

Schedule of Rate for Standard Stock Materials Common SR 2016-17 (33kV System)

Sl No	Item No	Name of the Material	UoM	Material Code	Common SR 2014-15 in Rs FORD Rates inclusive of duties taxes & E&I	Common SR 2016-17 in Rs FORD Rates inclusive of duties taxes & E&I
	1	<u>33/11 kV Transformer with all fittings and accessories, OLTC, RTCC, First filling of oil and 10 % Spare oil</u>	No.			
1	1.1	5 MVA	No.	322205	4557570	3865685
2	1.2	10 MVA	No.	322210	10267860	Will be intimated by independent committee
3	1.3	12.5MVA				6659932
	2	<u>Circuit Breakers</u>				
4	2.1	33 kV Circuit Breaker SF6 type 800A, 25kA	No.	311601	349540	306000
	3	<u>11kV Switch Gear</u>				
5	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 repturing capacity as per technical specification	Set		7616045	7367300
6	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 repturing capacity as per technical specification	Set		4020640	3889300
7	3.3	11 kV, 500 MVA, (1600A, for incomer & 1250 A for feeder) outdoor Switch gear, comprising of 2I+1BC+12 f + 1 AP3 VCBs	Set	309204	8466226	8189700

8	3.4	11 kV, 500 MVA, (1600A, for incomer & 1250 A for feeder) outdoor Switch gear, comprising of 2I+1BC+10 f + 1 AP3 VCBs	Set	309202	7371572	7130800
9	3.5	11 KV, 500 MVA, 1250 A, (I/C) and 800 A (feeder), outdoor Switch Gear, comprising of 2I+1BC+8F+1AP3 VCBs	Set	309200	6204295	6001700
10	3.6	11 kV Switch gear, 350 MVA, 800 Amps Outdoor MCVCB comprising of 1 I + 5 f + 1 AP3	Set	309206	3393560	3282700
11	3.7	11 KV 500 MVA 1250 Amps 25 KA feeder panel	No.	309208	565355	551000
12	3.8	11 KV 500 MVA 1250 Amps SWG 1I+5F+1AP3 MCVCB	Set	309210	3451053	3338400
	4	<u>11kV Kiosk</u>				
13	4.1	11 kV 350 MVA, 800A Outdoor Type, kiosk comprising of 1 I + 4 f + 1 AP3 PCVCB	Set	309214	2151078	2080800
14	4.2	11 kV, 350 MVA, 800A Outdoor type, kiosk PCVCB	No.	309218	317530	308500
15	4.3	1I/C+4F+1AP, PCVCB to 33KV Kv Kaginele Station	sets		NEW ITEM	2307515
16	4.4	1I/C+3F+1AP, PCVCB to 33KV Kv Mallur Station	sets		NEW ITEM	1921908
17	4.5	2I/C+6F+1AP, PCVCB	sets		NEW ITEM	3789748
18	4.6	2I/C+8F+1AP to 33 KV I/E station	sets		NEW ITEM	4566276
19	4.7	11kV, 500 MVA, Outdoor type Switchgear with 21C+8F+2CB+1BC+1AP provided with VCB's, 1600A for incomer & capacitor Bank, 1250 A for outgoing feeders, all of 25 KA rupturing capacity as per technical specification and SCADA compatible	sets		NEW ITEM	8431730
20	4.8	Procurment of PCVCBs to Batkal Station(1I/C+4F+1AP)	sets		NEW ITEM	2309181
21	4.9	Procurement of PCVCBs to 33/11 KV station Kahanagaon Belagaum	sets		NEW ITEM	3760310
	5	<u>Instrument Transformers</u>				
	5.1	Current Transformers				
22	5.1.1	220kV CT's	No.		298147	302250
23	5.1.2	220kV class 1200-800-600-400-300/1-1-1-1	No.			256000
		110 kV 0.2 class accuracy CT with all accessories for metering purpose				
24	5.1.3	a. CT ratio 100-75-1A	No.		113861	115430

25	5.1.4	b. CT ratio 100-50-75-5A	No.		114606	116180
26	5.1.5	c. CT ratio 100-5A	No.		113864	115430
27	5.1.6	33 kV class CT With 0.2 accuracy class 400 - 200/1-1A for lines	No.	336470	28721	29120
28	5.1.7	33 kV class CT With 0.2 accuracy class 200 - 100/1-1-1A for Transformer	No.	336473	28721	29120
29	5.1.8	33 kV class CT 30/5A	No.	336400	17956	18200
30	5.1.10	33 KV Outdoor CT's 400/200/1-1	No.		35136	35620
31	5.1.11	33 KV Outdoor CT's 200/100/1-1	No.		35136	35620
32	5.1.12	11 KV Outdoor CT's 800/400/1-1-1	No.		29704	30110
33	5.1.13	11 KV Outdoor CT's 600/300/1-1-1	No.		26734	27100
34	5.1.14	11 KV Outdoor CT's 400/200/1-1-1	No.		27848	28230
35	5.1.15	11 KV Outdoor CT's 200/100/1-1	No.		23392	23710
36	5.1.16	11kV NCTs 800-400/1-1-1A (for 350 MVA SWG)	No.	330210	17956	30000
37	5.1.17	11kV NCTs 600-300/1-1-1A (for PCVCBs)	No.	330220	17956	43000
	6	<u>Potential Transformers</u>				
38	6.1	220kV PT's	No		672122	681370
39	6.1.1	220kV $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}-110V$	No			224000
40	6.1.2	110 KV 0.2 class accuracy PT with all accessories for metering purpose	Nos.		151568	98000
41	6.1.3	33kV Voltage Transformer 33kV $\sqrt{3} 110\sqrt{3}-110\sqrt{3}$	No.	335512	38335	34000
42	6.1.4	33 KV Outdoor PT's	No.			
43	6.1.5	11kV Voltage Transformer 11kV / 110V-110V(3 phase)	No.	335220	8607	8730
44	6.1.6	11 KV Outdoor PT's	No			
	7	<u>Lightning Arrester</u>				
45	7.1	a) 30 kV Lightning Arrester Normal Duty Metal oxide (Discharge Class-2)	No.	303510	12225	9000
46	7.2	b) 30 kV Lightning Arrester Normal Duty Metal oxide (Discharge Class-3)	No.	303512	8784	7970
47	7.3	30 kV Lightning Arrester Normal Duty polymeric	No.	303520	11096	10950
	8	<u>Isolators</u>				
48	8.1	Isolators 33kV 800A, 25kA Upright with Earth Switch complete metallic portion with insulator	Set	304536	78367	78000

49	8.2	Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 3750mm)	Set	304524	72978	59000
50	8.3	Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 4750mm)	Set	304525	78388	80000
	9	<u>Battery Set/Battery Charger</u>				
51	9.1	Battery Set (Tubular) 48 V, 100 Ah	Set	344007	75600	136956
52	9.2	Battery Set (Tubular) 110 V, 100 Ah	Set	344011	165600	300000
53	9.3	Battery Set (Maintenance free VRLA) 48 V, 100 Ah	Set	344107	38400	69565
54	9.4	Battery Set (Maintenance free VRLA) 110 V,100 Ah	Set	344111	82800	15000
55	9.5	Battery Charger 48 V, 100 Ah	Set	344416	42135	58854
56	9.6	Battery Charger 110V, 100 Ah (with float cum boost charger working on 230V 1ph AC supply along with integral DCDB consisting 4 nos. O/G feeders as per specifications)	Set	344426	78750	110000
57	9.7	Capacitor Bank with 0.2% Series reactor & NCT 12.1kV 2.5 MVAR star connected Capacitor Bank	Set	333424	403200	403200
	10	<u>Panel</u>				
58	10.1	33 kV Line Panel (Simplex)	No.	339500	402800	326000
59	10.2	33/11kV Transformer Panel (Simplex)	No.	339530	584000	472631
60	10.3	33 kV Capacitor Bank Panel	No.	339540	321900	260513
	11	<u>Towers</u>				
61	11.1	a) Design,fabrication,galvansing and supply of transmission line tower materials including stubs	M.T.	201050	102614	94000
62	11.2	b) Fabrication,galvanization and supply of mild steel tower materials	M.T.	201055	87203	85000
63	11.3	c) Supply of galvanised Bolts & Nuts	M.T.	736002	102614	119000
64	11.4	d) Supply of stub templates	M.T.	210080	102614	89336
	12	<u>Outdoor type meter box to house ETV meters, made of CRCA steel mounted on angle iron frame work</u>				
65	12.1	Meter box suitable for fixing 6 ETV meters	No.	358046	14371	14371

66	12.2	Meter box suitable for fixing 4 ETV meters	No.	358044	8784	8784
67	12.3	Meter box suitable for fixing 3 ETV meters	No.	358043	6149	6149
	13	<u>Insulators</u>				
68	13.4	Solid Core Insulator 33kV	No.	283125	3253	3149
69	13.2	33 kV Pin Insulator (Shell only)	No.	283006	437	520
70	13.3	33 kV Pin Insulator (Pin only)	No.	283056	162	208
71	13.4	33kV Composit Disc Insulator	No.	283433	728	704
72	13.5	33kV Polymer Pin Insulator			New Item	962
73	13.6	33kV 70 KL Polymer Insulator (Ball & socket type)			New Item	585
	14	<u>HARDWARE CLAMPS FOR STATION MATERIALS</u>				
	14.1	Bolted Type Tension Clamp				
74	14.1.1	Single Lynx ACSR conductor 70/90 kN 16mm	No.	285080	1015	963
75	14.1.2	Single Coyote ACSR conductor 70/90 kN 16mm	No.	285079	913	905
76	14.1.3	Single Rabbit ACSR conductor 70/90 kN 16mm	No.	285078	698	681
	14.2	Bolted Type Suspension Clamp				
77	14.2.1	Single Lynx ACSR conductor 70/90 kN 16mm	No.	285050	799	860
78	14.2.2	Single Coyote ACSR conductor 70/90 kN 16mm	No.	258046	723	780
79	14.2.3	Single Rabbit ACSR conductor 70/90 kN 16mm	No.	285038	571	624
	14.3	Ground Wire Clamp 7/3.15mm 2 bolt	No.	281410	723	882
	14.4	Post Insulator Clamp				
80	14.4.1	Single Lynx ACSR conductor 127/76mm	No.	285699	596	643
81	14.4.2	Single Coyote ACSR conductor 127/76mm	No.	285697	545	595
82	14.4.3	Single Rabbit ACSR conductor 76mm	No.	285696	507	445
	14.5	"T" Clamp for ACSR Conductor				
83	14.5.1	Single Lynx to Single Lynx	No.	285610	343	366
84	14.5.2	Single Coyote to Single Coyote	No.	285605	317	436
	14.6	Terminal connector clamp for ACSR Conductor				
85	14.6.1	Single Lynx	No.	282620	539	586
86	14.6.2	Single Coyote	No.	282616	463	504

	15	<u>STATION STRUCTURES</u>				
87	15.1	Fabrication, galvanization and supply of Station Structures	MT	276110	143591	125010
88	15.2	Supply of galvanized Bolts & Nuts	MT		130648	113742
89	15.3	Double pole structure for 33kV	Set	279103	5672	4931
90	15.4	V-Shape X arm for 33 kV	No.	279016	846	736
91	15.5	HT ST Support for 33 kV	No.	279093	353	307
92	15.6	Clamp 9.5M RCC Pole for 33kV	No.	279526	93	81
	16	<u>33 kV 3 Core XLPE UG Insulated Aluminium Cable</u>				
93	16.1	33 kV 3 Core XLPE UG Cable- 95 Sq.mm	km	287451	2286860	Will be intimated by independent committee
94	16.2	33 kV 3 Core XLPE UG Cable- 150 Sq.mm	km	287453	2689630	
95	16.3	33 kV 3 Core XLPE UG Cable-240Sq.mm	km	287456	2973570	
96	16.4	33 kV 3 Core XLPE UG Cable-300Sq.mm	km	287457	3938710	
97	16.5	33 kV 3 Core XLPE UG Cable-400Sq.mm	km	287458	4553100	
	17	<u>33kV Jointing and Cable termination kits for XLPE cable</u>				
	17.1	<u>Heat Shrinkable type transition jointing kit</u>				
98	17.1.1	33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288050	23100	23100
99	17.1.2	33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288052	23100	23100
100	17.1.3	33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288054	34060	34060
101	17.1.4	33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288055	34060	34060
102	17.1.5	33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288056	39500	39500
	17.2	<u>Heat Shrinkable indoor type cable termination kit</u>				
103	17.2.1	33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288060	5840	5840
104	17.2.2	33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288062	5840	5840
105	17.2.3	33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288064	7990	7990
106	17.2.4	33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288065	7990	7990
107	17.2.5	33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288066	8740	8740
	17.3	<u>Heat Shrinkable outdoor type cable termination kit</u>				
108	17.3.1	33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288070	7255	7255
109	17.3.2	33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288072	7255	7255
110	17.3.3	33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288074	9030	9030
111	17.3.4	33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288075	9030	9030

112	17.3.5	33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288076	10730	10730
	17.4	Heat Shrinkable Straight through jointing kits with Aluminum lugs& ferrules				
113	17.4.1	33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288080	18920	18920
114	17.4.2	33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288082	18920	18920
115	17.4.3	33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288084	25320	25320
116	17.4.4	33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288085	25320	25320
117	17.4.5	33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288086	30160	30160