ABSTRACT OF COMMON SR 2014-15 COST DATA SHEETS

			CSR 2014-15	
Cost Data Sheet No.	**PARTICULARS**	**Unit**	**Total cost of Estimate (In Rs.)**	**Labour Charges only casual (In Rs.)**
			Material + Labour (Both casual and Regular)	**Labour**
1	11 kV 3-Ph SC line with **40 mtrs** span on **9 mtr** supports using Rabbit conductor	Km	304439	40639
2	11 kV 3-Ph SC line with **50 mtrs** span on **9 mtr** supports using Rabbit conductor	Km	273522	34729
3	11 kV 3-Ph SC line with **50 mtrs** span on **8 mtr** supports using Rabbit conductor	Km	246544	31065
4	11 kV 3-Ph SC line with **40 mtrs** span on **9 mtr** supports using coyote conductor	Km	513125	47804
5	11 kV 3 Ph. SC Line and 3 phase - 4 wire LT line on **9 mtr** supports with an average span of **50 mtrs** using Rabbit Conductor for H.T. and WEASEL for L.T Lines	Km	466124	60975
6	11 kV 3 Ph. SC Line and 3 phase - 4 wire LT line on **9 mtr** supports with an average span of **40 mtrs** using Rabbit Conductor for H.T. and L.T Lines	Km	555933	63975
7	3 Ph. 4 wire LT line on **8 mtr** supports with **60 mtrs** span using Rabbit Conductor (IP Set installations)	Km	184786	25676
8	3 Ph. 4 wire LT line on **8 mtr** Supports with **40 mtrs** span using Rabbit Conductor	Km	277643	34507
9	3 Ph. 4 wire LT line on **9 mtr** Supports with **40 mtrs** span using Rabbit Conductor	Km	308845	39232
10	3 Ph. 5 wire LT line on **9 mtr** supports Using Rabbit conductor with a span of **40 mtrs** (For Cities, Towns and Residential layouts)	Km	367363	44406
11	3 Ph. 5 wire LT line with **8 mtr** Supports Using Rabbit conductor with a span of **50 mtrs**	Km	308138	34751
12	3 Ph. 5 wire LT line with **8 mtr** Supports Using Weasel with a span of **40 mtrs**	Km	192233	28392
13	L.T 3 Ph. 5 wire LT line with continuous earth wire on **9 mtr** supports using RABBIT for phase, neutral and street light control and 8 SWG G.I. wire for continuous ground wire with **40 mtrs** span in **vertical configuration**	Km	389288	48932
14	11 kV 3 ph. SC line on 9 mtr supports using **Rabbit** conductor with 40 mtrs span with vertical configuration in congested area	Km	330921	45509
15	Providing 2 pole structrue at the tapping point using RCC pole			
	a) **8 mtr** RCC	Per unit	47724	4725
	b) **9 mtr** RCC	Per unit	51114	4855
16	Providing 3 Pole Structure using 9 Mtrs RCC Poles	Per unit	43299	6783
17	Providing Metering to IP Set installations using SMC Box	Nos	6992	700
18	Laying of 1km length of 11kV 3 core 95 Sq.mm XLPE UG Cable using Horizontal drilling method a. **Flat** Armour b. **Round** Armour	Km	 1617740 1743990	 862809 862809
19	Laying of 1km length of 11kV 3 core 95 Sq.mm XLPE UG Cable using Conventional laying involving excavation of soil a. **Flat** Armour b. **Round** Armour	Km	 974165 1100415	 183547 183547
20	Laying of 1km length of 11kV 3 core 240 Sq.mm XLPE UG Cable using Horizontal drilling method a. **Flat** Armour b. **Round** Armour	Km	 2113255 2354315	 862897 862897
21	Laying of 1km length of 11kV 3 core 240 Sq.mm XLPE UG Cable using Conventional laying involving excavation of soil a. **Flat** Armour b. **Round** Armour	Km	 1471687 1712747	 185307 185307

22	Laying of 1km length of 11kV 3 core 400 Sq.mm XLPE UG Cable using Horizontal drilling method a. **Flat** Armour b. **Round** Armour	Km	 2711524 3094244	 862985 862985
23	Laying of 1km length of 11kV 3 core 400 Sq.mm XLPE UG Cable using Conventional laying involving excavation of soil a. **Flat** Armour b. **Round** Armour	Km	 2071961 2454681	 187066 187066
	a) Erection of 3-ph, 11 kV/433V Distribution Transformer center using **8 mtr DPTs** (For BEE 3 Star Rated Transformers)			
24	i) 25 kVA	Per unit	130632	9312
25	ii) 63 kVA	Per unit	179813	9523
26	iii) 100 kVA (with Distribution Box)	Per unit	235218	9993
	iv) 100kVA (with LT protection kit)	Per unit	221822	9952
	b) Erection of 3-ph, 11 kV/433V Distribution Transformer center using **9 mtr DPTs** (For BEE Star Rated Transformers)			
24 a	i) 25 kVA	Per unit	134455	9803
25 a	ii) 63 kVA	Per unit	183816	10014
26 a	iii) 100 kVA (with Distribution Box)	Per unit	238898	10365
	iv) 100kVA (with LT protection kit)	Per unit	225502	10324
27	Erection of 3-ph, 11 kV/433V 250 kVA Distribution Transformer center using **8 mtr** DPTs	Per unit	333299	10507
27 a	Erection of 3-ph, 11 kV/433V 250 kVA Distribution Transformer center using **9 mtr** DPTs	Per unit	336979	10879
28	Erection of **25 kVA** , BEE 3 Star Rated 11kV/433V, Single pole mounted transformer centre on **9 mtr** RCC pole Square section	Per unit	119240	7036
29	Erection of **63 kVA**, BEE 3 Star Rated11kV/433V, Single pole mounted transformer centre on **9 mtr** RCC pole Square section	Per unit	168422	7247
30	Erection of **100 kVA**, BEE 3 Star Rated 11kV/433V, Single pole mounted transformer centre on **9 mtr** RCC pole Square section			
	a) With LT Distribution Box	Per unit	223479	7427
	b) With LT Protection Kit	Per unit	210082	7386
31	Erection of **250 kVA**, 11kV/433V, Single pole mounted Distribution Transformer on **11 mtr** spun pole with 3 GOS system	Per unit	401262	11833
32	Providing Compact RMU 11kV class VCB/SF6 Type (1 Incomer+2 Breakers+1 Outgoing)			
	a. Schenider Make	Per unit	1075936	10222
	b. ABB Make	Per unit	1078975	10510
	c. Seimens Make	Per unit	1076285	10411
	d. MEI	Per unit	1075752	10847
33	Providing Compact RMU 11kV class VCB/SF6 Type (1 Incomer+1Breakers+1 Outgoing)			
	a. Schenider Make	Per unit	759135	7632
	b. ABB Make	Per unit	762141	7883
	c. Seimens Make	Per unit	760278	7812
	d. MEI	Per unit	759766	8143
34	Providing Compact RMU 11kV class VCB/SF6 Type (1 OD)			
	a. Schenider Make	Per unit	276582	2590
	b. ABB Make	Per unit	276581	2627
	c. Seimens Make	Per unit	275788	2599
	d. MEI	Per unit	275767	2703
35	Providing Compact RMU 11kV class VCB/SF6 Type (1VL)			
	a. Schenider Make	Per unit	321429	2590
	b. ABB Make	Per unit	321428	2627
	c. Seimens Make	Per unit	320635	2599
	d. MEI	Per unit	320614	2703
36	Running Single Circuit 11 kV 3 Phase Power line on 9 mtr RCC supports with average span of 30 mtrs using 3x95 Sqmm+1x70Sqmm Aerial Bunched Cables (ABC)	Km	1018175	72329

37	Running Single Circuit 1.1 kV 3 Phase 5 wire Power line on 9 mtr RCC supports with average span of 40 mtrs using 3x95 +1x16 +1x70 Sqmm Aerial Bunched Cables (ABC)	Km	642523	64559
38	Installing RLMU for the existing **15/25 KVA** Distribution Transformer Center	Per unit	53459	2466
39	Installing RLMU for the existing **63 KVA** Distribution Transformer Center	Per unit	57959	2466
40	Installing RLMU for the existing **100 KVA** Distribution Transformer Center	Per unit	65559	2466
41	Erection of Compact Pre-fabricated Packaged Sub-station 11kV / 433 V			
	a) With 100 kVA **oil cooled** transformer	Per unit	1132904	8467
	b) With 250 kVA oil cooled transformer	Per unit	1491923	
	c) With 500 kVA oil cooled transformer	Per unit	1579163	
	d) With 750 kVA oil cooled transformer	Per unit	1824000	
	e) With 990 kVA oil cooled transformer	Per unit	2280000	
	f) With 100 kVA **dry type** transformer	Per unit	1182768	
	g) With 250 kVA dry type transformer	Per unit	1611596	
	h) With 500 kVA dry type transformer	Per unit	1997538	
	i) With 750 kVA dry type transformer	Per unit	2507446	
	j) With 990 kVA dry type transformer	Per unit	2908949	
42	providing Electronic Trivector Meters with associated CT's Metering Box etc., on LT side of Distribution Transformer Center			
a)	i) 15/25 kVA (with meter)	Per unit	9390	1014
	ii)15/25 kVA (without meter)		6390	456
b)	i) 50/63 kVA (with meter)	Per unit	8907	1014
	ii) 50/63 kVA (without meter)		5907	456
c)	i) 100 kVA (with meter)	Per unit	8568	1014
	ii) 100 kVA (without meter)		5568	456
d)	i) 250 kVA (with meter)	Per unit	8745	1014
	ii)250 kVA (without meter)		5745	456
e)	i) 500 kVA (with meter)	Per unit	8895	1014
	ii) 500 kVA (without meter)		5895	456
43	providing LT Capacitors to the Distribution Transformers			
	a) 3 kVAr for 15/25KVA DTCs	Per unit	1063	338
	b) 9 kVAr for 63KVA DTCs	Per unit	1469	338
	c) 18 kVAr for 100KVA DTCs	Per unit	2331	398
	d) 27 kVAr for 250KVA DTCs	Per unit	3423	465
	e) 54 kVAr for 300/500KVA DTCs	Per unit	5569	486
44	For carrying out 1 to 2 poles works in respect of Ganga Kalyana and Drinking Water Supply Works only.	Per Work	Material cost as per site requirement	7813
45	For carrying out 3 to 5 poles works in respect of Ganga Kalyana and Drinking Water Supply Works only.	Per Work		12344
46	For carrying out 1 to 4 (One to four) poles works in respect of service main connection and E & I works only			
	a. Works involving ONE pole	Per Work		3750
	b. Works involving TWO poles	Per Work		5000
	c. Works involving THREE poles	Per Work		6250
	d. Works involving FOUR poles	Per Work		7500
47	Standard Requirement of Materials for providing LT Wiring for Distribution Transformer Centers of various capacities	Per Work	Quantities as Per site Requirement	