

Schedule of Rate for Standard Stock Materials Common SR 2018-19 (33kV System)

Sl No	Item No	Name of the Material	UoM	Material Code	CSR 2016-17 Ford Rates in Rs inclusive of Taxes	Proposed CSR 2018-19 Ford Rates in Rs inclusive of Taxes
	1	33/11 kV Transformer with all fittings and accessories, OLTC, RTCC, First filling of oil and 10 % Spare oil	No.			
1		5 MVA	No.	322205	3865685	3942850
2		10 MVA	No.	322210	Will be intimated	5233333
3		12.5MVA			6659932	6792874
	2	Circuit Breakers				
4		33 kV Circuit Breaker SF6 type 800A, 25kA	No.	311601	306000	373000
	3	11kV Switch Gear				
5		11KV 500MVA (1600A, for two incomer & two capacitor bank and 1250A for eight feeders) MCVCB switchgear comprising 2I+10F+1BC+2AP VCB's all of 25KA rupturing capacity as per technical specification	Set		7367300	8692023
6		11KV 500MVA (1600A, for one incomer & one capacitor bank and 1250A for four feeders) MCVCB switchgear comprising 1I+5F+1BC+1AP VCB's all of 25KA rupturing capacity as per technical specification	Set		3889300	4049179
7		11 kV, 500 MVA, (1600A, for incomer & 1250 A for feeder) outdoor Switch gear, comprising of 2I+2F+1BC+1AP MCVCBs	Set	309204	8189700	9662300
8		11 kV, 500 MVA, (1600A, for incomer & 1250 A for feeder) outdoor Switch gear, comprising of 2I+10F+1BC+1AP VCBs	Set	309202	7130800	8349703
9		11 KV, 500 MVA, 1250 A, (I/C) and 800 A (feeder), outdoor Switch Gear, comprising of 2I+1BC+8F+1AP VCBs	Set	309200	6001700	7080872
10		11 kV Switch gear, 350 MVA, 800 Amps Outdoor MCVCB comprising of 1I+5F+1AP	Set	309206	3282700	3872966
11		11 KV 500 MVA 1250 Amps 25 KA feeder panel	No.	309208	551000	650076
12		11 KV 500 MVA 1250 Amps SWG 1I+5F+1AP MCVCB	Set	309210	338400	3938681
13		11kV 500MVA Indoor type Switchgear with 1I+5F+1AP provided with VCBs, 1600A for Incomer 1600A for capacitor Bank, 1250A for outgoing feeders all of 25KA rupturing capacity and SCADA Compatible			New Item	4049179
14		11kV, 350 MVA, Indoor type Switchgear with 1I+1BC+4F+1CB+1AP provided with VCBs, 1250A for incomer, Bus Coupler & capacitor Bank, 800A for outgoing feeders all of 20 KA rupturing capacity			New Item	4266673
15		11kV 500MVA Indoor type Switchgear with 2I+8 F+2CB+1BC+1AP provided with VCBs 1600A for Bus coupler, Incomer & capacitor Bank, 1250A for outgoing feeders all of 25KA rupturing capacity and SCADA Compatible			New Item	8692248
16		11kV, 500 MVA, Outdoor type Switchgear with 2I+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		8431730	8258810
17		11kV 500MVA Indoor type Switchgear with 2C+10F+1BC+1AP provided with VCBs 1600A for 2 Incomer & 2 capacitor Bank, 1250A for 8 feeders all of 25KA rupturing capacity and SCADA Compatible			New Item	8692023
		Annunciator Panels				
18		1IIC+4F			New Item	102000
19		1IIC+5F			New Item	131000
20		1IIC+6F			New Item	142000
21		2IC+8F+1BC			New Item	220000
	4	11kV Kiosk				
		11 kV 350 MVA, 800A Outdoor Type, kiosk comprising of 1I+4F+1AP 3 PCVCB	Set	309214	2080800	To be deleted Please see Item No 4.2.1
		11 kV, 350 MVA, 800A Outdoor type, kiosk PCVCB comprising 1IIC+4F+1AP, PCVCB	sets		2307515	2260192
		1IIC+3F+1AP, PCVCB	sets		1921908	1882493
		2IC+6F+1AP, PCVCB	sets		3789748	3712028
		2IC+8F+1AP PCVCB	sets		4566276	4472630
		11 kV, 350 MVA, 800A Outdoor type, kiosk PCVCB	No.		308500	302174

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		Procurement of PCVCBs to Batkal Station(II/C+4F+1AP)	sets		2309181	To be deleted Please see Item No:4.2.1
		Procurement of PCVCBs to 33/11 KV station Kahanagaon Belagaum	sets		3760310	To be deleted Please as Insufficient details
	5	Instrument Transformers				
		Current Transformers				
		220kV CT's	No.			
22		220kV class 1200-800-600-400-300/1-1-1-1A	No.		256000	251717
		110 kV 0.2 class accuracy CTs for metering purpose				
23		CT ratio 100-75/1A	No.		115430	113499
24		CT ratio 100-75-50/5A	No.		116180	114236
25		CT ratio 100/5A	No.		115430	113499
		33kV class CT with 0.2 accuracy class				
26		400 - 200/1-1A for lines	No.	336470	29120	36426
27		200 - 100/1-1-1A for Transformer	No.	336473	29120	36426
28		30/5A	No.	336400	18200	18000
29		33 KV Outdoor CT's 400-200/1-1	No.		35620	To be deleted Item No. 5.1.6
30		33 KV Outdoor CT's 200-100/1-1A	No.		35620	35227
		11kV class CT with 0.2 accuracy class				
31		11 KV Outdoor CT's 800-400/1-1-1A	No.		30110	29778
32		11 KV Outdoor CT's 600-300/1-1-1 A	No.		27100	26801
33		11 KV Outdoor CT's 400-200/1-1-1 A	No.		28230	27918
34		11 KV Outdoor CT's 200-100/1-1 A	No.		23710	23449
35		11kV NCTs 800-400/1-1-1A	No.	330210	30000	29669
36		11kV NCTs 600-300/1-1-1A	No.	330220	43000	42526
37		11kV Class Out door CT 200-100/1-1-1A			New Item	23836.35
		Potential Transformers				
		220kV PT's				
38		220kV $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}$	No		224000	224000
39		PTs 110 KV $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}$ 0.2 class accuracy	Nos.		98000	98000
		33 KV Outdoor PT's				
40		33kV Voltage Transformer 33kV $\sqrt{3}$ 110 $\sqrt{3}$ - 110 $\sqrt{3}$	No.	335512	34000	34000
41		33kV $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}-110V/\sqrt{3}$				38493
		Single phase PT 11kV/110V				
42		Single phase PT 11kV $\sqrt{3}/110V/\sqrt{3}$	No.	335220	8730	8633
43		3 Ph PT 11kV $\sqrt{3}/110V/\sqrt{3}$ -110V $\sqrt{3}-110V/\sqrt{3}$	No		27848	29000
		Lightning Arrester				
44		30 kV Lightning Arrester Normal Duty Metal oxide (Discharge Class-2)	No.	303510	9000	10052
45		30 kV Lightning Arrester Normal Duty Metal oxide (Discharge Class-3)	No.	303512	7970	8902
46		30 kV 10kA Lightning Arrester Normal Duty polymeric Discharge Class -2	No.	303520	10950	12947
		Isolators				
47		Isolators 33kV 800A, 25kA Upright with Earth Switch complete metallic portion with insulator	Set	304536	78000	81000
48		Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 3750mm)	Set	304524	59000	68000
49		Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 4750mm)	Set	304525	80000	79000
		Battery Set/Battery Charger				
50		Battery Set (Tubular) 48 V, 100 Ah	Set	344007	136956	136092
51		Battery Set (Tubular) 110 V, 100 Ah	Set	344011	300000	298108
52		Battery Set (Maintenance free VRLA) 48 V, 100 Ah	Set	344107	69565	69126
53		Battery Set (Maintenance free VRLA) 110 V,100 Ah	Set	344111	15000	14905
54		Battery Charger 48 V, 100 Ah	Set	344416	58854	66345
55		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	110000	124000
56		Capacitor Bank with 0.2% Series reactor & NCT 12.1kV 2.9 MVAR star connected Capacitor Bank	Set	333424	403200	397000
		Panel				
57		33 kV Line Panel (Simplex)	No.	339500	326000	366000

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58		33/11kV Transformer Panel (Simplex)	No.	339530	472631	530622
59		33 kV Capacitor Bank Panel	No.	339540	260513	292478
		Towers				
60		Design, fabrication, galvanising and supply of High Tension transmission line tower materials including stubs	M.T.	201050	94000	97000
61		Fabrication, galvanization and supply of mild steel tower materials	M.T.	201055	85000	88000
62		Supply of galvanised Bolts & Nuts	M.T.	736002	119000	123000
63		Supply of stub templates	M.T.	210080	89336	91866
64		Lattice Type Tower (Normal) for Road Crossing as per GESCOM Drawing	No	-	New Item	114500
65		Lattice Type Tower (Normal) with 3 mtrs Extension for Road Crossing as per GESCOM Drawing	No	-	New Item	146400
		CROSS ARM				
66		33kV Horizontal Cross arm as per MESCOM Drawing	No	-	New Item	820
		Outdoor type meter box to house ETV meters, made of CRCA steel mounted on angle iron frame work				
67		Meter box suitable for fixing 6 ETV meters	No.	358046	14371	14778
68		Meter box suitable for fixing 4 ETV meters	No.	358044	8784	9033
69		Meter box suitable for fixing 3 ETV meters	No.	358043	6149	6323
		Insulators				
70		Solid Core Insulator 33kV	No.	283125	3149	2294
71		33 kV Pin Insulator (Shell only)	No.	283006	520	379
72		33 kV Pin Insulator (Pin only)	No.	283056	208	249
73		33kV Composit Disc Insulator	No.	283433	704	344
74		33kV Polymer Pin Insulator			962	555
75		33kV 70 KN Polymer Insulator (Ball & socket type)			585	286
		HARDWARE CLAMPS FOR STATION MATERIALS				
		Bolted Type Tension Clamp				
76		Single Lynx ACSR conductor 70/90 kN 16mm	No.	285080	963	998
77		Single Coyote ACSR conductor 70/90 kN 16mm	No.	285079	905	937
78		Single Rabbit ACSR conductor 70/90 kN 16mm	No.	285078	681	705
		Bolted Type Suspension Clamp				
79		Single Lynx ACSR conductor 70/90 kN 16mm	No.	285050	860	891
80		Single Coyote ACSR conductor 70/90 kN 16mm	No.	258046	780	808
81		Single Rabbit ACSR conductor 70/90 kN 16mm	No.	285038	624	647
82		Ground Wire Clamp 7/3.15mm 2 bolt	No.	281410	882	913
		Post Insulator Clamp				
83		Single Lynx ACSR conductor 127/76mm	No.	285699	643	666
84		Single Coyote ACSR conductor 127/76mm	No.	285697	595	616
85		Single Rabbit ACSR conductor 76mm	No.	285696	445	565
86		DRAKE ACSR	Kms		New Item	251000
87		Strain clamps for Drake ACSR	No.		New Item	1714
88		Suspension Clamps for Drake ACSR	No.		New Item	1189
		Wedge Clamps for Drake ACSR				
89		Rabbit to Drake	No.		New Item	2734
90		Coyote to Drake	No.		New Item	2734
91		Lynx to Drake	No.		New Item	2691
92		Drake to Drake	No.		New Item	2691
93		PG clamps for DRAKE	No.		New Item	913
94		Post insulatators clamps suitable for Single Drake ACSR	No.		New Item	713
95		Post insulatators clamps suitable for Double Drake ACSR	No.		New Item	1081
96		Terminal connectors for Drake ACSR for connection to the Cable ends and isolator ends (Pad clamps)	No.		New Item	794
97		Vibration dampers for Drake	No.		New Item	1089
98		Repair Sleeves for Drake	No.		New Item	624
99		Mid span compression joints for coyote	No.		New Item	438
100		7/3.15mm GI ground conductor	Km.		New Item	64000
101		Number plates with pole clamps Bolt & nuts	No.		New Item	161
		"T" Clamp for ACSR Conductor				
102		Single Lynx to Single Lynx	No.	285610	366	379
103		Single Coyote to Single Coyote	No.	285605	436	360
		Terminal connector clamp for ACSR Conductor				
104		Single Lynx	No.	282620	586	607
105		Single Coyote	No.	282616	504	522
		STATION STRUCTURES				

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106		Fabrication, galvanization and supply of Station Structures	MT	276110	125010	128511
107		Supply of galvanized Bolts & Nuts	MT		113742	123000
108		Double pole structure for 33kV	Set	279103	4931	6052
109		V-Shape X arm for 33 kV	No.	279016	736	903
110		HT ST Support for 33 kV	No.	279093	307	377
111		Clamp 9.5M RCC Pole for 33kV	No.	279526	81	99
112		11kV XLPE UG cable as per Technical specification 1x1000 sq.mm aluminum Conductor, armoured cable	Km		New Item	1280986
		Cable termination Kits (Pot heads suitabel for following size cables as per Technical specification				
113		1x1000 sq.mm UG cable				
114		Indoor	No.		New Item	5323
115		Outdoor	No.		New Item	6010
		33 kV 3 Core XLPE UG Insulated Aluminium Cable (FLAT STRIP ARMOUR)				
116		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	km	287451	2459110	1182718
117		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	km	287453	2888020	1445695
118		33 kV 3 Core XLPE UG Cable-240Sq.mm	km	287456	3184300	1824306
119		33 kV 3 Core XLPE UG Cable-300Sq.mm	km	287457	4217900	2047746
120		33 kV 3 Core XLPE UG Cable-400Sq.mm	km	287458	4871370	2371292
		33 kV 3 Core XLPE UG Insulated Aluminium Cable (ROUND WIRE ARMOUR)				
121		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	km		New Item	1500446
122		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	km		New Item	1834923
123		33 kV 3 Core XLPE UG Cable-240Sq.mm	km		New Item	2315324
124		33 kV 3 Core XLPE UG Cable-300Sq.mm	km		New Item	2599285
125		33 kV 3 Core XLPE UG Cable-400Sq.mm	km		New Item	3009111
		33kV Jointing and Cable termination kits for XLPE cable				
		Heat Shrinkable type transition jointing kit				
126		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288050	23100	23754
127		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288052	23100	23754
128		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288054	34060	35025
129		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288055	34060	35025
130		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288056	39500	40619
		Heat Shrinkable indoor type cable termination kit				
131		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288060	5840	6960
132		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288062	5840	6960
133		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288064	7990	9360
134		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288065	7990	9360
135		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288066	8740	10516
		Heat Shrinkable outdoor type cable termination kit				
136		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288070	7255	8160
137		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288072	7255	8160
138		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288074	9030	10200
139		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288075	9030	10200
140		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288076	10730	12600
		Heat Shrinkable Straight through jointing kits with Aluminum lugs& ferrules				
141		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288080	18920	21600
142		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288082	18920	21600
143		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288084	25320	28800
144		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288085	25320	28800
145		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288086	30160	31800
		Miscellaneous Station Materials				
		Fire fighting equipment (Mech) 9.00 Ltr capacity				
146		Foam type extinguisher (Mech) 9.00 Ltr Capacity	No.		New Item	3456
147		Foam type extinguisher (Mech) 45 Ltr Capacity	No.		New Item	10436
148		Carbon dioxide type 6Lts capacity	No.		New Item	6651
		Sand type				
149		G.I Bucket 9 Ltr Capacity	No.		New Item	425
150		Steel Mounting stand for above buckets (Each stand for 3 buckets)	No.		New Item	1688
151		Water type (Gas pressure type) 9 ltrs capacity	No.		New Item	2043

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2		10 MVA	No.	322210	Will be intimated	5233333
3		12.5MVA			6659932	6792874
	2	Circuit Breakers				
4		33 kV Circuit Breaker SF6 type 800A, 25kA	No.	311601	306000	373000
	3	11kV Switch Gear				
5		11KV 500MVA (1600A, for two incomer & two capacitor bank and 1250A for eight feeders) MCVCB switchgear comprising 2I+10F+1BC+2AP VCB's all of 25KA rupturing capacity as per technical specification	Set		7367300	8692023
6		11KV 500MVA (1600A, for one incomer & one capacitor bank and 1250A for four feeders) MCVCB switchgear comprising 1I+5F+1BC+1AP VCB's all of 25KA rupturing capacity as per technical specification	Set		3889300	4049179
7		11 kV, 500 MVA, (1600A, for incomer & 1250 A for feeder) outdoor Switch gear, comprising of 2I+2F+1BC+1AP MCVCBs	Set	309204	8189700	9662300
8		11 kV, 500 MVA, (1600A, for incomer & 1250 A for feeder) outdoor Switch gear, comprising of 2I+10F+1BC+1AP VCBs	Set	309202	7130800	8349703
9		11 KV, 500 MVA, 1250 A, (I/C) and 800 A (feeder), outdoor Switch Gear, comprising of 2I+1BC+8F+1AP VCBs	Set	309200	6001700	7080872
10		11 kV Switch gear, 350 MVA, 800 Amps Outdoor MCVCB comprising of 1I+5F+1AP	Set	309206	3282700	3872966
11		11 KV 500 MVA 1250 Amps 25 KA feeder panel	No.	309208	551000	650076
12		11 KV 500 MVA 1250 Amps SWG 1I+5F+1AP MCVCB	Set	309210	338400	3938681
13		11kV 500MVA Indoor type Switchgear with 1I+5F+1AP provided with VCBs, 1600A for Incomer 1600A for capacitor Bank, 1250A for outgoing feeders all of 25KA rupturing capacity and SCADA Compatible			New Item	4049179
14		11kV, 350 MVA, Indoor type Switchgear with 1I+1BC+4F+1CB+1AP provided with VCBs, 1250A for incomer, Bus Coupler & capacitor Bank, 800A for outgoing feeders all of 20 KA rupturing capacity			New Item	4266673
15		11kV 500MVA Indoor type Switchgear with 2I+8 F+2CB+1BC+1AP provided with VCBs 1600A for Bus coupler, Incomer & capacitor Bank, 1250A for outgoing feeders all of 25KA rupturing capacity and SCADA Compatible			New Item	8692248
16		11kV, 500 MVA, Outdoor type Switchgear with 2I+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		8431730	8258810
17		11kV 500MVA Indoor type Switchgear with 2C+10F+1BC+1AP provided with VCBs 1600A for 2 Incomer & 2 capacitor Bank, 1250A for 8 feeders all of 25KA rupturing capacity and SCADA Compatible			New Item	8692023
		Annunciator Panels				
18		1I+4F			New Item	102000
19		1I+5F			New Item	131000
20		1I+6F			New Item	142000
21		2I+8F+1BC			New Item	220000
	4	11kV Kiosk				
		11 kV, 350 MVA, 800A Outdoor type, kiosk PCVCB comprising 1I+4F+1AP, PCVCB	sets		2307515	2260192
		1I+3F+1AP, PCVCB	sets		1921908	1882493
		2I+6F+1AP, PCVCB	sets		3789748	3712028
		2I+8F+1AP PCVCB	sets		4566276	4472630
		11 kV, 350 MVA, 800A Outdoor type, kiosk PCVCB	No.		308500	302174
	5	Instrument Transformers				
		Current Transformers				
		220kV CT's	No.			
22		220kV class 1200-800-600-400-300/1-1-1-1-1A	No.		256000	251717

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23		CT ratio 100-75/1A	No.		115430	113499
24		CT ratio 100-75-50/5A	No.		116180	114236
25		CT ratio 100/5A	No.		115430	113499
		33kV class CT with 0.2 accuracy class				
26		400 - 200/1-1A for lines	No.	336470	29120	36426
27		200 - 100/1-1-1A for Transformer	No.	336473	29120	36426
28		30/5A	No.	336400	18200	18000
30		33 KV Outdoor CT's 200-100/1-1A	No.		35620	35227
		11kV class CT with 0.2 accuracy class				
31		11 KV Outdoor CT's 800-400/1-1-1A	No.		30110	29778
32		11 KV Outdoor CT's 600-300/1-1-1 A	No.		27100	26801
33		11 KV Outdoor CT's 400-200/1-1-1 A	No.		28230	27918
34		11 KV Outdoor CT's 200-100/1-1 A	No.		23710	23449
35		11kV NCTs 800-400/1-1-1A	No.	330210	30000	29669
36		11kV NCTs 600-300/1-1-1A	No.	330220	43000	42526
37		11kV Class Out door CT 200-100/1-1-1A			New Item	23836.35
		Potential Transformers				
		220kV PT's				
38		220kV $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}$	No		224000	224000
39		PTs 110 KV $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}$ 0.2 class accuracy	Nos.		98000	98000
		33 KV Outdoor PT's				
40		33kV Voltage Transformer 33kV $\sqrt{3}$ 110 $\sqrt{3}$ - 110 $\sqrt{3}$	No.	335512	34000	34000
41		33kV $\sqrt{3}/110V/\sqrt{3}-110V/\sqrt{3}-110V/\sqrt{3}$				38493
		Single phase PT 11kV/110V				
42		Single phase PT 11kV/ $\sqrt{3}/110V/\sqrt{3}$	No.	335220	8730	8633
43		3 Ph PT 11kV/ $\sqrt{3}/110V/\sqrt{3}$ -110V/ $\sqrt{3}-110V/\sqrt{3}$	No		27848	29000
		Lightning Arrester				
44		30 kV Lightning Arrester Normal Duty Metal oxide (Discharge Class-2)	No.	303510	9000	10052
45		30 kV Lightning Arrester Normal Duty Metal oxide (Discharge Class-3)	No.	303512	7970	8902
46		30 kV 10kA Lightning Arrester Normal Duty polymeric Discharge Class -2	No.	303520	10950	12947
		Isolators				
47		Isolators 33kV 800A, 25kA Upright with Earth Switch complete metallic portion with insulator	Set	304536	78000	81000
48		Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 3750mm)	Set	304524	59000	68000
49		Isolators 33kV 800A, 25kA Upright without Earth Switch complete metallic portion with insulator (live point height 4750mm)	Set	304525	80000	79000
		Battery Set/Battery Charger				
50		Battery Set (Tubular) 48 V, 100 Ah	Set	344007	136956	136092
51		Battery Set (Tubular) 110 V, 100 Ah	Set	344011	300000	298108
52		Battery Set (Maintenance free VRLA) 48 V, 100 Ah	Set	344107	69565	69126
53		Battery Set (Maintenance free VRLA) 110 V,100 Ah	Set	344111	15000	14905
54		Battery Charger 48 V, 100 Ah	Set	344416	58854	66345
55		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	110000	124000
56		Capacitor Bank with 0.2% Series reactor & NCT 12.1kV 2.9 MVAR star connected Capacitor Bank	Set	333424	403200	397000
		Panel				
57		33 kV Line Panel (Simplex)	No.	339500	326000	366000
58		33/11kV Transformer Panel (Simplex)	No.	339530	472631	530622
59		33 kV Capacitor Bank Panel	No.	339540	260513	292478
		Towers				
60		Design, fabrication, galvanising and supply of High Tension transmission line tower materials including stubs	M.T.	201050	94000	97000
61		Fabrication, galvanization and supply of mild steel tower materials	M.T.	201055	85000	88000
62		Supply of galvanised Bolts & Nuts	M.T.	736002	119000	123000
63		Supply of stub templates	M.T.	210080	89336	91866
64		Lattice Type Tower (Normal) for Road Crossing as per GESCOM Drawing	No	-	New Item	114500
65		Lattice Type Tower (Normal) with 3 mtrs Extension for Road Crossing as per GESCOM Drawing	No	-	New Item	146400
		CROSS ARM				
66		33kV Horizontal Cross arm as per MESCOM Drawing	No	-	New Item	820

Sl No	Item No	Name of the Material	UoM	Material Code	CSR 2016-17 Ford Rates in Rs inclusive of Taxes	Proposed CSR 2018-19 Ford Rates in Rs inclusive of Taxes
		Outdoor type meter box to house ETV meters, made of CRCA steel mounted on angle iron frame work				
67		Meter box suitable for fixing 6 ETV meters	No.	358046	14371	14778
68		Meter box suitable for fixing 4 ETV meters	No.	358044	8784	9033
69		Meter box suitable for fixing 3 ETV meters	No.	358043	6149	6323
		Insulators				
70		Solid Core Insulator 33kV	No.	283125	3149	2294
71		33 kV Pin Insulator (Shell only)	No.	283006	520	379
72		33 kV Pin Insulator (Pin only)	No.	283056	208	249
73		33kV Composit Disc Insulator	No.	283433	704	344
74		33kV Polymer Pin Insulator			962	555
75		33kV 70 KN Polymer Insulator (Ball & socket type)			585	286
		HARDWARE CLAMPS FOR STATION MATERIALS				
		Bolted Type Tension Clamp				
76		Single Lynx ACSR conductor 70/90 kN 16mm	No.	285080	963	998
77		Single Coyote ACSR conductor 70/90 kN 16mm	No.	285079	905	937
78		Single Rabbit ACSR conductor 70/90 kN 16mm	No.	285078	681	705
		Bolted Type Suspension Clamp				
79		Single Lynx ACSR conductor 70/90 kN 16mm	No.	285050	860	891
80		Single Coyote ACSR conductor 70/90 kN 16mm	No.	258046	780	808
81		Single Rabbit ACSR conductor 70/90 kN 16mm	No.	285038	624	647
82		Ground Wire Clamp 7/3.15mm 2 bolt	No.	281410	882	913
		Post Insulator Clamp				
83		Single Lynx ACSR conductor 127/76mm	No.	285699	643	666
84		Single Coyote ACSR conductor 127/76mm	No.	285697	595	616
85		Single Rabbit ACSR conductor 76mm	No.	285696	445	565
86		DRAKE ACSR	Kms		New Item	251000
87		Strain clamps for Drake ACSR	No.		New Item	1714
88		Suspension Clamps for Drake ACSR	No.		New Item	1189
		Wedge Clamps for Drake ACSR				
89		Rabbit to Drake	No.		New Item	2734
90		Coyote to Drake	No.		New Item	2734
91		Lynx to Drake	No.		New Item	2691
92		Drake to Drake	No.		New Item	2691
93		PG clamps for DRAKE	No.		New Item	913
94		Post insulatators clamps suitable for Single Drake ACSR	No.		New Item	713
95		Post insulatators clamps suitable for Double Drake ACSR	No.		New Item	1081
96		Terminal connectors for Drake ACSR for connection to the Cable ends and isolator ends (Pad clamps)	No.		New Item	794
97		Vibration dampers for Drake	No.		New Item	1089
98		Repair Sleeves for Drake	No.		New Item	624
99		Mid span compression joints for coyote	No.		New Item	438
100		7/3.15mm GI ground conductor	Km.		New Item	64000
101		Number plates with pole clamps Bolt & nuts	No.		New Item	161
		"T" Clamp for ACSR Conductor				
102		Single Lynx to Single Lynx	No.	285610	366	379
103		Single Coyote to Single Coyote	No.	285605	436	360
		Terminal connector clamp for ACSR Conductor				
104		Single Lynx	No.	282620	586	607
105		Single Coyote	No.	282616	504	522
		STATION STRUCTURES				
106		Fabrication, galvanization and supply of Station Structures	MT	276110	125010	128511
107		Supply of galvanized Bolts & Nuts	MT		113742	123000
108		Double pole structure for 33kV	Set	279103	4931	6052
109		V-Shape X arm for 33 kV	No.	279016	736	903
110		HT ST Support for 33 kV	No.	279093	307	377
111		Clamp 9.5M RCC Pole for 33kV	No.	279526	81	99
112		11kV XLPE UG cable as per Technical specification 1x1000 sq.mm aluminum Conductor, armoured cable	Km		New Item	1280986
		Cable termination Kits (Pot heads suitable for following size cables as per Technical specification				
113		1x1000 sq.mm UG cable				
114		Indoor	No.		New Item	5323
115		Outdoor	No.		New Item	6010

Sl No	Item No	Name of the Material	UoM	Material Code	CSR 2016-17 Ford Rates in Rs inclusive of Taxes	Proposed CSR 2018-19 Ford Rates in Rs inclusive of Taxes
		33 kV 3 Core XLPE UG Insulated Aluminium Cable (FLAT STRIP ARMOUR)				
116		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	km	287451	2459110	1182718
117		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	km	287453	2888020	1445695
118		33 kV 3 Core XLPE UG Cable-240Sq.mm	km	287456	3184300	1824306
119		33 kV 3 Core XLPE UG Cable-300Sq.mm	km	287457	4217900	2047746
120		33 kV 3 Core XLPE UG Cable-400Sq.mm	km	287458	4871370	2371292
		33 kV 3 Core XLPE UG Insulated Aluminium Cable (ROUND WIRE ARMOUR)				
121		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	km		New Item	1500446
122		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	km		New Item	1834923
123		33 kV 3 Core XLPE UG Cable-240Sq.mm	km		New Item	2315324
124		33 kV 3 Core XLPE UG Cable-300Sq.mm	km		New Item	2599285
125		33 kV 3 Core XLPE UG Cable-400Sq.mm	km		New Item	3009111
		33kV Jointing and Cable termination kits for XLPE cable				
		Heat Shrinkable type transition jointing kit				
126		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288050	23100	23754
127		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288052	23100	23754
128		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288054	34060	35025
129		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288055	34060	35025
130		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288056	39500	40619
		Heat Shrinkable indoor type cable termination kit				
131		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288060	5840	6960
132		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288062	5840	6960
133		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288064	7990	9360
134		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288065	7990	9360
135		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288066	8740	10516
		Heat Shrinkable outdoor type cable termination kit				
136		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288070	7255	8160
137		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288072	7255	8160
138		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288074	9030	10200
139		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288075	9030	10200
140		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288076	10730	12600
		Heat Shrinkable Straight through jointing kits with Aluminum lugs& ferrules				
141		33 kV 3 Core XLPE UG Cable- 95 Sq.mm	No.	288080	18920	21600
142		33 kV 3 Core XLPE UG Cable- 150 Sq.mm	No.	288082	18920	21600
143		33 kV 3 Core XLPE UG Cable-240Sq.mm	No.	288084	25320	28800
144		33 kV 3 Core XLPE UG Cable-300Sq.mm	No.	288085	25320	28800
145		33 kV 3 Core XLPE UG Cable-400Sq.mm	No.	288086	30160	31800
		Miscellaneous Station Materials				
		Fire fighting equipment (Mech) 9.00 Ltr capacity				
146		Foam type extinguisher (Mech) 9.00 Ltr Capacity	No.		New Item	3456
147		Foam type extinguisher (Mech) 45 Ltr Capacity	No.		New Item	10436
148		Carbon dioxide type 6Lts capacity	No.		New Item	6651
		Sand type				
149		G.I Bucket 9 Ltr Capacity	No.		New Item	425
150		Steel Mounting stand for above buckets (Each stand for 3 buckets)	No.		New Item	1688
151		Water type (Gas pressure type) 9 ltrs capacity	No.		New Item	2043

**Deleted items of Schedule of Rate for Standard Stock Materials Common SR
2018-19 (33kV System)**

Sl No	Item No	Name of the Material	UoM	Material Code	CSR 2016-17 Ford Rates in Rs inclusive of Taxes	Proposed CSR 2018-19 Ford Rates in Rs inclusive of Taxes
	1	11kV Kiosk				
1	1.01	11 kV 350 MVA, 800A Outdoor Type, kiosk comprising of 1I+4F+1AP 3 PCVCB	Set	309214	2080800	Deleted
2	1.02	Procurment of PCVCBs to Batkal Station(1I/C+4F+1AP)	Set		2309181	Deleted
3	1.03	Procurement of PCVCBs to 33/11 KV station Kahanagaon Belagaum	Set		3760310	Deleted
	2	Instrument Transformers				
		Current Transformers				
		33kV class CT with 0.2 accuracy class				
4	2.01	33 KV Outdoor CT's 400-200/1-1	No.		35620	Deleted