Released ACSR Conductor	791101	Kg	111	104.3

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731	74.07	Released Aluminium cable	791531	Kg	71	161.68
		<b>Iron Items</b>				
732	74.08	SM Rail Pole, I Beam	790100	Kg	25	31.91
733	74.09	Ladder Pole, Tower Parts, Tubular Pole	790101	Kg	20	31.91
734	74.10	Cross Arm, Clamp etc	790104	Kg	27	31.91
735	74.11	Released Steel from RCC Pole (Skeleton Rods)	790103	Kg	20	31.91
736	74.12	Barbed/Ground wire/Zinc sheet etc.,	790102	Kg	20	31.91
737	74.13	Transformer Empty Tank of different capacity	790300	Kg	20	31.91
738	74.14	Scrap GOS with Insulator	790401	Kg	25	31.91
739	74.15	Broken Steel Furniture	790402	Kg	29	31.91
740	74.16	Brass	791300	Kg	195	195
741	74.17	Baliga Pole	793510	Rmtr	80	80
742	74.18	Scrap Wooden Furniture	793501	Kg	18	31.91
743	74.19	Empty Barrel of 210 Ltr Capacity - Good	442120	No	504	31.91
744	74.20	Empty Barrel of 210 Ltr Capacity - Scrap	795030	No	320	31.91
745	74.21	Lead	791400	Kg	89	31.91
746	74.22	Released HT Metering Cubicle, Distribution Box, Feeder Piller Box etc.,	795240	Kg	21	31.91
747	74.23	Released Energy Meter	795910	Kg	76	31.91
748	74.24	Released CT & PT	795500	Kg	74	31.91
		<b>Scrap Wooden Reel</b>				
749	74.25	In good condition	793504	Kg	16	16
750	74.26	Empty Wooden Reel Deteriorated and with Iron Rod	793550	No	85	85
751	74.27	Scrap RMU with/without breaker (rusted & broken panel) MEI Make	795210	MT	47801	31.91
752	74.28	Scrap Transformer Oil	795211	Ltr	29	31.91

**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