LABOUR RATES FOR COMMON SR 2016-17 for 11 kV SYSTEM

S1 No	Item No	Particulars	Unit	Common SR 2014- 15 in Rs	Common SR 2016- 17 in Rs
1	1	Digging of Pits		•	
2	1.1	Digging of Pits 1.8 mtr depth for errection of 9 to 10 mtr Long Steel/RCC/PSC supports as per approved Drawing.			
3	1.1.1	Ordinary Soil	Per pit	334	378
4	1.1.2	Hard Soil	Per pit	1145	1294
5	1.1.3	Hard latterite Soil	Per pit	1270	1435
7	1.1.4 1.2	Hard Rock (By Chizling and/Or Wedging) Digging of Pits 1.5 mtr depth for erection of 7.5/8 mtr Long Steel/RCC/PSC/PCC supports as per approved Drawing.	Per pit	2172	2454
8	1.2.1	Ordinary Soil	Per pit	269	304
9	1.2.2	Hard Soil	Per pit	926	1046
10	1.2.3	Hard latterite Soil	Per pit	1025	1158
11	1.2.4	Hard Rock	Per pit	1751	1979
12	1.3	Digging of Pits 2.0 mtr depth for errection of 9.5mtr Long RCC supports (350Kg Working load for 33KV) as per approved Drawing.			
13	1.3.1	Ordinary Soil	Per pit	366	413
14	1.3.2	Hard Soil	Per pit	1159	1310
15	1.3.3	Hard latterite Soil	Per pit	1379	1558
16 17	1.3.4 1.4	Hard Rock Digging of Pits 2.2 mtr depth for errection of 11mtr Long RCC/PSC supports as per approved Drawing.	Per pit	2378	2688
18	1.4.1	Ordinary Soil	Per pit	410	464
19	1.4.2	Hard Soil	Per pit	1554	1756
20	1.4.3	Hard latterite Soil	Per pit	1554	1756
21	1.4.4	Hard Rock	Per pit	2668	3015
22	1.5	Digging of Pit 2.5 mtr depth for errection of 11mtr long tubular spun pole as per approved Drawing.			
23	1.5.1	Ordinary Soil	Per pit	1007	1137
24	1.5.2	Hard Soil	Per pit	2013	2275
25	1.5.3	Hard latterite Soil	Per pit	2013	2275
26	1.5.4	Hard Rock	Per pit	6542	7393
	1.6	Digging of pit. For providing GI Pipe type Earthing			
27	1.6.1	Ordinary Soil	Per pit	404	457
28	1.6.2	Hard Soil	Per pit	1586	1792
29	1.6.3	Hard latterite Soil	Per pit	1757	1986
30	1.6.4	Hard Rock	Per pit	2627	2968
	1.7	Digging of Pit for GUY SET			
31	1.7.1	Ordinary Soil	Per pit	173	195
32	1.7.2	Hard Soil	Per pit	441	499
33	1.7.3	Hard latterite Soil	Per pit	487	550
34	1.7.4	Hard Rock	Per pit	1124	1270

		Note: For Hard Latterite Soil and Hard Rock Soil			
		works have to be classified and certified by			
35		Executive Engineer, where ever these types of soil is			
		encountered.			
		Concrete works			
		Providing coment concernts to poles and Cury sets			
36	1.8	Providing cement conccrete to poles and Guy sets with material and labour including necessary curing			
30		etc., complete (cost does not include excavation)			
		- '			
		A) Base concrteing with CC 1:4: 8			
37		a) Pole base for 11/9.5/9/8 mt supports	Each	194	229
<u> </u>		(500x650x150mm)	24011		
38	1.8.1	b) Pole based for 9mtrs square pole	Each	252	298
		(650x650x150mm)			
39		c) Pole base 11mtr spun pole (1000x1000x150mm)	Each	596	704
		B) Pole concreting with CC 1:2:4 (without coping)			
40		a) 9mtrs support (650x500x1700mm)	Each	2185	2566
41		b) 9.5 mtrs support (650x500x1850mm)	Each	2373	2792
42		c) 11 mtrs PSC support (650x500x2000mm)	Each	2312	2792
43	1.8.2	d) 9 mtrs Square pole (650x650x1700 mm)	Each	2731	3214
44		e) 11 mtrs Spun pole (1000x1000x2500mm)	Each	9668	11378
45		f) 8mtrs support (400x400x1500mm)	Each	835	982
-10		g) Guy concreting with Boulders, Mud & Sand As per	Buen	000	302
46		Drawing No. BESCOM/GM/CP/7/dt: 24.10.07.	Each	140	158
		(with out cement)	24011	1.0	
		C) providing coping for pole with CC 1:2:4 (As per			
		actuals)			
		a) 150mm around poles for a height of 300mm for			
47	1.8.3	RCC, PSC, PCC poles/I-beam/Rail steel sections	Each	403	444
48		b) 390mm all around the pole for an height of	Each	906	1040
		300mm for Spun poles			
		D) Guy concreting in Marshy area			
49	1.8.4	a) Providing cement concrete 1:2:4 for Anchor Rod in	Each	798	824
49		Marshy/Black Cotton Soil 600x600x450mm	Each	190	024
	2	Erection of Poles			
		Erection of steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail, 27.22 kg (60 Lbs) Rail I			
		Beam of sizes 200x100mm, 175x90 mm, 125x100			
50	2.1	mm. Fabricates poles tubular poles in pits of 1.8 mtr	No	269	304
		Depth, Aligning, Refilling with soil and ramming as			
		approved drawing			
		Same as above but erection of 7.5 to 8.0 mtr long			
51	2.2	steel supports (18.75 kgs., /41Lbs) Rail, 125x75	No	240	271
51	4.4	mm, I beam in pit of 1.5 mtr depth.	140	4+0	4/1
52	2.3	Same as above but erection of RCC/PCC/PSC poles	No	482	544
J.	4.0	of 7.5 to 8 mtr long in pit of 1.5 mtr depth.	110	102	
		Erection of RCC/PSCC poles 9 to 10 mtr long but in			
53	2.4	a pit of 1.8 mtr depth	No	603	682
F 4	0.5	Erection of RCC poles 9.5 mtr long 350Kg WL but in	ът	050	060
54	2.5	a pit of 2.0 mtr depth for 33KV lines	No	850	960
		Erection of 11 mtr PSC pole with working load of	No	963	1088
55	2.6				

56	2.7	Erection of 11mtr long Concrete spun pole in a pit of 2.5 mtr depth.(Manual Labour)	No	1077	1216
57	2.8	Erection of 11mtr long Concrete spun pole in a pit of 2.5 mtr depth.(Mechnised Labour)	No	New Item	1500
		Releasing and Replacing Insulators			
58	2.9	11KV Pin Insulators	No	25	28
59	2.10	11KV Dead End Insulators Disc, Strain etc	No	30	34
60	2.11	Erection of 2 pole structure formed out of SM rails or I -Beam of sizes 200x100 175x90 mm, 225x100mm of 9 to 10 mtr long in pits of 1.8 mtr depth for line deviation with necessary foundation, inclusive of fixing of cross Arms, Braces, Strain Insulators.	Per structure	1686	1906
61	2.12	Same as above using RCC poles 9 mtr to 10 mtr long	Per structure	2209	2496
62	2.13	Same as above using RCC poles 7.5/8 mtr long in pits of 1.5 mtr depth.	Per structure	2209	2496
63	2.14	providing spiral earth electrode type earthing along with pole (without charcoal, salt etc.,)	No	49	55
64	2.15	Errection of H Frame. Erection of Double pole transformers structure	No	169	191
65	2.16	including fixing of structural materials, erection of poles etc., complete for mounting of transformers as per approved drawing using I-Beems or MS Rail 8 mtrs. long. Same as item above with RCC pole 9/8 mtr. long.	Per structure	2216	2504
	2,11	Upto 63 kVA			
66	2.18	with 9 mtrs. RCC pole	Per structure	2973	3359
67	2.19	with 8 mtrs. RCC pole		2612	2952
		100 to 250 kVA			
68	2.20	with 9 mtrs. RCC pole	Per structure	3081	3482
69	2.21	with 8 mtrs. RCC pole		2839	3208
		Above 250 kVA			
70	2.22	with 9 mtrs. RCC pole	Per structure	3405	3848
71	2.23	with 8 mtrs. RCC pole		3050	3447
	3	Erection of single pole mounted Transformer structures			
72	3.1	for 250 kVA Transformer on the existing 11 mtrs. Spun pole (excluding erection of pole)	Per structure	1799	2033
73	3.2	for 100 kVA on the existing 9 mtrs. RCC pole (Squre Section) (excluding erection of pole)	Per structure	899	1016
74	3.3	for 25/63 kVA on the existing 9 mtrs. RCC pole (Square Section) (excluding erection of pole)	Per structure	899	1016
	3.4	For 25kVA transformer existing 9mtr PSCC Pole of	Per structure	New Item	1575

76	3.5	3 Pole structure: Erection of 3 pole structure formed with 3 Nos 9 mtr RCC Pole with platform for mounting 100 to 500 kVA transformers as per approved Drawing including fixing structure materials, erection of poles etc., complete. (excluding excavation charges)	Per structure	4546	5137
77	3.6	4 Pole Structure: Erection of 4 pole structure formed with SM Rail or I Beam of size 200x100 mm 175x90 mm, 225x100 mm size, 9 to 10 mtr long in pits for line deviation with necessary foundation, including fixing of cross arm, braces, strain/disc insulators.	Per structure	3753	4241
78	3.7	Erection of 4 Pole structure as in item above with platform for mounting of Transformer. (excluding excavation charges)	Per structure	4299	
79	4	Construction of platform with size stone, cement concert for erection of 500 kVA Transformer/Metering cubicle/Heavy Equipment. Construction of platform (1.5x1.5x1.2) mtr in size stone, for erection of transformers/Heavy equipment including all materials, labour. Excavation of (1.5x1.5x1) mt pit for foundation providing and laying cement concrete 1:4:8 for foundation laid in 10 cm thick layers, well compacted curing etc., complete providing and construction of stone masonary 0.9m below ground level and 1.2m above ground level neatly hammer dressed in cement morter 1:6.Providing and Laying cement concrete slab 1.5x1.5x0.10Mtr with cement concrete of 1:2:4 mix forming & cutting complete, providing pointing to stone masonary in cement morter 1:3 after racking joint & nisely lining curing etc., plastering the concrete surfaces in cement morter 1:4 including smooth randering curing etc., curing at every stages completely.	Per structure	17972	25192
80	4.1	Fixing of 2 Pin cross arm with insulator and Braces fixing	Each	85	96
81	4.2	Fixing of 4 Pin cross arm with insulator and Braces fixing	Each	85	96
82	4.3	Fixing of V-Shape/Horizontal cross arm including single top support Braces and Insulators fixing	Each	88	99
83	4.4	Fixing of V-Shape/Horizontal cross arm for DC Line including Braces and Insulators fixing. (Without Single Top Support)	Each	72	81
84	4.5	Fixing of 4 Pin double cross arm including braces and insulators.	Set	148	168
85	4.6	Fixing of HT/LT single top support .	Each	56	64
86	4.7	Fixing of Earth Guard Stirrup	Set of 2 nos	88	99
	5	Fixing of Anticlimbing Device			
87	5.1	Spike Type	per Set	20	23
88	5.2	GI Barbed Wire (12 mtrs/1kg)	No	23	25

89	5.3	a) Fixing of GUY Sets with break insulators making use of 7/3.15 mm (7/10 SWG) galvanised steel wire with turn buckle and anchoring arrangement as per approved drawing. (Excluding excavation of PIT)	per Set	141	159
90		b) Same as above but using 2 strain insulators (No.15)	per Set	158	179
91	5.4	Fixing guarding including fixing of necessary cross arms for existing HT and LT line at Road Crossing, Telephone Line Crossings up to span of 60 mtrs.	per Set	533	603
92	5.5	Fixing guarding including fixing of necessary cross arms between HT and LT line up to a span of 40 mtrs	per Set	533	603
93	5.6	Above 40 Mtrs. Span	per Set	938	1059
94	5.7	Fixing of Danger Board	Unit	43	48
95	5.8	Stringing of conductor wren, squirrel, weasel, binding of conductor on each insulator and dead ending on strain or disc/strain insulator by means of clamps.	per km/wire	1693	1913
96	5.9	do - for Rabbit ACSR	per km/wire	2308	2608
97	5.10	do - for Coyote ACSR	per km/wire	4031	4555
	6	Rates for LT Reconductoring Works			
98	6.1	Stringing of conductor (including pin binding, providing jumps, dead ending, etc.,)			
99	6.2	Weasel	per km/wire	New Item	2296
100	6.3	Rabbit	per km/wire		3130
101	6.4	Coyote	per km/wire		5466
102	6.5	Releasing of conductor			
103	6.6	Weasel	per km/wire	New Item	1722
104	6.7	Rabbit	per km/wire	New Item	2347
105	6.8	Coyote	per km/wire		4100
106	6.9	Releasing & Refixing of over head service mains (single phase/3 phase) (While executing reconductoring works only) Per connection/installation	per connection main	35	35
107	6.10	Releasing & Refixing of over head service mains (single phase/3 phase) (While replacing existing pole)	per connection main	53	53
		NOTE:			
108		1. Labour charges for releasing conductor is 90% of the corresponding stringing rates for New Lines			
109		2. Special Locality Allowance as applicable shall be loaded to the labour charges			

110		3. For new conductor required for LT Reconductoring 3% sag is allowed			
111		4. Quantity of returnable release conductor shall be as per circular No: BESCOM/GM(T)/BC-20/F-664/05-06/Cys-174 dtd:10.01.2006			
112		5. HT Recondutoring works: Reconductring for the rates for new conductor and releasing rates for old.	he HT is to be fo	llowed on the	stringing
	7	Erection of Transformer	<u> </u>		
113	7.1	a) Erection of 25 to 63 kVA Transformer on Transformer structure.	Each	603	682
114	7.2	-do- 100 kVA Transformer	Each	805	910
115	7.3	-do- 200-250 kVA Transformer	Each	1208	1365
116	7.4	-do- 300-500 kVA Transformer	Each	1610	1819
117	7.5	Providing GI Pipe Earthing for lightning arresters Transformer Neutral and Transformer Metal parts (Excluding digging of pits)	per Set of 1 no. of electrode	103	116
118	7.6	Hiring of crane for erection of 250/500 kVA Transformer (applicable for maintenance works only and in case of non -availability of departmental crane)	Per TFR	4025	2500
119	7.7	Hiring of crane for releasing existing Transformer and erection of NEW 250 to 500kVA Transformers. (applicable for maintenance works only and in case of non -availability of departmental crane)	No	4200	2500
120	7.8	Hiring of crane for releasing existing Transformer and erection of NEW 250 to 500kVA Transformers. In case of failure and agumentation, (applicable for maintenance works only and in case of non - availability of departmental crane)	No	4200	2500
121		NOTE:- When the awards are issued for erection of Ne Transformers under labour awards, Hire charges are a cranes hired. By the agencies.			
	8	HT Metering	1		
122	8.1	Erection of HT metering Cubicle on Platform.	No	1208	1364
		Erection of LT Feeder piller box including necessary civil works like soil excavation & concreting etc. complete			
123	8.2	upto 8 ways	No	875	989
124	8.3	above 8 ways	No	946	1069
	9	Distribution Box for DTCs	·		
125	9.1	Fixing LT Distribution box for 100/250/500 KVA DTCs (Excluding wiring)	Per box	403	455
	10	Additional cost for making termination using	H/Wedge Clar	nps	
126	10.1	Rabbit to Rabbit	No	64	72
127	10.2	Coyote to Coyote	No	85	96
128	10.3	Rabbit to Coyote	No	85	96
	10.4	Additional cost for making termination using H-Clamps along with 2 hole Paddle/In-Line	Set	175	198

	11	Fixing Metering Box for housing the ETV Meter with CT's, Meter & wiring for DTC's	r 3-ph 4 wire	along	
130	11.1	25/63 kVA TC	per Set	1014	1145
131	11.2	100 kVA TC	per Set	1014	1145
132	11.3	250 kVA TC	per Set	1014	1145
133	11.4	300/500 kVA TC	per Set	1014	1145
		Fixing 3-phase LT Capacitor housed in a enclo	sure with nec	essary	
	12	Fuses, wiring, mounting arrangement for		-	
134	12.1	15/25 kVA DTC, 3 kVAr	per Set	338	382
135	12.2	63 kVA DTC, 9 kVAr	per Set	338	382
136	12.3	100 kVA DTC, 18 kVAr	per Set	398	450
137	12.4	250 kVA DTC, 27 kVAr	per Set	465	525
138	12.5	500 kVA DTC, 54 kVAr	per Set	486	549
	13	Erection & Commmissioning of 11kV Auto rec	losures and		
	13	Sectionalizers with remote communication ca	<u>pability</u>		
139	13.1	Erection of fabricated steel structure for Seating Auto reclosures and Sectionalizers	per Set	350	396
140	13.2	Erection of 11kV Auto reclosures with control box GSM modem, connecting cable, control transformer, wiring testing and commissioning including parameterisation	per Set	2450	2769
141	13.3	Erection of 11kV sectionalizers with control box GSM modem, connecting cable, PTs wiring testing and commissioning including parameterisation	per Set	2100	2373
	14	Installing RLM Unit for the existing Distribution	on TC includi	ng wiring	
142	14.1	for 25 kVA	per Set	3083	3483
143	14.2	for 63 kVA	per Set	3083	3483
144	14.3	for 100 kVA	per Set	3083	3483
145	14.4	Fixing DOLO cutouts/Horn Gap Fuses including fixing of cross arms and wiring	Each	125	141
146	14.5	Fixing of GOS including wiring (11kV SB 200A)	Set	563	636
147	14.6	Fixing of GOS including wiring (11kV DB 400A)		625	706
148	14.7	Fixing of 11KV GOS SB or DB including wiring on old existing structure (were only fixing of GOS work is involved)		1250	1413
149	14.8	Modification of GOS Operating System for making Foot path free for pedestrian(Work involves cutting of existing vertical GOS Pipe and fixing the cuppling plate by welding, grinding etc., for operating the GOS	Per GOS	1979	1979
150	14.9	Fixing of 3 Nos lightning arrestors including wiring.	Set/3 No's	63	71
151	14.10	Fixing Pole Fuse Board	No	76	86
		Fixing PVC pipe for taking the leads form the conductor to the pole fuse board (including taking the lead wire inside the PVC pipe & giving	Set	116	131
152	14.11	connection to the overhead line & pole fuse box/Aerial fuse Board).			

154	14.13	Releasing & Refixing of over head service mains (single phase/three phase) for consumer installation and street lighting and similar work (While executing reconductoring work)	Per connection/ installation	35	40
155	14.14	Releasing & Refixing of over head service mains (single phase/three phase) for consumer installation and street lighting and similar work (While replacing existing pole)	Per connection/ installation	53	59
	15	Supplying and fixing conduit			
156	15.1	Supplying heavy guage PVC pipe 25mm dia 2mm thick confirming to IS 2509 with suitable size bends, junction box, adhesive paste etc and fixing using inverted wood plug in case RCC ceiling & RCC Wall stone structure are rawal plugs in case of brick walls and cement plastering damaged portion using heavy gaauge saddles at an intervel of 700mm using NF Screws (2/1)	Mtr	68	70
157	15.2	Wiring for lighting/power circuit using one of FRLS PVC insulted 1100 volts grade multi strand copper with low conductor resistance 2.5Sq mm single core wire in open are concealed system of wiring with specified IS-694-1990 and conform into GTP of group A	Mtr	12	29.20
158	15.3	Wiring for lighting/power circuit using one of FRLS PVC insulted 1100 volts grade multi strand copper with low conductor resistance 4Sq mm single core wire in open are concealed system of wiring with specified IS-694-1990 and conform into GTP of group A	Mtr	39	42.10
159	15.4	Supplying and fixing of porcelain fuse channel with cut out 16 Amps on existing wooden/panel using necessary nuts, bolts, and washers etc complee (32/3)	No	69	120
160	15.5	Fixing and Wiring of Single/Three Meter phase meter on the existing meter board	Per connection	90	90
161	15.6	Releasing of Single/Three Phase Meter	Per connection	60	60
	16	Street Light and Other Works	Commedian		
162	16.1	Fixing and Wiring Incandescent street Light Fitting	Set	334	176
163	16.2	Fixing and Wiring of FTL with suitable clamps bracket bolts and nuts using departmental material and departmental ladder vehicle under supervision of departmental Staff.	Set	334	176
164	16.3	Fixing and Wiring as SV/M.V light Fittins with suitable clamps Brackets, lamps, Bolts and nuts using departmental Materials and departmental Lader vehicle under supervision of departmental Staff.	Set	535	176
165	16.4	Fixing of Mercury Vapour Lamp fitting/Ornamental Light Fitting with Control Boxes etc.,	Set	393	393
	16.5	Fixing of LT Protection Kit	Per Kit	181	205

180		Trimming of trees and branches and clearing as per IE Rules.			
	18	Jungle Clearing: 3 mtrs corridor (1.5 mtrs on	either side of	f line)	_
179	17.5	Any Dismantling work	No	90% of the correspondin g erection charges.	90% of the correspondi ng erection charges.
178	17.4	Dismantling of copper conductor above 2 B&S.	Km	1070	1209
177	17.3	Dismantling of 2 B&S to I/O copper or equivalent	Km	664	750
		Note: Above works (3.53) has to be recorded in register maintained at SO/SD/Division office. Record has to be verified by the Executive Engineer (Ele) before issuing approval for work orders /awards.			
176	17.2	Straightening of slant/bent poles	No	75% of the correspondin g erection charges.	75% of the corresponding erection charges.
175	17.1	Tightening of loose spans a) Weasel/Squirrel b) Rabbit c) Coyote	Km	90% of the correspondin g stringing charges.	90% of the corresponding stringing charges.
174	16.13	Releasing of baliga pole Releasing & Restringing of loose spans, binding	No No	Pole erection charges.	Pole erection charges.
				85% of the 8 Mtrs. RCC	85% of the 8 Mtrs. RCC
173	16.12	Dismanting of Steel/I- Beam	No	90% of the pole erection charges.	90% of the pole erection charges.
172	16.11	Magpying (Excluding Cost of paint etc.,)	Km	150	170
171	16.10	Numbering and Scheduling of poles	Km	379	428
170	16.9	Surveying for construction of HT and LT Lines duly furnishing single line diagram indicating pole locations	Km	500	565
169	16.8	Fixing One Circuit of LT Wiring for 250/500 KVA Transformers via metering box. (includes fixing of necessary supports like 2 Pin X-arms, Spacers etc)	Per Circuit	644	728
168	16.7	(b) Wiring of Two circuits of LT Wiring for for 25/63/100 KVA DTC to the existing LT protection Kit/Distribution Box via metering box.(includes fixing of necessary supports like 2 Pin X-arms, Spacers etc)	Set	805	910
167	16.6	(a) Wiring of One circuit of LT Wiring for for 25/63/100 KVA DTC to the existing LT protection Kit/Distribution Box via metering box. (includes fixing of necessary supports like 2 Pin X-arms, Spacers etc)	Set	503	568

1		T. M. 1 1 /1. 11	1		T
181	18.1	In Malnad/hilly areas if	Vm	2715	3068
101	18.1	Jungle/trees/Plants/Shrubs exists only (once in two	Km	2/15	3008
182	18.2	years) In Maidan (In accordance with necessity)	Km	958	1082
104	10.2	As above for construction of new line including	KIII	936	1002
	19	Trimming of Trees, if Jungle/Tree/Plant/Shrubs			
		Exists.			
183	19.1	Malnad/Hill Area	Km	4855	5486
184	19.2	Maidan Area	Km	2901	3278
		Cutting Cleaning of Verstetian Cross/showbs			
	20.0	Cutting, Clearing of Vegetation Grass/shrubs such other small plants, including removal of			
		Roots etc., in station yard/store yard.			
185	20.1	Maidan Area (Twice in year)	Sqmt	4	5
		- '	_		_
186	20.2 21	Malnad Area (Once in Three Months) Transportation Rates:	Sqmt	4	5
	41				
		Transporation by Head Load where ever			
		there is no accessability for transporation by			
		vechicle			
187	21.1	Poles: for Transporting one pole (Not payable for	No	123	
		distance less than 25 Mtrs)			1
100	01.0	Conductor: For Transporting 1 km Length		F.2	
188	21.2	Conductor (Not payable for distance less than 25 Mtrs)	per km	53	
		Transformer: For Transportation 25 kVA			See New
189	21.3	Transformer: For Transportation 25 kVA Transformer (Not payable for distance less than 25	No	263	item
109	21.5	Mtrs)	110	203	furnished
		Transformer: For Transportation 63 kVA			below`
190	21.4	transformer (Not payable for distance less than 25	No	438	
		Mtrs)			
		Transformer: For Transportation 100 kVA			
191	21.5	Transformer (Not payable for distance less than 25	No	438	
		Mtrs)			
	22	Poles			
192	22.1	Upto 25Mtrs included in the Rates		NIL	1
193	22.2	25 to 105Mtrs	per pole		170
194	22.3	105 to 185 Mtrs	per pole	New Item	185
195	22.4	Above 185 Mtrs	per pole		210
	25	ACSR Conductor			
196	25.1	Upto 25Mtrs included in the Rates			NIL
197	25.2	25 to 105Mtrs	per KM of	New Item	74
198	25.3	105 to 185 Mtrs	conductor	MEW HEIH	81
199	25.4	Above 185 Mtrs			90
	26	Distribution Transformer 25KVA			
200	26.1	Upto 25Mtrs included in the Rates			NIL
201	26.2	25 to 105Mtrs	per	New Item	335
202	26.3	105 to 185 Mtrs	Transformer		415
203	26.4	Above 185 Mtrs			450
		Distribution Transformer 63 KVA & 100KVA			
204	26.5	Upto 25Mtrs included in the Rates			NIL
205	26.6	25 to 105Mtrs	per	New Item	550
206	26.7	105 to 185 Mtrs	Transformer		650
207	26.8	Above 185 Mtrs			750

	27	Hire Charges (These charges have to be specifically approved by the Corporate Office in respect of repair to transformers when applicable)			
208	27.1	Transportation using 7.5/10 Tons Lorry	Km	Rs. 23 per Kms subjected to a minimum of Rs. 1200/- per day	Rs. 23 per Kms subjected to a minimum of Rs. 1200/- per day
209	27.2	Transportation using mini Lorry/Tempo	Km	Rs. 17 per Kms subjected to a minimum of Rs. 1000/- per day	Rs. 17 per Kms subjected to a minimum of Rs. 1000/- per day
210	27.3	Loading of any type of material not covered specifically (cost includes crane charges if any).	MT	1043	1178
211	27.4	UnLoading of any type of material not covered specifically (cost includes crane charges if any).	MT	1043	1178
212	27.5	Loading of Power Transformer and other similar materials like switchgear cable drums, Drake /Lynx, conductors etc., (cost includes crane charges if any).	MT	1158	1308
213	27.6	Unloading of Power Transformer and other similar materials like switchgear cable drums, Drake/Lynx conductors etc., (cost includes crane charges if any).	MT	1158	1308
	28	a) Loading and unloading or poles (loading or poles to vehicles at stores and unloading at workspot) NOTE:- Consolidated amount for both loading and unloading			
214	28.1	8 mtr RCC/PSC poles	No	56	63
215	28.2	9 mtr RCC/PSC poles	No	75	84
216	28.3	8 mtr PCC pole	No	47	53
	29	a) Loading of Transformer(when maintaince munloading are not available in store)	en for loadin	g and	
217	29.1	25 kVA	No	144	162
218	29.2	63 kVA	No	144	162
219	29.3	100 kVA	No	216	244
220	29.4	250/300 kVA	No	360	407
221	29.5	500 kVA	No	719	812
222	29.6	b) Un loading of Transformer	No	144	162
222	29.6	63 kVA	No No	144	162
224	29.8	100 kVA	No	216	244
225	29.9	250/300 kVA	No	360	407
226	29.10	500 kVA	No	719	812

	30	Fixing of energy meter to non-metered IP sets Including cost of all the materials like Meter E and necessary wires required for the work.			
227	31.1	Fixing Single phase Energy meter to IP Sets fixed inside Pump House	Per IP Set	693	783
228	31.2	Fixing 3 ph Energy meter to IP Sets fixed in Pump House	Per IP Set	958	1082
229	31.3	Fixing of Energy meters to IP sets, (where there is no pumphouse) where power supply is availed directly from the pole to the IP set and weather proof meter housing box is required (including cost of WP box).	Per IP Set	3201	3617
	32	UG Cable Works			
230	32.1	Earth work excavation for cable trench of 0.5 to 0.75 mtr. Width and Depth upto 1 mtr. including trial pits, depositing on bank upto a lead of 50 mtrs, Supplying and Displaying necessary Danger Boards and Lighting, Using sight Rails and Sign Boards at every 100mtrs wherever necessary as directed.			
231	32.2	In Ordinary Soil	Cmt	181	205
232	32.3	In Hard Soil	Cmt	271	307
233	32.4	In Ordinary Rock without Blasting	Cmt	241	273
234	32.5	In Ordinary Rock with Blasting	Cmt	396	448
235	32.6	Hard Rock/Latterite Rock latterite Soil	Cmt	976	1103
	Note:	*Soil classification has to be certified by the concerned Executive Engineer Elc. 20% over & above may be given if depth is more than 1 m			
236	32.7	Refilling the cable trenches with selected available earth from trench excavation including watering, consolidation in layers of 15 cm. Thickness including depositing of the surplus earth with a lead of 200 Mtrs.	Cmt	40	45
237	32.8	Cutting of Road surface for cable trenches and disposing of the excavated earth, as directed including Barricading, Danger Lighting then Refilling the Cable Trenches.			
238	32.9	Macadam Road	Cmt	228	257
239	32.10	Tar Road	Cmt	375	424
240	32.11	Cement Concrete Road	Cmt	754	852
241	32.12	Removing the Existing Stone Slabs pavement and stocking the materials for excavating the trench with a lead of 50 mtr Refixing the stone slab after refilling the trenches as in item 2	Sqmt	101	114
242	32.13	Laying and Jointing the pipes (100-150 mm), dia including lowering in Position: Fixing Collars etc., Joining with mud mortor complete			
243	32.14	RCC Pipe	Mtr	35	40

245	32.16	Laying the GI Pipe 80mm to 150 mm dia at Drainage Water Supply Crossing including fixing collars elbows, bends, Tees and other fitting with Cuts and Threads wherever necessary complete.	Mtr	40	45
246	32.17	Removing and Refixing stone Masonary with necessary patch up and cementing drain works for Cluvert, Water Valve Crossing etc., including cost of materials.	Cmt	525	593
247	32.18	Covering cable with Tiles	Km	2304	2603
248	32.19	Spreading and forming with sand all round the cable to a depth of 75 mm and width of 500 mm. (Does not include cost of sand).	Km	8094	9146
249	32.20	Removing the kerb Stones and Refixing at the original place with necessary earthwork	Rmtr	8	8
250	32.21	Fixing of Route Joint indicating Slabs	No	60	68
	33	Transporting HT cable from Store to work spot including loading and unloading (including Crane and other equipment charges if any)			
251	33.1	3x95 to 150 Sqmm	per Km of cable	10120	11436
252	33.2	3x185 to 3x240 Sqmm	per Km of cable	12145	13724
253	33.3	1x300 to 1x1000 Sqmm (Single Core)	per Km of cable	12145	13724
254	33.4	3x300 to 3x500 Sqmm	per Km of cable	14168	16009
		-do- for LT Cables			
255	33.5	2.5 to 25 Sqmm (Single Core, 4 Core, 3.5 Core)	per Km of cable	625	706
256	33.6	35 to 95 Sqmm (4 Core/3.5 Core)	per Km of cable	1250	1413
257	33.7	120 to 240 Sqmm (4 Core/3.5 Core)	per Km of cable	1375	1554
	34	Laying of cable in Existing trench/GI pipe/Sto pipe using Wooden/Aluminum Rollers as direc HT Cable		C Hume	
258	34.1	3x95 to 150 Sqmm	Km	31679	35797
259	34.2	3x185 to 240 Sqmm	Km	33439	37786
260	34.3	1x1000 Sqmm	Km	33439	37786
261	34.4	3x300 to 3x500 Sqmm	Km	35198	39774
	35	LT Cable			
262	35.1	2.5 to 25 Sqmm	Km	11304	12774
263	35.2	35 to 95 Sqmm	Km	16543	18694
264	35.3 36	120 to 240 Sqmm Cable Joint and wiring(for HT Cable only)	Km	16893	19089
	36.1	Epoxy straight through joint			
265	36.2	3x95 to 3x150 Sqmm	No	875	989
266	36.3	3x185 to 3x240 Sqmm	No	875	989
267	36.4	3x300 to 3x400 Sqmm	No	875	989
	37	Heat shrinkable straight through joint			
268	37.1	3x95 to 3x150 Sqmm	No	1500	1695
200					
269	37.2	3x185 to 3x240 Sqmm 3x300 to 3x400 Sqmm	No	1500	1695

	38	Making and Fixing pot head for HT Cable only			
		Epoxy type			
271	38.1	3x95 to 3x150 Sqmm	No	875	989
272	38.2	3x185 to 3x240 Sqmm	No	875	989
273	38.3	3x300 to 3x400 Sqmm	No	875	989
	39	Heat shrinkable type			
274	39.1	3x95 to 3x150 Sqmm	No	1375	1554
275	39.2	3x185 to 3x240 Sqmm	No	1375	1554
276	39.3	3x300 to 3x400 Sqmm	No	1375	1554
277	39.4	Releasing of HT cable after excavation refilling, consolidation Rewinding to the drum etc.,	Km	31678	35796
278	39.5	-do- for LT cable	Km	10884	12299
	40	Earth Excavation for R.M.U. Foundation Depos	iting of eart	h on Bank	
	40	up to a lead of 50 mtr and with a lift up to 1.5	mtr		
279	40.1	Ordinary Soil	Cmt	141	178
280	40.2	In hard soil	Cmt	211	267
281	40.3	In ordinary/soft Rock without Blasting	Cmt	270	831
282	40.4	In ordinary/soft Rock with Blasting	Cmt	289	475
283	40.5	Hard Rock/Lattirite Rock/Lattirite Soft (Chistling & Wedging)	Cmt	941	1192
		Note: Soil classifications has to be decided by respective Executive Engineer			
284	40.6	KSRB 2-4 Refilling the RMU foundation with the approved new earth with initial lead of 50 mtr including watering and tamping layers of 15 cm thick etc., complete.	Cmt	56	72
285	40.7	Lifting of Excess Earth up to distance of 10 km	Cmt	206	233
286	40.8	KSRB 4-1.3: Providing and Laying in position plain cement cocrente of mix M7.5 (1:4:8) with OPC Cement @ 180 Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. SPECIFICATION No. KBS 4.1, 4.2	Cmt	3973	4695
287	40.9	KSRB 4-1.6: Providing and Laying in position plain cement cocrente of mix M15 (1:2:4) with Cement @ 240 Kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.459 cum machine mixed concrete laid in layers not exceeding 15 cms. thick well compacted, in foundation and plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. SPECIFICATION No. KBS 4.1, 4.2	Cmt	4425	5084

		T			1
288	41	KSRB 4.9.1: Providing mild steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and /or welding wherever required, and Laying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid)cost of materials labour, HOM of machinery complete as per specifications. SPECIFICATION No. KBS 4.6.3	Quintal	6830	6008
289	41.1	KSRB 5.2-3: Providing and constructing granite/trap/basalt size stone masonry in foundtaio with cement mortar 1:6 edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour curing complete as per specifications. KBS 5.1.13	Cmt	3776	3829
290	41.2	KSRB 5.2-3: Providing and constructing granite/trap/basalt size stone masonry in foundation cement mortar 1:8 stones hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour curing complete as per specifications. KSB 5.1.13	Cmt	3287	3689
291	41.3	KSRB 5-8.5: Providing quoin dressing to stone masonry and stone slabs, two line 5 Cms wide on each face as per specifications. (measurement including mortar joints) KSB 5.1.13	Mtr	68	86
292	41.4	KSRB 15-3.11Plastering concrete surface in cement mortar 1:4, 20 mm thick inclusive of smooth rendering curing etc., complete.	Sqmt	188	222
293	41.5	KSRB 6-2.2 Providing and constructing Burnt Brick Masonary with approved quality of Non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:8 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2	Cmt	5189	6141
		1. Transporting RMU (Coventional) unit from store to work spot including loading, unloading. (No separate crane charges)			
295	41.6	5 panels	No	11338	12811
296	41.7	1 panel	No	2268	2562
		1. Transporting RMU (Compact) unit from store to work spot including loading, unloading. (No separate crane charges)			
297	41.8	5 panels	per set	6000	6780
298	41.9	3 panel	per set	4000	4520

		2. Fixing foundation frame of channels and angle iron welding fixing in concrete aligning the RMU on foundation bed, assembly of units, connecting Bus Bars from panel to panel initial filling of oil etc., complete.			
299	41.10	5 panels	No	12553	14184
300	41.11	1 panel	No	2510	2836
301	42	Lettering the RMU with enamel paint and also writing single line diagram of each panel, caution Board, Danger Board etc., including cost of Paint, Brush etc.,	per panel	528	596
302	43	Cleaning of Bitumen type pothead bus joint (All sizes)	No	835	944
303	44	Breaking and cleaning of straight through joint (All sizes)	No	835	944
	45	Sealing of cable ends including supply of plumbing lead, plumbing materials.			
304	45.1	PILC	No	808	912
305	45	XLPE	No	150	170
	46	LABOUR for Aerial Bunched Conductor & Accessories			
		Item Description			
306	46.1	Stringing of 11kV grade aerial bunched 3 core cable of XLPE insulation of size 3x95 Sqmm+1x70 Sqmm with bare/insulated messenger wire	Km	18076	20426
307	46.2	Stringing of 11kV grade aerial bunched 3 core cable of XLPE insulation of size 3x120 Sqmm+1x95 Sqmm with bare/insulated messenger wire	Km	18076	20426
308	46.3	Stringing of 1.1kV grade aerial bunched 3 core cable of XLPE insulation of size (3x95) (for Phase conductor) + (1x70) (insulated messenger neutral) + (1x16) street light control.	Km	13441	20426
309	46.4	Stringing of 1.1kV grade aerial bunched 3 core cable of XLPE insulation of size (3x95) (for Phase conductor) + (1x70) (insulated messenger neutral) + (1x25) for street light control.	Km	13441	20426
310	46.5	Stringing of 1.1kV grade aerial bunched 3 core cable of XLPE insulation of size (3x95) (for Phase conductor) + (1x70) (insulated messenger neutral) + (1x35) for street light control.	Km	13441	20426
311	46.6	Erection of Suspension Clamp - 25 to 95 sqmm bare messenger	No	102	115
312	46.7	Erection of Anchor Clamp - 25 to 95 Sq. mm bare messenger	No	102	115
313	46.8	Erection of Suspension Clamp - 25 to 95 sqmm insulated messenger with bracket	No	136	154
314	46.9	Erection of Anchor Clamp - 25 to 95 Sq. mm insulated messenger with bracket	No	136	154
315	46.10	Fixing of Universal Hook	No	102	115
316	46.11	Pole Clamp-145mm x 95	No	170	192

343	47.1	i) Normal soil 5" bore size	Rmtr	625	706	
342	47 Laying of UG Cables by trenchless technology by adopting horizontal boring & Drawing of cable including preparation at site 342 Without HDPE Pipe					
341	46.39	Anchor sleeve for messenger wire	No	4	5	
340	46.35	Ground connection for messenger wire	No	23	26	
339	46.34	Surge Arrester for ABC	No	95	107	
338	46.33	11kV AB Cable Termination installation for 3 Core	No's	620	700	
337	46.32	11kV AB Cable Straight thru' joint installation for 3 Core	No's	733	828	
336	46.31	11kV AB Cable T-joint installation for 3 Core	No's	916	1035	
335	46.30	End cap for 50/70 Sqmm	No	4	5	
334	46.29	T-connector KZ3 95	No	115	130	
333	46.28	Distribution box suitable for 6 3 phase connections	No	476	538	
332	46.27	Distribution box suitable for 20 single phase connections	No	340	384	
331	46.26	Installation of Pre-insulated lugs-CPTAU for 120 Sqmm	No	176	199	
330	46.25	Installation of Pre-insulated lugs-CPTAU for 95 Sqmm	No	142	160	
329	46.24	Installation of Pre-insulated lugs-CPTAU for 70 Sqmm	No	136	154	
328	46.23	Installation of Pre-insulated lugs-CPTAU for 50 Sqmm	No	136	154	
327	46.22	Installation of Pre-insulated lugs-CPTAU for 25 Sqmm	No	136	154	
326	46.21	Installation of Pre-insulated lugs-CPTAU for 16 Sqmm	No	136	154	
325	46.20	Installation of Pre-insulated straight thru' joints- MJPT for 120 Sqmm cable	No	170	192	
324	46.19	Installation of Pre-insulated straight thru' joints- MJPT for 70 Sqmm cable	No	136	154	
323	46.18	Installation of Pre-insulated straight thru' joints-MJPT for 50 Sqmm cable	No	136	154	
322	46.17	Installation of Pre-insulated straight thru' joints-MJPT for 25 Sqmm cable	No	136	154	
321	46.16	Installation of Pre-insulated straight thru' joints- MJPT for 16 Sqmm cable	No	136	154	
320	46.15	Installation of Insulation piercing connector for main to service line Main: 50-150sqmm, Tap: 4-35sqmm(P4X150D)	No	68	77	
319	46.14	Installation of Insulation piercing connector for main to service line Main: 25-95sqmm, Tap: 25-95sqmm(P3X95)	No	68	77	
318	46.13	Installation of Insulation piercing connector for main to service line Main: 16-95sqmm, Tap: 4-35sqmm(P2X95)	No	68	77	
317	46.12	Installation of Insulation piercing connector for main to street light Main: 16-95sqmm, Tap: 1.5-10sqmm(EP95)	No	48	54	

344 47.2 ii) Rock soil 5" bore size Rmtr 1088 345 47.3 iii) Normal soil 6" bore size Rmtr 625 346 47.4 iv) Rock soil 6" bore size Rmtr 1088 347 47.5 v) Normal soil 8" bore size Rmtr Deleted 348 47.6 vi) Rock soil 8" bore size Rmtr Deleted 349 48.1 i) Normal soil 5" bore size Rmtr 750 350 48.2 ii) Rock soil 5" bore size Rmtr 1213 351 48.3 iii) Normal soil 6" bore size Rmtr 913 352 48.4 iv) Rock soil 6" bore size Rmtr 1425 353 48.5 v) Normal soil 8" bore size Rmtr Deleted 354 48.6 vi) Rock soil 8" bore size Rmtr Deleted 48.6 vi) Rock soil 8" bore size Rmtr Deleted 49 Providing chain link fencing 50mm size of 8 guage Providing chain link fencing	1229
346 47.4 iv) Rock soil 6" bore size Rmtr Deleted 347 47.5 v) Normal soil 8" bore size Rmtr Deleted 348 47.6 vi) Rock soil 8" bore size Rmtr Deleted 48 With HDPE Pipe	1447
347 47.5 v) Normal soil 8" bore size Rmtr Deleted	706
348 47.6 vi) Rock soil 8" bore size Rmtr Deleted	1229
48 With HDPE Pipe 349 48.1 i) Normal soil 5" bore size Rmtr 750 350 48.2 ii) Rock soil 5" bore size Rmtr 1213 351 48.3 iii) Normal soil 6" bore size Rmtr 913 352 48.4 iv) Rock soil 6" bore size Rmtr 1425 353 48.5 v) Normal soil 8" bore size Rmtr Deleted 354 48.6 vi) Rock soil 8" bore size Rmtr Deleted Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	Deleted
349 48.1 i) Normal soil 5" bore size 350 48.2 ii) Rock soil 5" bore size 351 48.3 iii) Normal soil 6" bore size 352 48.4 iv) Rock soil 6" bore size 353 48.5 v) Normal soil 8" bore size 354 48.6 vi) Rock soil 8" bore size 355 Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	Deleted
350 48.2 ii) Rock soil 5" bore size Rmtr 1213 351 48.3 iii) Normal soil 6" bore size Rmtr 913 352 48.4 iv) Rock soil 6" bore size Rmtr 1425 353 48.5 v) Normal soil 8" bore size Rmtr Deleted 354 48.6 vi) Rock soil 8" bore size Rmtr Deleted Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	
351 48.3 iii) Normal soil 6" bore size 352 48.4 iv) Rock soil 6" bore size 353 48.5 v) Normal soil 8" bore size 354 48.6 vi) Rock soil 8" bore size 355 Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	848
352 48.4 iv) Rock soil 6" bore size Rmtr 1425 353 48.5 v) Normal soil 8" bore size Rmtr Deleted 354 48.6 vi) Rock soil 8" bore size Rmtr Deleted Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	1370
353 48.5 v) Normal soil 8" bore size Rmtr Deleted 354 48.6 vi) Rock soil 8" bore size Rmtr Deleted Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	1031
354 48.6 vi) Rock soil 8" bore size Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	1610
Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	Deleted
properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc., complete as per the direction of the engineer incharge for work including two coats of approved quality paint over	Deleted
	780
LTFP box Painting (including scrubbing of old paint, supplying and applying primer and two coats of aluminium /enamel paint including minor repair to box) LS 1294	1462
Spun Pole Painting (supplying and applying two coats of enamel paints to 11Mtrs spun pole) and painting all the metal parts of the structure with two coats of aluminium paint over primer Spun Pole Painting (supplying and applying two coats of enamel paints to 11Mtrs spun pole) and Pole 5555	6277
Spun Pole Painting (supplying & applying two coats of enamel paints to 11Mtrs spun pole) and painting Pole 2381	2690
Repairing the broken damaged door of RMU with necessary hinges, welding etc., with necessary paint touch up including supply of paint for touch up. Repairing the broken damaged door of RMU with per door 571	646
Repairing the broken damaged door of LT feeder box with necessary hinges, welding etc.with necessary paint touch up including supply of paint for touch up. Repairing the broken damaged door of LT feeder box with necessary per box 381	431
Repairing the broken damaged door of LT distribution box fixed to DTC with necessary hinges, welding etc. with necessary paint touch up including supply of paint for touch up.	323
56 Erection of Compact Pre-fabricated Packaged Sub-station 11kV/433 V	
Installing & fixing the compact pre-fabricated packaged sub-station 100/250/500/750/990 kVA transformer on the existing concrete plinth.(This does not include the cost of plinth, cable duct, laying & termination of cable etc. provision for the same shall be made)	9568

		Labour Charges towards Station Works (As per Prevailing KPTCL SR with effect from 01.09.06)			
	57	11KV SWITCHGEAR			
363	57.1	Erection, alignment and fixing to the foundation, indoor/outdoor 11KV switchgear panel/unit including movement from the point of unloading to thr point of erction.			
364	57.2	11KV Indoor/outdoor switchgear	D D1	1839	2078
365	57.3	11KV Kiosk	Per Panel	1530	1729
	58	Wiring & assisting in testing & Commissioning			
366	58.1	11KV indoor/outdoor switchgear		610	689
367	58.2	11KV Kiosk		610	689
	59	a) Wiring b)Testing & Commissioning			
368	59.1	Identification of wires, Ferruling Crimping & Termination of wires fir annunciation, etc., Testing of Relays, CTs, PTs, & Breaker for operation.			
369	59.2	For indoor /outdoor panel comprising of 2I +8F+1BC+1AP3	Per Set	69753	65503
370	59.3	For single 11KV panel indoor/outdoor type /kiosk	Each	13950	13098
371	59.4	For additional 11KV panel (indoor type)	Each	6975	6544
372	59.5	For single 11KV panel outdoor type/Kiosk	Each	10661	10009
373	60	Consolidated labour charges involving 1 to 2 (ONE to TWO) pole works for Ganga Kalyana and Drinking Water supply works only.	Set	7813	8829
374	61	Consolidated labour charges involving 3 to 5 (THREE to FIVE) pole works for Ganga Kalyana and Drinking Water supply works only.	Set	12344	13949
	62	Consolidated labour charges for works 1 to 4 (ONE to FOUR) poles including excavation of pit, pole erection, fixing of cross arms, stringing of conductor, fixing of conductor accessories, fixing guy sets, fixing of anti climbing device, spiral earth electrode, danger board etc if any (Applicable for both HT & LT Line)			
375	62.1	For work involing 1 pole	Set	3750	4238
376	62.2	For work involing 2 pole	Set	5000	5650
377	62.3	For work involing 3 pole	Set	6250	7063
378	62.4	For work involing 4 pole	Set	7500	8475

379	62.5	For work involing 5 & above pole works	Set	Estimates are to be prepared as per SR	Estimates are to be prepared as per SR		
380	63	Consolidated Labour charges for shifting of the conductor terminations(existing cut points) in deteriorated existing poles to new poles erected. Work includes all works associated with shifting of the terminations, like shifting of aerial fuse boards, cut outs, service main(UG cable and over head) and any other existing fitting.	per pole	New Item	Rs.3000/-		
381	64	Consolidated Labour charges for shifting of the existing conductor, including all works associated with shifting of the conductor such as any fittings, aerial fuse boards, cut outs, service main (UG cable and over head) etc., on the existing deteriorated intermediate pole to new pole erected.	per pole	New Item	Rs.2200/-		
	NOTE:				•		
	1	The loading and unloading charges shall be included at the following rates in all estimates for the works which are proposed to be taken up on labour contract.					
	2	For Poles - As per the rates provided for Loading and unloading of poles in the SR					
	3	For all other materials excluding transformers and conductors - 10% of the rates provisioned for Loading and unloading of poles in the estimate.					
	4	For Transformers and Conductor - As per the rates provided in the S.R.					
	5	The Labour charges for erection of Poles, Guy Sets, DP Structures etc., involving excavation of soil provided in the cost sheet for general works is for ordinary soil only. Wherever other type of soil is encountered, the difference in rates for excavation in such soil provided in the Schedule of labour shall be worked out and adopted.					
	6	Special labour charges for Ganga Kalyna and Water Works, Drinking Water Works and SC & E&I Works: (These rates are Applicable for works carried out under labour awards only. THESE RATES SHALL NOT BE OPERATED FOR RATE CONTRACT AWRADS AND OTHER TENDERED AWARDS).					
		Note:-					
		(1) These labour charges are applicable for 1 to 2 p Ganga Kalyana and Water Works	ole and 3 to 5	poles in resp	ect of		
		(2) These rates are applicable only when 1 to 2 pole other associated works.	e and 3 to 5 pc	oles are invol	ved and no		

(3) These rates are applicable only when 1 to 4 pole works for Service Main and E&I Works
The Labour charges are all inclusive i.e., digging of pits, erretion of poles, fixing of cross arms, insulators, stringing of wires, providing of guy sets, fixing of spiral earthrodes, Etc.,
No other labour charges or any other charges towards special locality allowance, LC charges, additional labour charges, Transportation charges, etc., are payable.
(4) Certificate has to be furnished by the section officer who prepares the estimate that the estimates are not split to claim the above labour charges.
Labour Charges for one to two pole and three to five pole works in respect of all types of works wherein other works such as DTC erection etc., and other works are not involved.