

## Schedule of Rate for Standard Stock Materials Common SR 2014-15 (33kV System)

Sl No	Item No	Name of the Material	Material Code	UoM	Common SR 2012-13 in ` FORD Rates inclusive of duties taxes & F&I	Common SR 2014-15 in ` FORD Rates inclusive of duties taxes & F&I
	<b>1</b>	<b><u>33/11 kV Transformer with all fittings and accessories, OLTC, RTCC, First filling of oil and 10 % Spare oil</u></b>				
1	1.1	5 MVA	322205	No	4129300	4557570
2	1.2	10 MVA	322210	No	9235300	10267860
	<b>2</b>	<b><u>Circuit Breakers</u></b>				
3	2.1	33 kV Circuit Breaker SF6 type 800A, 25kA	311601	No	326940	349540
	<b>3</b>	<b><u>11kV Switch Gear</u></b>				
4	3.1	11kV 500MVA (1600A, for two incomer & two capacitor bank and 1250A for eight feeders) indoor type switchgear comprising 2IC+10F+1BC+2AP VCB's all of 25KA retpuring capacity as per technical specification		Set	7123629	7616045
5	3.2	11kV 500MVA (1600A, for one incomer & one capacitor bank and 1250A for four feeders) indoor type switchgear comprising 1IC+5F+1BC+1AP VCB's all of 25KA retpuring capacity as per technical specification		Set	3760685	4020640
6	3.3	11kV, 500 MVA, (1600A, for incomer & 1250 A for feeder) outdoor Switch gear, comprising of 2IC+1BC+12F + 1 AP3 VCBs	309204	Set	7918842	8466226
7	3.4	11kV, 500 MVA, (1600A, for incomer & 1250 A for feedder) outdoor Switch gear, comprising of 2IC+1BC+10F+1 AP3 VCBs	309202	Set	6894963	7371572
8	3.5	11 KV, 500 MVA, 1250 A, (I/C) and 800 A (feeder), outdoor Switch Gear, comprising of 2IC+1BC+8F+1AP3 VCBs	309200	Set	5803156	6204295
9	3.6	11 kV Switch gear, 350 MVA, 800 Amps Outdoor MCVCB comprising of 1IC+5F+1 AP3	309206	Set	3174149	3393560
10	3.7	11kV 500 MVA 1250 Amps 25kA feeder panel	309208	No	528802	565355
11	3.8	11kV 500 MVA 1250 Amps SWG 1IC+5F+1AP3 MCVCB	309210	Set	3227925	3451053
	<b>4</b>	<b><u>11kV Kiosk</u></b>				
12	4.1	11kV 350 MVA, 800A Outdoor Type, kiosk comprising of 1IC+4F+1 AP3 PCVCB	309214	Set	2012000	2151078
13	4.2	11kV, 350 MVA, 800A Outdoor type, kiosk PCVCB	309218	No	297000	317530
	<b>5</b>	<b><u>Instrument Transformers</u></b>				
	<b>5.1</b>	<b><u>Current Transformers</u></b>				
14	5.1.1	220kV CT's		No	269490	298147
15	5.1.2	110 kV 0.2 class accuracy CT with all accessories for metering purpose				
16		a. CT ratio 100-75-1A		No	102917	113861
17		b. CT ratio 100-50-75-5A		No	103590	114606
18		c. CT ratio 100-5A		No	102920	113864
19	5.1.3	33 kV class CT With 0.2 accuracy class 400 - 200/1-1A for lines	336470	No	25960	28721
20	5.1.4	33 kV class CT With 0.2 accuracy class 200 - 100/1-1-1A for Transformer	336473	No	25960	28721
21	5.1.5	33kV Class CT 30/5A	336400	No	16230	17956
22	5.1.6	33kV Outdoor CT's 400/200/1-1		No	New Item	35136
23	5.1.7	33kV Outdoor CT's 200/100/1-1		No	New Item	35136
24	5.1.8	11kV Outdoor CT's 800/400/1-1-1		No	New Item	29704
25	5.1.9	11kV Outdoor CT's 600/300/1-1-1		No	New Item	26734
26	5.1.10	11kV Outdoor CT's 400/200/1-1-1		No	New Item	27848
27	5.1.11	11kV Outdoor CT's 200/100/1-1		No	New Item	23392
28	5.1.12	11kV NCTs 800-400/1-1-1A (for 350 MVA SWG)	330210	No	16230	17956
29	5.1.13	11kV NCTs 600-300/1-1-1A (for PCVCBs)	330220	No	16230	17956
	<b>6</b>	<b><u>Potential Transformers</u></b>				
30	6.1	220kV PTs		No	607520	607520
31	6.2	110kV 0.2 class accuracy PT with all accessories for metering purpose		Nos	137000	151568
32	6.3	33kV Voltage Transformer 33kV $\sqrt{3}$ 110 $\sqrt{3}$ - 110 $\sqrt{3}$	335512	No	34650	38335
33		33kV Outdoor PT's		No	New Item	
34	6.4	11kV Voltage Transformer 11kV/110V-110V	335220	No	7780	8607
35	6.5	11kV Outdoor PT's		No	New Item	
	<b>7</b>	<b><u>Lightning Arester</u></b>				
36	7.1	a) 30kV Lightning Arester Normal Duty Metal oxide (Discharge Class-2)	303510	No	11050	12225
37	7.2	b) 30kV Lightning Arester Normal Duty Metal oxide (Discharge Class-3)	303512	No	7940	8784
38	7.3	30kV Lightning Arester Normal Duty polymeric	303520	No	10030	11096
	<b>8</b>	<b><u>Isolators</u></b>				
39	8.1	Isolators 33kV 800A, 25kA Upright with Earth Switch complete metallic portion with insulator	304536	Set	73300	78367
40	8.2	Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 3750mm)	304524	Set	68260	72978
41	8.3	Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 4750mm)	304525	Set	73320	78388
	<b>9</b>	<b><u>Battery Set/Battery Charger</u></b>				
42	9.1	Battery Set (Tubular) 48V, 100Ah	344007	Set	75600	75600
43	9.2	Battery Set (Tubular) 110V, 100Ah	344011	Set	165600	165600
44	9.3	Battery Set (Maintance free VRLA) 48V, 100Ah	344107	Set	38400	38400

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45	9.4	Battery Set (Maintenance free VRLA) 110V, 100Ah	344111	Set	82800	82800
46	9.5	Battery Charger 48V, 100Ah	344416	Set	39700	42135
47	9.6	Battery Charger 110V, 100Ah (with float cum boost charger working on 230V 1ph AC supply along with integral DCDB consisting 4 nos. O/G feeders as per specifications)	344426	Set	74200	78750
48	9.7	Capacitor Bank with 0.2% Series reactor & NCT 12.1kV 2.5 MVar star connected Capacitor Bank	333424	Set	403200	403200
	<b>10</b>	<b>Panel</b>				
49	10.1	33 kV Line Panel (Simplex)	339500	No	402800	402800
50	10.2	33/11kV Transformer Panel (Simplex)	339530	No	584000	584000
51	10.3	33 kV Capacitor Bank Panel	339540	No	321900	321900
	<b>11</b>	<b>Towers</b>				
52	11.1	a) Design, fabrication, galvanizing and supply of transmission line tower materials including stubs	201050	MT	98450	102614
53	11.2	b) Fabrication, galvanization and supply of mild steel tower materials	201055	MT	83664	87203
54	11.3	c) Supply of galvanised Bolts & Nuts	736002	MT	98450	102614
55	11.4	d) Supply of stub templates	210080	MT	98450	102614
	<b>12</b>	<b>Outdoor type meter box to house ETV meters, made of CRCA steel mounted on angle iron frame work</b>				
56	12.1	Meter box suitable for fixing 6 ETV meters	358046	No	13973	14371
57	12.2	Meter box suitable for fixing 4 ETV meters	358044	No	8541	8784
58	12.3	Meter box suitable for fixing 3 ETV meters	358043	No	5979	6149
	<b>13</b>	<b>Insulators</b>				
59	13.4	Solid Core Insulator 33kV	283125	No	2894	3253
60	13.2	33 kV Pin Insulator (Shell only)	283006	No	388	437
61	13.3	33 kV Pin Insulator (Pin only)	283056	No	155	162
62	13.4	33kV Composite Disc Insulator	283433	No	647	728
	<b>14</b>	<b>HARDWARE CLAMPS FOR STATION MATERIALS</b>				
	<b>14.1</b>	<b>Bolted Type Tension Clamp</b>				
63	14.1.1	Single Lynx ACSR conductor 70/90 kN 16mm	285080	No	963	1015
64	14.1.2	Single Coyote ACSR conductor 70/90 kN 16mm	285079	No	866	913
65	14.1.3	Single Rabbit ACSR conductor 70/90 kN 16mm	285078	No	662	698
	<b>14.2</b>	<b>Bolted Type Suspension Clamp</b>				
66	14.2.1	Single Lynx ACSR conductor 70/90 kN 16mm	285050	No	758	799
67	14.2.2	Single Coyote ACSR conductor 70/90 kN 16mm	258046	No	686	723
68	14.2.3	Single Rabbit ACSR conductor 70/90 kN 16mm	285038	No	541	571
69	14.3	Ground Wire Clamp 7/3.15mm 2 bolt	281410	No	686	723
	<b>14.4</b>	<b>Post Insulator Clamp</b>				
70	14.4.1	Single Lynx ACSR conductor 127/76mm	285699	No	566	596
71	14.4.2	Single Coyote ACSR conductor 127/76mm	285697	No	517	545
72	14.4.3	Single Rabbit ACSR conductor 76mm	285696	No	481	507
	<b>14.5</b>	<b>"T" Clamp for ACSR Conductor</b>				
73	14.5.1	Single Lynx to Single Lynx	285610	No	325	343
74	14.5.2	Single Coyote to Single Coyote	285605	No	301	317
	<b>14.6</b>	<b>Terminal connector clamp for ACSR Conductor</b>				
75	14.6.1	Single Lynx	282620	No	511	539
76	14.6.2	Single Coyote	282616	No	439	463
	<b>15</b>	<b>STATION STRUCTURES</b>				
77	15.1	Fabrication, galvanization and supply of Station Structures	276110	MT	136208	143591
78	15.2	Supply of galvanized Bolts & Nuts		MT	123931	130648
79	15.3	Double pole structure for 33kV	279103	Set	5515	5672
80	15.4	V-Shape X arm for 33kV	279016	No	823	846
81	15.5	HT ST Support for 33kV	279093	No	343	353
82	15.6	Clamp 9.5M RCC Pole for 33kV	279526	No	93	96
	<b>16</b>	<b>33 kV 3 Core XLPE UG Insulated Aluminium Cable</b>				
83	16.1	33 kV 3 Core XLPE UG Cable-95 Sqmm	287451	Km	2102240	2286860
84	16.2	33 kV 3 Core XLPE UG Cable-150 Sqmm	287453	Km	2470100	2689630
85	16.3	33 kV 3 Core XLPE UG Cable-240 Sqmm	287456	Km	2720400	2973570
86	16.4	33 kV 3 Core XLPE UG Cable-300 Sqmm	287457	Km	3621840	3938710
87	16.5	33 kV 3 Core XLPE UG Cable-400 Sqmm	287458	Km	4185000	4553100
	<b>17</b>	<b>33kV Jointing and Cable termination kits for XLPE cable</b>				
	<b>17.1</b>	<b>Heat Shrinkable type transition jointing kit</b>				
88	17.1.1	33 kV 3 Core XLPE UG Cable-95 Sqmm	288050	No	23100	23100
89	17.1.2	33 kV 3 Core XLPE UG Cable-150 Sqmm	288052	No	23100	23100
90	17.1.3	33 kV 3 Core XLPE UG Cable-240 Sqmm	288054	No	34060	34060
91	17.1.4	33 kV 3 Core XLPE UG Cable-300 Sqmm	288055	No	34060	34060
92	17.1.5	33 kV 3 Core XLPE UG Cable-400 Sqmm	288056	No	39500	39500
	<b>17.2</b>	<b>Heat Shrinkable indoor type cable termination kit</b>				
93	17.2.1	33 kV 3 Core XLPE UG Cable-95 Sqmm	288060	No	5840	5840
94	17.2.2	33 kV 3 Core XLPE UG Cable-150 Sqmm	288062	No	5840	5840
95	17.2.3	33 kV 3 Core XLPE UG Cable-240 Sqmm	288064	No	7990	7990
96	17.2.4	33 kV 3 Core XLPE UG Cable-300 Sqmm	288065	No	7990	7990
97	17.2.5	33 kV 3 Core XLPE UG Cable-400 Sqmm	288066	No	8740	8740
	<b>17.3</b>	<b>Heat Shrinkable outdoor type cable termination kit</b>				
98	17.3.1	33 kV 3 Core XLPE UG Cable-95 Sqmm	288070	No	7255	7255
99	17.3.2	33 kV 3 Core XLPE UG Cable-150 Sqmm	288072	No	7255	7255
100	17.3.3	33 kV 3 Core XLPE UG Cable-240 Sqmm	288074	No	9030	9030
101	17.3.4	33 kV 3 Core XLPE UG Cable-300 Sqmm	288075	No	9030	9030

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102	17.3.5	33 kV 3 Core XLPE UG Cable-400 Sqmm	288076	No	10730	10730
	<b>17.4</b>	<b>Heat Shrinkable Straight through jointing kits with Aluminum lugs &amp; ferrules</b>				
103	17.4.1	33 kV 3 Core XLPE UG Cable-95 Sqmm	288080	No	18920	18920
104	17.4.2	33 kV 3 Core XLPE UG Cable-150 Sqmm	288082	No	18920	18920
105	17.4.3	33 kV 3 Core XLPE UG Cable-240 Sqmm	288084	No	25320	25320
106	17.4.4	33 kV 3 Core XLPE UG Cable-300 Sqmm	288085	No	25320	25320
107	17.4.5	33 kV 3 Core XLPE UG Cable-400 Sqmm	288086	No	30160	30160