

**Govt., of TELANGANA**  
**SOR 2014-2015 (Electrical)**  
**Without Taxes**

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

**SECTION - 1****1.1 M.S. CONDUIT PIPES**

1	ELEC-1.1.1	Supply of ISI, 20mm dia, 16 guage thickness conduit pipe of makes NAI / Bharath / GB.	MS	1 Mtr	60.70
2	ELEC-1.1.2	Supply of ISI, 25mm dia, 16 guage thickness conduit pipe of makes NAI / Bharath / GB.	MS	1 Mtr	70.80
3	ELEC-1.1.3	Supply of ISI, 32mm dia, 16 guage thickness conduit pipe of makes NAI / Bharath / GB.	MS	1 Mtr	106.10
4	ELEC-1.1.4	Supply of ISI, 38mm dia, 16 guage thickness conduit pipe of makes NAI / Bharath / GB.	MS	1 Mtr	107.20
5	ELEC-1.1.5	Supply of ISI, 50mm dia, 16 guage thickness conduit pipe of makes NAI / Bharath / GB.	MS	1 Mtr	151.70
6	ELEC-1.1.6	Supply of 19 / 20 mm MS Junction box normal range big size long neck.		1 No	20.40
7	ELEC-1.1.7	Supply of 25 mm MS Junction box normal range big size long neck.		1 No	20.40
8	ELEC-1.1.8	Supply of 32 mm MS Junction box normal range big size long neck.		1 No	53.60
9	ELEC-1.1.9	Supply of 40 / 38 mm MS Junction box normal range big size long neck.		1 No	63.00
10	ELEC-1.1.10	Supply of 50 mm MS Junction box normal range big size long neck.		1 No	113.20
11	ELEC-1.1.11	Supply of 25/20mm. MS Junction deep box.		1 No	33.20
12	ELEC-1.1.12	Supply of 32mm. MS Junction deep box.		1 No	75.70
13	ELEC-1.1.13	Supply of 40mm. MS Junction deep box.		1 No	78.30
14	ELEC-1.1.14	Supply of 19/20mm MS Inspection Bends.		1 No	18.70
15	ELEC-1.1.15	Supply of 25mm MS Inspection Bends.		1 No	18.70
16	ELEC-1.1.16	Supply of 32mm MS Inspection Bends.		1 No	46.80
17	ELEC-1.1.17	Supply of 40/38mm MS Inspection Bends.		1 No	57.00
18	ELEC-1.1.18	Supply of 50mm MS Inspection Bends.		1 No	97.00
19	ELEC-1.1.19	Supply of 19/20mm MS Inspection Tee.		1 No	19.60
20	ELEC-1.1.20	Supply of 25mm MS Inspection Tee.		1 No	20.40
21	ELEC-1.1.21	Supply of 32mm MS Inspection Tee.		1 No	53.60
22	ELEC-1.1.22	Supply of 40/38mm MS Inspection Tee.		1 No	63.00
23	ELEC-1.1.23	Supply of 50mm MS Inspection Tee.		1 No	113.00
24	ELEC-1.1.24	Supply of 19/20mm MS Inspection Elbow.		1 No	17.90
25	ELEC-1.1.25	Supply of 25mm MS Inspection Elbow.		1 No	17.90
26	ELEC-1.1.26	Supply of 32mm MS Inspection Elbow.		1 No	45.10
27	ELEC-1.1.27	Supply of 40/38mm MS Inspection Elbow.		1 No	55.30
28	ELEC-1.1.28	Supply of 50mm MS Inspection Elbow.		1 No	91.90
29	ELEC-1.1.29	Supply of MS Inspection 10 Guage G.I. checknut size 19/20mm.		100 Nos	175.30
30	ELEC-1.1.30	Supply of MS Inspection 10 Guage G.I. checknut size 25mm.		100 Nos	218.00
31	ELEC-1.1.31	Supply of MS Inspection 10 Guage G.I. checknut size 32mm.		100 Nos	404.00
32	ELEC-1.1.32	Supply of MS Inspection 10 Guage G.I. checknut size 40/38mm.		100 Nos	546.00
33	ELEC-1.1.33	Supply of MS Inspection 10 Guage G.I. checknut size 50mm.		100 Nos	1083.00
34	ELEC-1.1.34	Supply of 19/20mm Saddles with Base.		100 Nos	180.00
35	ELEC-1.1.35	Supply of 25mm Saddles with Base.		100 Nos	187.00
36	ELEC-1.1.36	Supply of 32mm Saddles with Base.		100 Nos	309.00
37	ELEC-1.1.37	Supply of 40/38mm Saddles with Base.		100 Nos	329.00
38	ELEC-1.1.38	Supply of 50mm Saddles with Base.		100 Nos	380.00
39	ELEC-1.1.39	Supply of 19/20mm 20 guage Saddles.		100 Nos	96.00

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1	2	3	4	
40	ELEC-1.1.40	Supply of 25mm 20 guage Saddles.	100 Nos	127.00
41	ELEC-1.1.41	Supply of 32mm 20 guage Saddles.	100 Nos	208.00
42	ELEC-1.1.42	Supply of 40/38mm 20 guage Saddles.	100 Nos	262.00
43	ELEC-1.1.43	Supply of 50mm 20 guage Saddles.	100 Nos	319.00
44	ELEC-1.1.44	Supply of 19/20mm 16 Guage socket coupler.	12 Nos	49.00
45	ELEC-1.1.45	Supply of 25mm 16 Guage socket coupler.	12 Nos	61.00
46	ELEC-1.1.46	Supply of 32mm 16 Guage socket coupler.	12 Nos	92.00
47	ELEC-1.1.47	Supply of 38mm 16 Guage socket coupler.	12 Nos	110.00
48	ELEC-1.1.48	Supply of 40mm 16 Guage socket coupler.	12 Nos	146.00
49	ELEC-1.1.49	Supply of 50mm 16 Guage socket coupler.	12 Nos	180.00
50	ELEC-1.1.50	Supply of 19mm Ball Socket.	12 Nos	180.00
51	ELEC-1.1.51	Supply of 25mm Ball Socket.	12 Nos	176.00
	<b>1.2</b>	<b>PVC CONDUIT PIPES</b>		
52	ELEC-1.2.1	Supply of ISI 20mm outer dia medium (1.55mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1 Mtr	16.30
53	ELEC-1.2.2	Supply of ISI 20mm outer dia heavy (2.10mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1 Mtr	20.60
54	ELEC-1.2.3	Supply of ISI 25mm outer dia medium (1.80mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1 Mtr	21.60
55	ELEC-1.2.4	Supply of ISI 25mm outer dia heavy (2.20mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1 Mtr	27.10
56	ELEC-1.2.5	Supply of ISI 32mm outer dia medium (2.10mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1 Mtr	36.20
57	ELEC-1.2.6	Supply of ISI 40mm outer dia medium (2.30mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1 Mtr	49.70
58	ELEC-1.2.7	Supply of ISI 50mm outer dia medium (2.85mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1 Mtr	69.30
59	ELEC-1.2.8	Supply of Non - ISI 19mm 1.50mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1 Mtr	11.80
60	ELEC-1.2.9	Supply of Non - ISI 19mm 1.80mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1 Mtr	15.70
61	ELEC-1.2.10	Supply of Non - ISI 25mm 1.50mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1 Mtr	15.70
62	ELEC-1.2.11	Supply of Non - ISI 25mm 1.80mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1 Mtr	20.70
63	ELEC-1.2.12	Supply of Non - ISI 32mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1 Mtr	27.50
64	ELEC-1.2.13	Supply of Non - ISI 40mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1 Mtr	36.30
65	ELEC-1.2.14	Supply of Non - ISI 50mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1 Mtr	41.30
66	ELEC-1.2.15	Supply of ISI 19/20mm width and 12.5mm height Casing and Caping of Modi make.	1 Mtr	21.60

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1	2	3	4	
67	ELEC-1.2.16	Supply of ISI 25mm width and 12.5mm height Casing and Caping of Modi make.	1 Mtr	27.10
68	ELEC-1.2.17	Supply of ISI 32mm width and 12.5mm height Casing and Caping of Modi make.	1 Mtr	31.40
69	ELEC-1.2.18	Supply of ISI 38/40mm width and 12.5mm height Casing and Caping of Modi make.	1 Mtr	54.00
70	ELEC-1.2.19	Supply of Non - ISI 19/20mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1 Mtr	14.70
71	ELEC-1.2.20	Supply of Non - ISI 25mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1 Mtr	15.70
72	ELEC-1.2.21	Supply of Non - ISI 32mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1 Mtr	20.70
73	ELEC-1.2.22	Supply of Non - ISI 38/40mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1 Mtr	30.50
74	ELEC-1.2.23	Supply of 19/20mm PVC Flexible Pipe.	1 Mtr	3.10
75	ELEC-1.2.24	Supply of 25mm PVC Flexible Pipe.	1 Mtr	4.20
76	ELEC-1.2.25	Supply of 32mm PVC Flexible Pipe.	1 Mtr	5.20
77	ELEC-1.2.26	Supply of 40/38mm PVC Flexible Pipe.	1 Mtr	10.40
78	ELEC-1.2.27	Supply of 50mm PVC Flexible Pipe.	1 Mtr	16.50
79	ELEC-1.2.28	Supply of 19/20mm PVC Flexible Couplings.	1 No	9.40
80	ELEC-1.2.29	Supply of 25mm PVC Flexible Couplings.	1 No	11.90
81	ELEC-1.2.30	Supply of 32mm PVC Flexible Couplings.	1 No	23.80
82	ELEC-1.2.31	Supply of 40/38mm PVC Flexible Couplings.	1 No	25.50
83	ELEC-1.2.32	Supply of 50mm PVC Flexible Couplings.	1 No	51.90
84	ELEC-1.2.33	Supply of 19/20mm PVC Junction Boxes Normal.	1 No	14.50
85	ELEC-1.2.34	Supply of 25mm PVC Junction Boxes Normal.	1 No	16.20
86	ELEC-1.2.35	Supply of 32mm PVC Junction Boxes Normal.	1 No	28.90
87	ELEC-1.2.36	Supply of 40mm PVC Junction Boxes Normal.	1 No	31.50
88	ELEC-1.2.37	Supply of 50mm PVC Junction Boxes Normal.	1 No	43.40
89	ELEC-1.2.38	Supply of PVC Junction Boxes Deep size 19/20mm.	1 No	18.70
90	ELEC-1.2.39	Supply of PVC Junction Boxes Deep size 25mm.	1 No	21.30
91	ELEC-1.2.40	Supply of PVC Junction Boxes Deep size 32mm.	1 No	34.00
92	ELEC-1.2.41	Supply of PVC Junction Boxes Deep size 40/38mm.	1 No	36.60
93	ELEC-1.2.42	Supply of PVC Junction Boxes Deep size 50mm.	1 No	54.50
94	ELEC-1.2.43	Supply of 19/20mm dia 1.5mm thick PVC Bends of Sudhakar make.	1 No	3.40
95	ELEC-1.2.44	Supply of 25mm dia 1.5mm thick PVC Bends of Sudhakar make.	1 No	5.10
96	ELEC-1.2.45	Supply of 32mm dia 2.0mm thick PVC Bends of Sudhakar make.	1 No	13.60
97	ELEC-1.2.46	Supply of 40mm dia 2.0mm thick PVC Bends of Sudhakar make.	1 No	16.20
98	ELEC-1.2.47	Supply of 50mm dia 2.0mm thick PVC Bends of Sudhakar make.	1 No	23.80
99	ELEC-1.2.48	Dummy Cover to PVC junction boxes	1 No	3.40
	<b>1.3</b>	<b>HOT DIP GALVANIZED METAL BOXES (MODULAR)</b>		
100	ELEC-1.3.1	Supply of 1 or 2 Module box	1 No	49.00
101	ELEC-1.3.2	Supply of 3 Module box	1 No	68.00
102	ELEC-1.3.3	Supply of 4 Module box	1 No	82.00
103	ELEC-1.3.4	Supply of 6 Module box	1 No	111.00
104	ELEC-1.3.5	Supply of 8 or 9 Module box Horizontal/Vertical.	1 No	145.00
105	ELEC-1.3.6	Supply of 12 Module box	1 No	178.00
		<b>METALLIC BOXES (MS)</b>		
106	ELEC-1.3.7	Supply of 4" x 4" Metal Box	1 No	45.00
107	ELEC-1.3.8	Supply of 4" x 7" Metal Box	1 No	54.00
108	ELEC-1.3.9	Supply of 6" x 6" Metal Box	1 No	67.00

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1	2	3	4	
109	ELEC-1.3.10	Supply of 6" x 8" Metal Box	1 No	89.00
110	ELEC-1.3.11	Supply of 10" x 8" Metal Box	1 No	157.00
111	ELEC-1.3.12	Supply of 10" x 12" Metal Box	1 No	201.00
	<b>1.4</b>	<b>T.W. BOARDS</b>		
112	ELEC-1.4.1	Supply of T.W.Deep Box of Size 4" x 4"	1 No	9.00
113	ELEC-1.4.2	Supply of T.W.Deep Box of Size 4" x 7"	1 No	15.00
114	ELEC-1.4.3	Supply of T.W.Deep Box of Size 6" x 6"	1 No	19.00
115	ELEC-1.4.4	Supply of T.W.Deep Box of Size 6" x 8"	1 No	26.00
116	ELEC-1.4.5	Supply of T.W.Deep Box of Size 8" x 10"	1 No	41.00
117	ELEC-1.4.6	Supply of T.W.Deep Box of Size 10" x 12"	1 No	62.00
118	ELEC-1.4.7	Supply of T.W.Deep Box of Size 12" x 15"	1 No	93.00
119	ELEC-1.4.8	Supply of Decolam Board of Size 4" x 4"	1 No	12.00
120	ELEC-1.4.9	Supply of Decolam Board of Size 4" x 7"	1 No	21.00
121	ELEC-1.4.10	Supply of Decolam Board of Size 6" x 6"	1 No	28.00
122	ELEC-1.4.11	Supply of Decolam Board of Size 6" x 8"	1 No	37.00
123	ELEC-1.4.12	Supply of Decolam Board of Size 8" x 10"	1 No	62.00
124	ELEC-1.4.13	Supply of Decolam Board of Size 10" x 12"	1 No	93.00
125	ELEC-1.4.14	Supply of Decolam Board of Size 12" x 15"	1 No	140.00
126	ELEC-1.4.15	Supply of Peeta Board of Size 9" x 14"	1 No	45.00
127	ELEC-1.4.16	Supply of Peeta Board of Size 12" x 10"	1 No	43.00
128	ELEC-1.4.17	Supply of Peeta Board of Size 15" x 20"	1 No	155.00
129	ELEC-1.4.18	Supply of Peeta Board of Size 18" x 24"	1 No	223.00
130	ELEC-1.4.19	Supply of Peeta Board of Size 18" x 30"	1 No	278.00
131	ELEC-1.4.20	Supply of No.8 Screws of 12mm.	100 Nos	50.00
132	ELEC-1.4.21	Supply of No.8 Screws of 25mm.	100 Nos	61.00
133	ELEC-1.4.22	Supply of No.8 Screws of 30mm.	100 Nos	76.00
134	ELEC-1.4.23	Supply of No.8 Screws of 35/38mm.	100 Nos	82.00
135	ELEC-1.4.24	Supply of No.8 Screws of 50mm.	100 Nos	92.00
136	ELEC-1.4.25	Supply of No.8 Screws of 63/75mm.	100 Nos	111.00
	<b>1.5</b>	<b>COPPER FLEXIBLE CABLES (AS PER IS:694)</b>		
137	ELEC-1.5.1	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100 Mtrs	894.00
138	ELEC-1.5.2	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100 Mtrs	1323.00
139	ELEC-1.5.3	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100 Mtrs	2136.00
140	ELEC-1.5.4	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100 Mtrs	3262.00
141	ELEC-1.5.5	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100 Mtrs	4960.00
142	ELEC-1.5.6	Supply of 140/0.3mm (10.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes Finolex / RR kabel	100 Mtrs	7685.00
143	ELEC-1.5.7	Supply of 126/0.4mm (16.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes Finolex / RR kabel	100 Mtrs	12153.00

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144	ELEC-1.5.8	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white.	100 Mtrs	786.00
145	ELEC-1.5.9	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white.	100 Mtrs	1156.00
146	ELEC-1.5.10	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white.	100 Mtrs	1868.00
147	ELEC-1.5.11	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white.	100 Mtrs	2860.00
148	ELEC-1.5.12	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art / Great white.	100 Mtrs	4470.00
149	ELEC-1.5.13	Supply of 140/0.3mm (10.0 Sqmm) FRLS / HFFR PVC insulated flexible Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art.	100 Mtrs	6790.00
150	ELEC-1.5.14	Supply of 126/0.4mm (16.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art.	100 Mtrs	11260.00
151	ELEC-1.5.15	Supply of 14/0.3mm (1.0 Sqmm) FR / FRLS PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab .	100 Mtrs	680.00
152	ELEC-1.5.16	Supply of 22/0.3mm (1.5 Sqmm) FR / FRLS PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab .	100 Mtrs	980.00

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153	ELEC-1.5.17	Supply of 36/0.3mm (2.5 Sqmm) FR / FRLS PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab .	100 Mtrs	1580.00
154	ELEC-1.5.18	Supply of 56/0.3mm (4.0 Sqmm) FR / FRLS PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab .	100 Mtrs	2370.00
155	ELEC-1.5.19	Supply of 84/0.3mm (6.0 Sqmm) FR / FRLS PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab .	100 Mtrs	3665.00
156	ELEC-1.5.20	Supply of 140/0.3mm (10.0 Sqmm) FR / FRLS PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab .	100 Mtrs	5810.00
157	ELEC-1.5.21	Supply of 126/0.4mm (16.0 Sqmm) FR / FRLS PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Gloster / Nandicab / V-Guard / Vimal / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab .	100 Mtrs	8936.00
		<b>SHEATHED FLEXIBLE CABLES</b>		
158	ELEC-1.5.22	Supply of PVC insulated 2 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	3566.00
159	ELEC-1.5.23	Supply of PVC insulated 2 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	5690.00
160	ELEC-1.5.24	Supply of PVC insulated 2 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	8744.00
161	ELEC-1.5.25	Supply of PVC insulated 3 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	4882.00
162	ELEC-1.5.26	Supply of PVC insulated 3 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	7853.00
163	ELEC-1.5.27	Supply of PVC insulated 3 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	11970.00
164	ELEC-1.5.28	Supply of PVC insulated 4 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	6290.00
165	ELEC-1.5.29	Supply of PVC insulated 4 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	10020.00

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1	2	3	4	
166	ELEC-1.5.30	Supply of PVC insulated 4 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100 Mtrs	15250.00
	<b>1.6</b>	<b>SERVICE MAINS AND FLAT CABLE OF ISI FOR SUBMERSIBLE MOTORS.</b>		
167	ELEC-1.6.1	Supply of 2.5 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	627.00
168	ELEC-1.6.2	Supply of 6 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	1274.00
169	ELEC-1.6.3	Supply of 10 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	1370.00
170	ELEC-1.6.4	Supply of 16 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	2292.00
171	ELEC-1.6.5	Supply of 6 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	2568.00
172	ELEC-1.6.6	Supply of 10 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	3088.00
173	ELEC-1.6.7	Supply of 16 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	5790.00
174	ELEC-1.6.8	Supply of 23 / 0060 twin core twisted / flat heavy Copper wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG / Nandicab.	100 Mtrs	885.00
175	ELEC-1.6.9	Supply of 3 Core 1.5 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100 Mtrs	4865.00
176	ELEC-1.6.10	Supply of 3 Core 2.5 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100 Mtrs	7470.00
177	ELEC-1.6.11	Supply of 3 Core 4.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100 Mtrs	11206.00
178	ELEC-1.6.12	Supply of 3 Core 6.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100 Mtrs	16514.00
179	ELEC-1.6.13	Supply of 3 Core 10.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100 Mtrs	26835.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
	<b>1.7</b>	<b>FLUSH TYPE SWITCHES AND ACCESSORIES</b>		
180	ELEC-1.7.1	Supply of 6A 1 Way flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	14.20
181	ELEC-1.7.2	Supply of 6A 2 Way flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	16.50
182	ELEC-1.7.3	Supply of 6A 2 pin flush type Socket of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	15.70
183	ELEC-1.7.4	Supply of 6A 3/2 pin flush type Socket with shutter of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	21.30
184	ELEC-1.7.5	Supply of 6A flush type Neon Indicator of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	15.70
185	ELEC-1.7.6	Supply of 6A Triangle Plug Top of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	27.60
186	ELEC-1.7.7	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	16.50
187	ELEC-1.7.8	Supply of 16A flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	51.20
188	ELEC-1.7.9	Supply of 16A flush type Socket with shutter of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	51.20
189	ELEC-1.7.10	Supply of 16A flush type Switch Socket combined (2 in one) of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	80.30
190	ELEC-1.7.11	Supply of 16A Triangle Plug Top of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	39.40
191	ELEC-1.7.12	Supply of stepped type Electronic Regulator of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	173.20
192	ELEC-1.7.13	Supply of 3 Plate Jumbo Ceiling Rose of makes Anchor / Gold Medal Olive / Million Zoom.	1 No	16.50
193	ELEC-1.7.14	Supply of BH / SBH of makes Anchor / Gold Medal Olive / Million Zoom.	1 No	15.70
194	ELEC-1.7.15	Supply of Pendent Holder / Adopter of makes Anchor / Gold Medal Olive / Million Zoom.	1 No	13.40
195	ELEC-1.7.16	Supply of Telephone Jack with Connector of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	37.80
196	ELEC-1.7.17	Supply of TV Antenna Outlet of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1 No	20.50
197	ELEC-1.7.18	Supply of 15A/10A Flush type Fuse of makes GM / Million / Gold Medal / Maru Mantero / Anchor Penta Cherry / Great white.	1 No	25.20
198	ELEC-1.7.19	Supply of 32A DP Flush type of makes GM / Million / Gold Medal / Maru Mantero / Anchor Penta Cherry / Great white.	1 No	83.50

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
199	ELEC-1.7.20	Supply of Calling Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	39.40
200	ELEC-1.7.21	Supply of Buzzer of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	35.40
201	ELEC-1.7.22	Supply of Ding Dong Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	80.30
202	ELEC-1.7.23	Supply of Electronic Musical Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	189.00
203	ELEC-1.7.24	Supply of Remote Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	354.30
204	ELEC-1.7.25	Supply of MC Holder of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	16.50
205	ELEC-1.7.26	Supply of Spike Guard with 1 No Switch and 4 Nos Sockets of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	244.10
206	ELEC-1.7.27	Supply of Spike Guard with 4 No Switches and 4 Nos Sockets of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1 No	322.80
207	ELEC-1.7.28	Supply of 6A 1 Way flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	11.80
208	ELEC-1.7.29	Supply of 6A 2 Way flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	15.00
209	ELEC-1.7.30	Supply of 6A 2 pin flush type Socket of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	11.80
210	ELEC-1.7.31	Supply of 6A 3/2 pin flush type Socket with shutter of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	15.70
211	ELEC-1.7.32	Supply of 6A flush type Neon Indicator of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	14.20
212	ELEC-1.7.33	Supply of 6A Triangle Plug Top of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	22.00
213	ELEC-1.7.34	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	14.20
214	ELEC-1.7.35	Supply of 16A flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	43.30
215	ELEC-1.7.36	Supply of 16A flush type Socket with shutter of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	43.30
216	ELEC-1.7.37	Supply of 16A flush type Switch Socket combined (2 in one) of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	66.90
217	ELEC-1.7.38	Supply of 16A Triangle Plug Top of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	34.60
218	ELEC-1.7.39	Supply of stepped type Electronic Regulator of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	141.70
219	ELEC-1.7.40	Supply of 3 Plate Jumbo Ceiling Rose of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1 No	12.60
220	ELEC-1.7.41	Supply of 32A DP Flush type of makes GM / Gold Medal / Anchor / Great White/ Milltec / Vimal / Maru / Star.	1 No	66.90
	<b>1.8</b>	<b>MINI MODULAR SWITCHES AND ACCESSORIES</b>		
221	ELEC-1.8.1	Supply of 6A 1 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	18.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
222	ELEC-1.8.2	Supply of 6A 2 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	20.00
223	ELEC-1.8.3	Supply of 6A 2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	19.00
224	ELEC-1.8.4	Supply of 6A 3/2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	28.00
225	ELEC-1.8.5	Supply of 6A Mini Modular Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	22.00
226	ELEC-1.8.6	Supply of 6A Mini Modular Bed Switch / Bell Push with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	20.00
227	ELEC-1.8.7	Supply of 6A 1 Way Mini Modular Switch with Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	22.00
228	ELEC-1.8.8	Supply of 6A Mini Modular Bell Push with Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	31.00
229	ELEC-1.8.9	Supply of 16A Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	63.00
230	ELEC-1.8.10	Supply of 16A (2 in one) Mini Modular Switch & Socket combined with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	87.00
231	ELEC-1.8.11	Supply of 16A Triangle Top with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	39.00
232	ELEC-1.8.12	Supply of Mini Modular Stepped type Electronic Regulator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	189.00
233	ELEC-1.8.13	Supply of Mini Modular Telephone Jack with Connector with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	42.00
234	ELEC-1.8.14	Supply of Mini Modular TV Antenna Outlet with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	28.00
235	ELEC-1.8.15	Supply of 16A/10A Mini Modular Flush Fuse with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1 No	31.00
	<b>1.9</b>	<b>MODULAR SWITCHES AND ACCESSORIES</b>		
236	ELEC-1.9.1	Supply of 6A / 10A 1 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	72.00
237	ELEC-1.9.2	Supply of 6A / 10A 2 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	79.00
238	ELEC-1.9.3	Supply of 6A / 10A 2 Pin 2 Module Modular Socket of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	73.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
239	ELEC-1.9.4	Supply of 6A / 10A 3/2 Pin 2 Module Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	111.00
240	ELEC-1.9.5	Supply of 6A / 10A 1 Module Modular Switch with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	92.00
241	ELEC-1.9.6	Supply of 6A / 10A Modular Bell Push with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	108.00
242	ELEC-1.9.7	Supply of 16A / 10A Modular Flush Fuse with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	99.00
243	ELEC-1.9.8	Supply of 16A / 20A 1 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	99.00
244	ELEC-1.9.9	Supply of 16A / 20A 2 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	109.00
245	ELEC-1.9.10	Supply of 20A 1 Way 1 Module Modular Switch with Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	109.00
246	ELEC-1.9.11	Supply of 20A Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	148.00
247	ELEC-1.9.12	Supply of 16A/6A 1 way Combi Socket Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	154.00
248	ELEC-1.9.13	Supply of 16A Triangle Top of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	124.00
249	ELEC-1.9.14	Supply of 1 Module Modular type Electronic step type Fan Regulator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	372.00
250	ELEC-1.9.15	Supply of Modular socket type Telephone jack with Connector of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	79.00
251	ELEC-1.9.16	Supply of Modular co-Axial socket type TV Antenna outlet of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	77.00
252	ELEC-1.9.17	Supply of 6A / 10A 1 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	50.00
253	ELEC-1.9.18	Supply of 6A / 10A 2 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	59.00
254	ELEC-1.9.19	Supply of 6A / 10A 2 Pin 1 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	50.00
255	ELEC-1.9.20	Supply of 6A / 10A 3/2 Pin 2 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	73.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
256	ELEC-1.9.21	Supply of 6A / 10A 1 Module Modular Switch with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	59.00
257	ELEC-1.9.22	Supply of 6A / 10A 1 Module Modular Bell Push with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	71.00
258	ELEC-1.9.23	Supply of 16A / 10A 1 Module Modular Flush Fuse with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	65.00
259	ELEC-1.9.24	Supply of 16A / 20A 1 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	65.00
260	ELEC-1.9.25	Supply of 16A / 20A 2 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	75.00
261	ELEC-1.9.26	Supply of 20A 1 Way 1 Module Modular Switch with Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	72.00
262	ELEC-1.9.27	Supply of 20A 2 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	105.00
263	ELEC-1.9.28	Supply of 16A/6A 1 way 2 Module Combi Socket Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	106.00
264	ELEC-1.9.29	Supply of 16A Triangle Top of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	51.00
265	ELEC-1.9.30	Supply of 1 Module Modular type Electronic step type Fan Regulator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	295.00
266	ELEC-1.9.31	Supply of Modular socket type Telephone jack with Connector of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	51.00
267	ELEC-1.9.32	Supply of Modular co-Axial socket type TV Antenna outlet of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	50.00
268	ELEC-1.9.33	Supply of 1 or 2 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	51.00
269	ELEC-1.9.34	Supply of 3 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	61.00
270	ELEC-1.9.35	Supply of 4 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	70.00
271	ELEC-1.9.36	Supply of 6 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	102.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
272	ELEC-1.9.37	Supply of 8 Modular Horizontal / Vertical Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	135.00
273	ELEC-1.9.38	Supply of 12 Modular Vertical Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1 No	165.00
274	ELEC-1.9.39	Supply of 1 or 2 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	44.00
275	ELEC-1.9.40	Supply of 3 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	54.00
276	ELEC-1.9.41	Supply of 4 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	64.00
277	ELEC-1.9.42	Supply of 6 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	85.00
278	ELEC-1.9.43	Supply of 8 Modular Horizontal / Vertical Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	108.00
279	ELEC-1.9.44	Supply of 12 Modular Vertical Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL.	1 No	131.00
	<b>2.1</b>	<b>SECTION - 2 PANEL MOUNTING SWITCH DISCONNECTOR FUSE UNITS ( SDFU ) AS PER IS: 13947</b>		
280	ELEC-2.1.1	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1 No	1064.00
281	ELEC-2.1.2	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1 No	1834.00
282	ELEC-2.1.3	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1 No	4392.00
283	ELEC-2.1.4	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1 No	5732.00
284	ELEC-2.1.5	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1 No	6882.00
285	ELEC-2.1.6	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1 No	10594.00
286	ELEC-2.1.7	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1 No	17920.00
287	ELEC-2.1.8	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1 No	889.00
288	ELEC-2.1.9	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1 No	1332.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
289	ELEC-2.1.10	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1 No	3013.00
290	ELEC-2.1.11	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1 No	4554.00
291	ELEC-2.1.12	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1 No	5135.00
292	ELEC-2.1.13	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1 No	7843.00
293	ELEC-2.1.14	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1 No	13022.00
	<b>2.2</b>	<b>ON LOAD CHANGEOVER SWITCHES (OPEN EXECUTION) AS PER IS:13947</b>		
294	ELEC-2.2.1	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1 No	3256.00
295	ELEC-2.2.2	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1 No	6164.00
296	ELEC-2.2.3	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1 No	8247.00
297	ELEC-2.2.4	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1 No	11720.00
298	ELEC-2.2.5	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1 No	17883.00
299	ELEC-2.2.6	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1 No	21269.00
300	ELEC-2.2.7	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1 No	2952.00
301	ELEC-2.2.8	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1 No	5735.00
302	ELEC-2.2.9	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1 No	7590.00
303	ELEC-2.2.10	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1 No	10794.00
304	ELEC-2.2.11	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1 No	16782.00
305	ELEC-2.2.12	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1 No	20155.00
306	ELEC-2.2.13	Supply of 32A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1 No	1132.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
	<b>2.3</b>	<b>OFF LOAD CHANGE OVER SWITCHES IN SS ENCLOSURE AS PER IS:13947</b>		
307	ELEC-2.3.1	Supply of 32A 240V DP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard.	1 No	1038.00
308	ELEC-2.3.2	Supply of 63A 415V FP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard.	1 No	3617.00
309	ELEC-2.3.3	Supply of 100A 415V FP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard.	1 No	5517.00
310	ELEC-2.3.4	Supply of 32A 240V DP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star.	1 No	598.00
311	ELEC-2.3.5	Supply of 63A 415V FP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star.	1 No	2102.00
312	ELEC-2.3.6	Supply of 100A 415V FP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star.	1 No	3952.00
	<b>2.4</b>	<b>REWIRABLE / DOUBLE BREAK SWITCHES IN SS ENCLOSURE AS PER IS:13947</b>		
313	ELEC-2.4.1	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard.	1 No	737.00
314	ELEC-2.4.2	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard.	1 No	1139.00
315	ELEC-2.4.3	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard.	1 No	2600.00
316	ELEC-2.4.4	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard.	1 No	4841.00
317	ELEC-2.4.5	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuses of makes HPL / Havells / Standard.	1 No	4874.00
318	ELEC-2.4.6	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuses of makes HPL / Havells / Standard.	1 No	7106.00
319	ELEC-2.4.7	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star.	1 No	488.00
320	ELEC-2.4.8	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star.	1 No	813.00
321	ELEC-2.4.9	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star.	1 No	1850.00
322	ELEC-2.4.10	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star.	1 No	3606.00
323	ELEC-2.4.11	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuse of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star.	1 No	3724.00
324	ELEC-2.4.12	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuse of makes GM / Million / Sputnik / Sigma / Gold Medal / Bentec / Star.	1 No	6100.00
	<b>2.5</b>	<b>HRC FUSE LINKS (BOLTED TYPE)</b>		



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
325	ELEC-2.5.1	Supply of up to 32A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1 No	39.00
326	ELEC-2.5.2	Supply of 32A to 63A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1 No	61.00
327	ELEC-2.5.3	Supply of 125A to 200A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1 No	195.00
328	ELEC-2.5.4	Supply of 250A to 350A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1 No	286.00
329	ELEC-2.5.5	Supply of 400A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1 No	554.00
330	ELEC-2.5.6	Supply of 630A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1 No	1122.00
	<b>2.6</b>	<b>PORCELAIN REWIRABLE FUSE UNITS.</b>		
331	ELEC-2.6.1	Supply of 32A 240V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1 No	78.00
332	ELEC-2.6.2	Supply of 32A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1 No	97.00
333	ELEC-2.6.3	Supply of 63A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1 No	204.00
334	ELEC-2.6.4	Supply of 100A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1 No	381.00
335	ELEC-2.6.5	Supply of 200A 415V Porcelain Rewirable Fuse Units with extension strip of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1 No	702.00
336	ELEC-2.6.6	Supply of 300A 415V Porcelain Rewirable Fuse Units with extension strip of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1 No	931.00
	<b>2.7</b>	<b>VOLTAGE SURGE PROTECTORS</b>		
337	ELEC-2.7.1	Supply of 2 Pole 2 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1 No	6300.00
338	ELEC-2.7.2	Supply of 4 Pole 4 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1 No	11810.00
339	ELEC-2.7.3	Supply of 2 Pole 2 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1 No	5040.00
340	ELEC-2.7.4	Supply of 4 Pole 4 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1 No	9450.00
	<b>2.8</b>	<b>PANEL MOUNTING MCCBs/ ACBs (Thermal Magnetic Release)</b>		
341	ELEC-2.8.1	Supply of 63A / 60A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1 No	4770.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
342	ELEC-2.8.2	Supply of 125A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1 No	5665.00
343	ELEC-2.8.3	Supply of 250A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1 No	12620.00
344	ELEC-2.8.4	Supply of 400A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1 No	17080.00
345	ELEC-2.8.5	Supply of 63A / 60A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1 No	5365.00
346	ELEC-2.8.6	Supply of 125A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1 No	6850.00
347	ELEC-2.8.7	Supply of 250A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 35/36 KA with thermal magnetic release Panel Mounted of makes L&T (DN2-250N) / Schneider / Siemens / Hager	1 No	16390.00
348	ELEC-2.8.8	Supply of 400A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 50 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1 No	20636.00
349	ELEC-2.8.9	Supply of 63A / 60A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1 No	3330.00
350	ELEC-2.8.10	Supply of 125A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1 No	3785.00
351	ELEC-2.8.11	Supply of 250A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1 No	11670.00
352	ELEC-2.8.12	Supply of 63A / 60A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1 No	4463.00
353	ELEC-2.8.13	Supply of 125A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1 No	4978.00
354	ELEC-2.8.14	Supply of 250A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 36 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1 No	14180.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
355	ELEC-2.8.15	Supply of 400A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 50 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard. <b>PANEL MOUNTING ACBs (Microprocessor Based)</b>	1 No	18025.00
356	ELEC-2.8.16	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1 No	82240.00
357	ELEC-2.8.17	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1 No	102240.00
358	ELEC-2.8.18	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1 No	110070.00
359	ELEC-2.8.19	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1 No	136336.00
360	ELEC-2.8.20	Supply of 800A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1 No	115965.00
361	ELEC-2.8.21	Supply of 800A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1 No	143890.00
362	ELEC-2.8.22	Supply of 1000A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1 No	121874.00
363	ELEC-2.8.23	Supply of 1000A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1 No	153460.00
364	ELEC-2.8.24	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1 No	74015.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
365	ELEC-2.8.25	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1 No	92010.00
366	ELEC-2.8.26	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1 No	99065.00
367	ELEC-2.8.27	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1 No	122700.00
368	ELEC-2.8.28	Supply of 800A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault protection of makes ABB / Legrand / HPL / GE make.	1 No	104370.00
369	ELEC-2.8.29	Supply of 800A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processer based having over load, shot circuit and earth fault protection of makes ABB / Legrand / HPL / GE make.	1 No	129503.00
370	ELEC-2.8.30	Supply, instalation, testing and commisioning of 800 Amp, 50KA breaking capacity (100% Neutral busbar) air insulated compact Raising mains system made of CRCA sheet steel encloser of thickness not less than 1.5 mm having degree of protection of IP 55 as per 2127. wall strapas, fully PVC insulated four strip ALUMINIUM busbar in convinent sections including , end feed unit, end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. System,etc., Makes: Legrand / L&T / Seimens / Schiender / GE	1 Mtr	10494.00
371	ELEC-2.8.31	Supply and Fixing of Spring suspension hanger for rising Main for 400A / 800A Raising Mains. Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	4240.00
372	ELEC-2.8.32	Supply and Fixing of Suspension brackets for rising main for 400A / 800A Raising Mains Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	3673.00
373	ELEC-2.8.33	Supply and Fixing of 800 Amps Horizontal / Vertical bends Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	27402.00
374	ELEC-2.8.34	Supply and Fixing of Adopter box for 400A / 800A Raising Mains Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	11811.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
375	ELEC-2.8.35	Supply and Fixing of 800 Amps Copper Flexibles for three phases and neutral Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	36654.00
376	ELEC-2.8.36	Supply, instalation, testing and commisioning of 400 Amp, 50KA breaking capacity (100% Neutral busbar) air insulated compact Raising mains system made of CRCA sheet steel encloser of thickness not less than 1.5 mm having degree of protection of IP 55 as per 2127. wall strapes, fully PVC insulated four strip ALUMINIUM busbar in convinent sections including required end feed unit, end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. System,etc., Makes: Legrand / L&T / Seimens / Schiender / GE	1 Mtr	8200.00
377	ELEC-2.8.37	Supply and Fixing of 400 Amps Horizontal / Vertical bends Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	25790.00
378	ELEC-2.8.38	Supply and Fixing of 400 Amps Copper Flexibles for three phases and neutral Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	32165.00
379	ELEC-2.8.39	Supply and Fixing of 400 Amps Tap off box Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	35080.00
380	ELEC-2.8.40	Supply and Fixing of 250 Amps Tap off box Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	32755.00
381	ELEC-2.8.41	Supply and Fixing of 250 Amps TPN 36KA DPX250-ER MCCB for tap off boxes for power supply Makes: Legrand / L&T / Seimens / Schiender / GE	1 No	13050.00
	<b>2.9</b>	<b>MCBs (AS PER IS:60898-1:2002)</b>		
382	ELEC-2.9.1	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	158.00
383	ELEC-2.9.2	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	333.00
384	ELEC-2.9.3	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	469.00
385	ELEC-2.9.4	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	757.00
386	ELEC-2.9.5	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	752.00
387	ELEC-2.9.6	Supply of 40-63A 10KA TP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	1163.00
388	ELEC-2.9.7	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	1009.00
389	ELEC-2.9.8	Supply of 40-63A FP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1 No	1495.00
390	ELEC-2.9.9	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	128.00
391	ELEC-2.9.10	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	280.00
392	ELEC-2.9.11	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	403.00
393	ELEC-2.9.12	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	552.00
394	ELEC-2.9.13	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	644.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
395	ELEC-2.9.14	Supply of 40-63A 10KA TP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	893.00
396	ELEC-2.9.15	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	836.00
397	ELEC-2.9.16	Supply of 40 - 63A 10KA FP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	1121.00
398	ELEC-2.9.17	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	95.00
399	ELEC-2.9.18	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	174.00
400	ELEC-2.9.19	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	264.00
401	ELEC-2.9.20	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark C-Curve of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	394.00
402	ELEC-2.9.21	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	482.00
403	ELEC-2.9.22	Supply of 40 - 63A 10KA TP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	744.00
404	ELEC-2.9.23	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	620.00
405	ELEC-2.9.24	Supply of 40 - 63A 10KA FP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	876.00
	<b>2.10</b>	<b>ISOLATORS CONFIRMS TO I E C 60947 PART-III</b>		
406	ELEC-2.10.1	Supply of 32A DP Isolator of make Legrand / Schneider.	1 No	266.00
407	ELEC-2.10.2	Supply of 40A DP Isolator of make Legrand / Schneider.	1 No	289.00
408	ELEC-2.10.3	Supply of 63A DP Isolator of make Legrand / Schneider.	1 No	384.00
409	ELEC-2.10.4	Supply of 40A TP Isolator of make Legrand / Schneider.	1 No	491.00
410	ELEC-2.10.5	Supply of 63A TP Isolator of make Legrand / Schneider.	1 No	571.00
411	ELEC-2.10.6	Supply of 40A FP Isolator of make Legrand / Schneider.	1 No	641.00
412	ELEC-2.10.7	Supply of 63A FP Isolator of make Legrand / Schneider.	1 No	701.00
413	ELEC-2.10.8	Supply of 100A FP Isolator of make Legrand / Schneider.	1 No	753.00
414	ELEC-2.10.9	Supply of 32A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	250.00
415	ELEC-2.10.10	Supply of 40A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	263.00
416	ELEC-2.10.11	Supply of 63A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	324.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
417	ELEC-2.10.12	Supply of 40A TP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	461.00
418	ELEC-2.10.13	Supply of 63A TP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	465.00
419	ELEC-2.10.14	Supply of 40A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	534.00
420	ELEC-2.10.15	Supply of 63A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	578.00
421	ELEC-2.10.16	Supply of 100A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	723.00
422	ELEC-2.10.17	Supply of 32A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	169.00
423	ELEC-2.10.18	Supply of 40A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	203.00
424	ELEC-2.10.19	Supply of 63A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	272.00
425	ELEC-2.10.20	Supply of 40A TP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	302.00
426	ELEC-2.10.21	Supply of 63A TP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	337.00
427	ELEC-2.10.22	Supply of 40A FP Isolator of make Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	450.00
	<b>2.11</b>	<b>RCCBs CONFIRMS TO IEC:61008 AND IS:12640</b>		
428	ELEC-2.11.1	Supply of 40A 2 Pole RCCB 30mA, of makes Legrand / Schneider.	1 No	2126.00
429	ELEC-2.11.2	Supply of 63A 2 Pole RCCB 30mA, of makes Legrand / Schneider.	1 No	2598.00
430	ELEC-2.11.3	Supply of 40A 2 Pole RCCB 100mA, of makes Legrand / Schneider.	1 No	2283.00
431	ELEC-2.11.4	Supply of 63A 2 Pole RCCB 100mA, of makes Legrand / Schneider.	1 No	2622.00
432	ELEC-2.11.5	Supply of 40A 4 Pole RCCB 30mA, of makes Legrand / Schneider.	1 No	2339.00
433	ELEC-2.11.6	Supply of 63A 4 Pole RCCB 30mA, of makes Legrand / Schneider.	1 No	2768.00
434	ELEC-2.11.7	Supply of 40A 4 Pole RCCB 100mA, of makes Legrand / Schneider.	1 No	2469.00
435	ELEC-2.11.8	Supply of 63A 4 Pole RCCB 100mA, of makes Legrand / Schneider.	1 No	3150.00
436	ELEC-2.11.9	Supply of 40A 2 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	1694.00
437	ELEC-2.11.10	Supply of 63A 2 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2285.00
438	ELEC-2.11.11	Supply of 40A 2 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	1668.00
439	ELEC-2.11.12	Supply of 63A 2 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2189.00
440	ELEC-2.11.13	Supply of 40A 4 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2084.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
441	ELEC-2.11.14	Supply of 40A 4 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2377.00
442	ELEC-2.11.15	Supply of 40A 4 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2014.00
443	ELEC-2.11.16	Supply of 63A 4 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2320.00
444	ELEC-2.11.17	Supply of MCB type Change Over Switch 20A Double Pole 2 way 400V AC suitable to fix on Din Channel of makes Legrand / Schneider.	1 No	1480.00
	<b>2.12</b>	<b>MCB DISTRIBUTION BOARDS (AS PER IS:13032)</b>		
445	ELEC-2.12.1	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1 No	598.00
446	ELEC-2.12.2	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1 No	693.00
447	ELEC-2.12.3	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1 No	823.00
448	ELEC-2.12.4	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1 No	780.00
449	ELEC-2.12.5	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1 No	980.00
450	ELEC-2.12.6	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1 No	1185.00
451	ELEC-2.12.7	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	365.00
452	ELEC-2.12.8	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	477.00
453	ELEC-2.12.9	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	547.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
454	ELEC-2.12.10	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	630.00
455	ELEC-2.12.11	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	890.00
456	ELEC-2.12.12	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	1063.00
457	ELEC-2.12.13	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	258.00
458	ELEC-2.12.14	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	351.00
459	ELEC-2.12.15	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	431.00
460	ELEC-2.12.16	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	434.00
461	ELEC-2.12.17	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	595.00
462	ELEC-2.12.18	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	754.00
463	ELEC-2.12.19	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	1181.00
464	ELEC-2.12.20	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	1732.00
465	ELEC-2.12.21	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	3311.00
466	ELEC-2.12.22	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	1961.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
467	ELEC-2.12.23	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	2953.00
468	ELEC-2.12.24	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	4275.00
469	ELEC-2.12.25	Supply of 4 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	4035.00
470	ELEC-2.12.26	Supply of 8 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	4978.00
471	ELEC-2.12.27	Supply of 12 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1 No	7246.00
472	ELEC-2.12.28	Supply of 4 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Legrand / Schneider.	1 No	4760.00
473	ELEC-2.12.29	Supply of 6 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Legrand / Schneider.	1 No	5512.00
474	ELEC-2.12.30	Supply of 8 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Legrand / Schneider.	1 No	6118.00
475	ELEC-2.12.31	Supply of 12 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Legrand / Schneider.	1 No	7935.00
476	ELEC-2.12.32	Supply of 7 Segment 4 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 12 Nos SPMCB's as out going of makes Legrand / Schneider.	1 No	5118.00
477	ELEC-2.12.33	Supply of 7 Segment 8 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 24Nos SPMCB's as out going of makes Legrand / Schneider.	1 No	6142.00
478	ELEC-2.12.34	Supply of 4 Way VTPN DB suitable for accomodating 125A / 160A 4 Pole MCCB as incomer and 4 Nos TP MCBs as outgoing and with IP 43 Protection of makes Legrand / Schneider.	1 No	6176.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
479	ELEC-2.12.35	Supply of 8 Way VTPN DB suitable for accomodating 125A / 160A 4 Pole MCCB as incomer and 8 Nos TP MCBs as outgoing and with IP 43 Protection of makes Legrand / Schneider.	1 No	7735.00
480	ELEC-2.12.36	Supply of 20A SP Plug and Socket in SS enclosure of makes Legrand / Schneider.	1 No	709.00
481	ELEC-2.12.37	Supply of 20A TP Plug and Socket in SS enclosure of makes Legrand / Schneider.	1 No	1508.00
482	ELEC-2.12.38	Supply of 32A TP Plug and Socket in SS enclosure of makes Legrand / Schneider.	1 No	1801.00
483	ELEC-2.12.39	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	1220.00
484	ELEC-2.12.40	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	1732.00
485	ELEC-2.12.41	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2362.00
486	ELEC-2.12.42	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makesSiemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	1732.00
487	ELEC-2.12.43	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2756.00
488	ELEC-2.12.44	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	3937.00
489	ELEC-2.12.45	Supply of 4 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	2992.00
490	ELEC-2.12.46	Supply of 8 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	4134.00
491	ELEC-2.12.47	Supply of 12 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makesSiemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	5354.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
492	ELEC-2.12.48	Supply of 4 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	4409.00
493	ELEC-2.12.49	Supply of 6 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	5591.00
494	ELEC-2.12.50	Supply of 8 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	7165.00
495	ELEC-2.12.51	Supply of 12 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	3858.00
496	ELEC-2.12.52	Supply of 7 Segment 4 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 12 Nos SPMCB's as out going of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	4882.00
497	ELEC-2.12.53	Supply of 7 Segment 8 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 24Nos SPMCB's as out going of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1 No	535.00
498	ELEC-2.12.54	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	1004.00
499	ELEC-2.12.55	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	1394.00
500	ELEC-2.12.56	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	1732.00
501	ELEC-2.12.57	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	1299.00
502	ELEC-2.12.58	Supply of 6 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 18Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	1496.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
503	ELEC-2.12.59	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	1732.00
504	ELEC-2.12.60	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	2205.00
505	ELEC-2.12.61	Supply of 4 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 4 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	2126.00
506	ELEC-2.12.62	Supply of 6 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 6 Nos T.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	2756.00
507	ELEC-2.12.63	Supply of 8 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	3701.00
508	ELEC-2.12.64	Supply of 4 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 4 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	2126.00
509	ELEC-2.12.65	Supply of 8 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	3701.00
510	ELEC-2.12.66	Supply of 12 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	4961.00
511	ELEC-2.12.67	Supply of 20A SP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	465.00
512	ELEC-2.12.68	Supply of 20A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	728.00
513	ELEC-2.12.69	Supply of 32A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec / Sigma.	1 No	1024.00
514	ELEC-2.12.70	Supply of SP Enclosure with IP 20 Protection of makes Legrand / Schneider.	1 No	197.00
515	ELEC-2.12.71	Supply of DP/TP/FP Metal Enclosure with IP 20 Protection of makes Legrand / Schneider.	1 No	288.00

**SECTION - 3**  
**3.1 STREET LIGHT LUMINAIRES**

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
516	ELEC-3.1.1	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet aluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Wipro / G.E. / Phillips.	1 No	1102.00
517	ELEC-3.1.2	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet aluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Crompton / Bajaj / HPL / Surya / Havells / Pierlite.	1 No	1024.00
518	ELEC-3.1.3	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet aluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	866.00
519	ELEC-3.1.4	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya.	1 No	2857.00
520	ELEC-3.1.5	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite / Halonix.	1 No	2662.00
521	ELEC-3.1.6	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	2249.00
522	ELEC-3.1.7	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya.	1 No	4194.00
523	ELEC-3.1.8	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite / Halonix.	1 No	3699.00
524	ELEC-3.1.9	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	3479.00
525	ELEC-3.1.10	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya.	1 No	4818.00
526	ELEC-3.1.11	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite / Halonix.	1 No	4403.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
527	ELEC-3.1.12	Supply of 250W SV / MH Street light luminaire integral with pressure diecast alluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	3795.00
528	ELEC-3.1.13	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya.	1 No	4233.00
529	ELEC-3.1.14	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite.	1 No	3588.00
530	ELEC-3.1.15	Supply of 150W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	2952.00
531	ELEC-3.1.16	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya.	1 No	5506.00
532	ELEC-3.1.17	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite.	1 No	5065.00
533	ELEC-3.1.18	Supply of 250W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	4779.00
534	ELEC-3.1.19	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya.	1 No	5851.00
535	ELEC-3.1.20	Supply of 400W MH Flood light luminaire with integral weather proof diecast alluminium housing with IP66 protection with all standard accessories etc of makes HPL / Venture / Pierlite.	1 No	5209.00
536	ELEC-3.1.21	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells / Surya.	1 No	5937.00
537	ELEC-3.1.22	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Venture / Pierlite.	1 No	5354.00
538	ELEC-3.1.23	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	4779.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
539	ELEC-3.1.24	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1 No	11465.00
540	ELEC-3.1.25	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Pierlite.	1 No	10345.00
541	ELEC-3.1.26	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1 No	6625.00
542	ELEC-3.1.27	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Pierlite.	1 No	5770.00
543	ELEC-3.1.28	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	5045.00
544	ELEC-3.1.29	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1 No	12924.00
545	ELEC-3.1.30	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Pierlite.	1 No	11334.00
546	ELEC-3.1.31	Supply of 500W Hallozen Flood light luminaire with cast aluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1 No	560.00
547	ELEC-3.1.32	Supply of 500W Hallozen Flood light luminaire with cast aluminium housing and tough end glass cover with all standard accessories of makes HPL / Surya / Venture / Pierlite.	1 No	501.00
548	ELEC-3.1.33	Supply of 500W Hallozen Flood light luminaire with cast aluminium housing and tough end glass cover with all standard accessories of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	422.00
549	ELEC-3.1.34	Supply of 1000W Hallozen Flood light luminaire with cast aluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1 No	1313.00
550	ELEC-3.1.35	Supply of 1000W Hallozen Flood light luminaire with cast aluminium housing and tough end glass cover with all standard accessories of makes HPL / Surya / Venture / Pierlite.	1 No	1067.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
551	ELEC-3.1.36	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil / RK.	1 No	843.00
552	ELEC-3.1.37	Supply of 1 x 26W CFL well glass, low bay luminaire with die cast alluminium housing epoxy gray powder coated built in Electronic ballast with gink plated wire guard and eye bolt of make Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1 No	1772.00
	<b>3.2</b>	<b>POST TOP LANTERN LUMINAIRES</b>		
553	ELEC-3.2.1	Supply of 1 x 18W CFL integral post top luminaire with conical shape, opal clear acrylic diffuser with cast alluminium pole mounting capsule complete with all accessories and ballast of makes Crompton / Bajaj / Surya / Havells / HPL.	1 No	
554	ELEC-3.2.2	Supply of 70W SV / MH integral HID lamp post top lantern BJDPTI 70SV / MH LPF or its equivalent with diamond / Mushroom / Spherical diffuser etc complete with all accessories of makes Wipro / Phillips / Bajaj / Crompton / Surya / HPL / Pierlite / Havells.	1 No	
	<b>3.3</b>	<b>ACCESSORIES FOR MV / SV / MH LUMINAIRES</b>		
	<b>3.3</b>	<b>COPPER BALLASTS</b>		
555	ELEC-3.3.1	Supply of 80W MV copper ballast of makes G.E. / Phillips / Crompton / Bajaj / Surya / Havells / Venture / Pierlite.	1 No	558.00
556	ELEC-3.3.2	Supply of 80W MV copper ballast of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro.	1 No	506.00
557	ELEC-3.3.3	Supply of 125W MV copper ballast.of makes G.E. / Phillips / Crompton / Bajaj / Surya / Havells / Venture / Pierlite.	1 No	610.00
558	ELEC-3.3.4	Supply of 125W MV copper ballast.of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro.	1 No	513.00
559	ELEC-3.3.5	Supply of 70 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1 No	595.00
560	ELEC-3.3.6	Supply of 70 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	506.00
561	ELEC-3.3.7	Supply of 70 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro.	1 No	484.00
562	ELEC-3.3.8	Supply of 150 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1 No	931.00
563	ELEC-3.3.9	Supply of 150 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	791.00
564	ELEC-3.3.10	Supply of 150 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro.	1 No	710.00
565	ELEC-3.3.11	Supply of 250 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1 No	1339.00
566	ELEC-3.3.12	Supply of 250 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	1124.00
567	ELEC-3.3.13	Supply of 250 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro.	1 No	963.00
568	ELEC-3.3.14	Supply of 400 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1 No	1935.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
569	ELEC-3.3.15	Supply of 400 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	1645.00
570	ELEC-3.3.16	Supply of 400 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart / Mahitha Electro.	1 No	1335.00
571	ELEC-3.3.17	Supply of Ignitor for SV / MH Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	142.00
572	ELEC-3.3.18	Supply of 4 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells.	1 No	94.00
573	ELEC-3.3.19	Supply of 10 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells.	1 No	157.00
574	ELEC-3.3.20	Supply of 15 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells.	1 No	189.00
575	ELEC-3.3.21	Supply of 20 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells.	1 No	252.00
576	ELEC-3.3.22	Supply of 33 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells.	1 No	409.00
577	ELEC-3.3.23	Supply of 42 mfd HPF Capacitor of makes TIBCON / Phillips / Crompton / Bajaj / Surya / Havells.	1 No	456.00
		<b>ENERGY SAVING ELECTRONIC BALLAST FOR STREET LIGHT</b>		
578	ELEC-3.3.24	Supply of 70W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1 No	1929.00
579	ELEC-3.3.25	Supply of 150W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1 No	2638.00
580	ELEC-3.3.26	Supply of 250W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1 No	3307.00
581	ELEC-3.3.27	Supply of 400W SV / MH Electronic ballasthaving < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1 No	4252.00
		<b>BALLASTS FOR INDUCTION LAMPS</b>		
582	ELEC-3.3.28	Supply of 40W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1 No	3937.00
583	ELEC-3.3.29	Supply of 80W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1 No	4331.00
584	ELEC-3.3.30	Supply of 120W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1 No	5118.00
585	ELEC-3.3.31	Supply of 150W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1 No	5709.00
586	ELEC-3.3.32	Supply of 200W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1 No	6299.00
587	ELEC-3.3.33	Supply of 400W ballasts for Induction Lamp of Makes Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1 No	12598.00
	<b>3.4</b>	<b>LAMPS</b>		
588	ELEC-3.4.1	Supply of 500W Hallozen Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	85.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
589	ELEC-3.4.2	Supply of 500W Hallozen Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	63.00
590	ELEC-3.4.3	Supply of 500W Hallozen Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	47.00
591	ELEC-3.4.4	Supply of 1000W Hallozen Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	102.00
592	ELEC-3.4.5	Supply of 1000W Hallozen Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	79.00
593	ELEC-3.4.6	Supply of 1000W Hallozen Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	63.00
594	ELEC-3.4.7	Supply of 70W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	390.00
595	ELEC-3.4.8	Supply of 70W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	354.00
596	ELEC-3.4.9	Supply of 70W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	315.00
597	ELEC-3.4.10	Supply of 150W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	559.00
598	ELEC-3.4.11	Supply of 150W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	512.00
599	ELEC-3.4.12	Supply of 150W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	472.00
600	ELEC-3.4.13	Supply of 250W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	606.00
601	ELEC-3.4.14	Supply of 250W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	567.00
602	ELEC-3.4.15	Supply of 250W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	535.00
603	ELEC-3.4.16	Supply of 400W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	661.00
604	ELEC-3.4.17	Supply of 400W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1 No	630.00
605	ELEC-3.4.18	Supply of 400W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	614.00
606	ELEC-3.4.19	Supply of 70W double end MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	476.00
607	ELEC-3.4.20	Supply of 70W double end MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	457.00
608	ELEC-3.4.21	Supply of 70W double end MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	417.00
609	ELEC-3.4.22	Supply of 150W double end MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	709.00
610	ELEC-3.4.23	Supply of 150W double end MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	669.00
611	ELEC-3.4.24	Supply of 150W double end MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	630.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
612	ELEC-3.4.25	Supply of 70W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	701.00
613	ELEC-3.4.26	Supply of 70W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	669.00
614	ELEC-3.4.27	Supply of 150W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	780.00
615	ELEC-3.4.28	Supply of 150W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	748.00
616	ELEC-3.4.29	Supply of 150W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	709.00
617	ELEC-3.4.30	Supply of 250W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	1063.00
618	ELEC-3.4.31	Supply of 250W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	945.00
619	ELEC-3.4.32	Supply of 250W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	866.00
620	ELEC-3.4.33	Supply of 400W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	1213.00
621	ELEC-3.4.34	Supply of 400W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	1142.00
622	ELEC-3.4.35	Supply of 400W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	1102.00
623	ELEC-3.4.36	Supply of 80W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	142.00
624	ELEC-3.4.37	Supply of 80W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	126.00
625	ELEC-3.4.38	Supply of 80W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	110.00
626	ELEC-3.4.39	Supply of 125W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	150.00
627	ELEC-3.4.40	Supply of 125W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	134.00
628	ELEC-3.4.41	Supply of 125W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	118.00
629	ELEC-3.4.42	Supply of 250W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	354.00
630	ELEC-3.4.43	Supply of 250W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	331.00
631	ELEC-3.4.44	Supply of 250W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	315.00
632	ELEC-3.4.45	Supply of 400W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1 No	504.00
633	ELEC-3.4.46	Supply of 400W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1 No	488.00
634	ELEC-3.4.47	Supply of 400W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	472.00
	<b>3.5</b>	<b>NATURE SWITCHES</b>		
635	ELEC-3.5.1	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 3 KW of single phase load.	1 No	9343.00
636	ELEC-3.5.2	Supply of Swadeep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of single phase load.	1 No	9803.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
637	ELEC-3.5.3	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of single phase load.	1 No	11183.00
638	ELEC-3.5.4	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of Three phase load.	1 No	11183.00
639	ELEC-3.5.5	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of Three phase load.	1 No	12103.00
640	ELEC-3.5.6	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 12 KW of Three phase load.	1 No	15341.00
	<b>3.6</b>	<b>INTERNAL LUMINAIRES</b>		
641	ELEC-3.6.1	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes G.E. / Phillips / Crompton / Bajaj.	1 No	534.00
642	ELEC-3.6.2	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Surya / Havells / HPL / Fortune Art	1 No	455.00
643	ELEC-3.6.3	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells / HPL.	1 No	472.00
644	ELEC-3.6.4	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E. / Phillips / Crompton / Bajaj .	1 No	640.00
645	ELEC-3.6.5	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Surya / Havells / HPL / Fortune Art	1 No	603.00
646	ELEC-3.6.6	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	962.00
647	ELEC-3.6.7	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Surya / Havells / HPL / Fortune Art	1 No	924.00
648	ELEC-3.6.8	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells / HPL.	1 No	215.00
649	ELEC-3.6.9	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Elton / RK / Million / Gold Medal / Vimal / Akhil.	1 No	182.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
650	ELEC-3.6.10	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton.	1 No	2042.00
651	ELEC-3.6.11	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast, of makes Bajaj / Surya / HPL / Havells.	1 No	1866.00
652	ELEC-3.6.12	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	3321.00
653	ELEC-3.6.13	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Surya / Havells / HPL / Pierlite.	1 No	2635.00
654	ELEC-3.6.14	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	2952.00
655	ELEC-3.6.15	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Surya / Havells / Trinic / HPL / Pierlite.	1 No	2284.00
656	ELEC-3.6.16	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	707.00
657	ELEC-3.6.17	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art.	1 No	597.00
658	ELEC-3.6.18	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	840.00
659	ELEC-3.6.19	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art.	1 No	796.00
660	ELEC-3.6.20	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	904.00
661	ELEC-3.6.21	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art.	1 No	813.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
662	ELEC-3.6.22	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	1159.00
663	ELEC-3.6.23	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art.	1 No	1061.00
664	ELEC-3.6.24	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	583.00
665	ELEC-3.6.25	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer of make Pierlite / Surya / Havells / HPL / Fortune Art.	1 No	525.00
666	ELEC-3.6.26	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	770.00
667	ELEC-3.6.27	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Surya / Havells.	1 No	691.00
668	ELEC-3.6.28	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	110.00
669	ELEC-3.6.29	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Surya / Havells / HPL / Fortune Art.	1 No	99.00
670	ELEC-3.6.30	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1 No	87.00
671	ELEC-3.6.31	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	110.00
672	ELEC-3.6.32	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Surya / Havells / HPL / Fortune Art.	1 No	94.00
673	ELEC-3.6.33	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1 No	87.00
674	ELEC-3.6.34	Supply of 20W Copper Wound Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	142.00
675	ELEC-3.6.35	Supply of 20W Copper Wound Ballast of makes Surya / Havells / HPL / Fortune Art	1 No	126.00
676	ELEC-3.6.36	Supply of 20W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal.	1 No	115.00
677	ELEC-3.6.37	Supply of 40W Copper Wound Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	142.00
678	ELEC-3.6.38	Supply of 40W Copper Wound Ballast of makes Surya / Havells / HPL / Fortune Art	1 No	126.00
679	ELEC-3.6.39	Supply of 40W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal.	1 No	114.00
680	ELEC-3.6.40	Supply of 18/20W VPIT Ballast Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	142.00
681	ELEC-3.6.41	Supply of 18/20W VPIT Ballast Surya / Havells / HPL / Fortune Art	1 No	126.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
682	ELEC-3.6.42	Supply of 18/20W VPIT Ballast Elton / RK / Style Lamp / Mahita Electro / Capart	1 No	114.00
683	ELEC-3.6.43	Supply of 36/40W VPIT Ballast Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	165.00
684	ELEC-3.6.44	Supply of 36/40W VPIT Ballast Surya / Havells / HPL / Fortune Art	1 No	142.00
685	ELEC-3.6.45	Supply of 36/40W VPIT Ballast Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1 No	134.00
686	ELEC-3.6.46	Supply of 40W Starter of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	8.70
687	ELEC-3.6.47	Supply of 40W Starter of makes Surya / Havells / HPL / Fortune Art	1 No	7.10
688	ELEC-3.6.48	Supply of 40W Starter of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1 No	6.30
689	ELEC-3.6.49	Supply of Rotor holder(FTL) of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	16.50
690	ELEC-3.6.50	Supply of Rotor holder(FTL) of makes Surya / Havells / HPL / Fortune Art	1 No	15.00
691	ELEC-3.6.51	Supply of Rotor holder(FTL) of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1 No	13.40
692	ELEC-3.6.52	Supply of HID Lamp holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	41.70
693	ELEC-3.6.53	Supply of HID Lamp holder of makes Surya / Havells / HPL / Fortune Art	1 No	37.80
694	ELEC-3.6.54	Supply of HID Lamp holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1 No	33.10
695	ELEC-3.6.55	Supply of CFL holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	25.20
696	ELEC-3.6.56	Supply of CFL holder of makes Surya / Havells / HPL / Fortune Art	1 No	21.30
697	ELEC-3.6.57	Supply of CFL holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1 No	19.70
698	ELEC-3.6.58	Supply of FTL Starter holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	11.80
699	ELEC-3.6.59	Supply of FTL Starter holder of makes Surya / Havells.	1 No	10.20
700	ELEC-3.6.60	Supply of FTL Starter holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1 No	9.40
701	ELEC-3.6.61	Supply of 36W Electronic Ballast with total harmonic distortion is less than 10% for FTL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	546.00
702	ELEC-3.6.62	Supply of 36W Electronic Ballast with total harmonic distortion is less than 10% for FTL of makes Surya / HPL / Havells.	1 No	483.00
703	ELEC-3.6.63	Supply of 36W Electronic ballast with power factor greater than 0.9 to 0.95 suitable for FTL. Make : Crompton Model No.EBN 136D / Bajaj Model No.BJHF 136 / Havells LHBF 27904025 or its equivalent.	1 No	217.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
704	ELEC-3.6.64	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with Reflector and Electronic ballast and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1 No	1272.00
705	ELEC-3.6.65	Supply of 4 x 14W TL 5 high efficiency recessed luminaire, epoxy powder coated CRCA sheet steel housing, low glare with electronic ballast including cost of lamps etc., complete. Makes: Phillips Model No.sereno-TBS 869 / Bajaj Model No.BTMRA 414 CAT II / Crompton Model No.CRTL414EB/S.	1 No	3763.00
706	ELEC-3.6.66	Supply of 1 x 28W surface pendent mounting T5 Luminaire Box type with CRCA housing with Electronic Ballast and all standard accessories of makes Phillips / Crompton / Bajaj / Surya / Havells.	1 No	748.00
707	ELEC-3.6.67	Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded aluminium luminaire with Electronic Ballast and all standard accessories of makes Phillips / Crompton / Bajaj / Surya / Havells.	1 No	479.00
	<b>3.7</b>	<b>FLOURSCENT TUBES / CFL LAMPS / LED BULBS</b>		
708	ELEC-3.7.1	Supply of 40W-60W Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj / Surya.	1 No	9.40
709	ELEC-3.7.2	Supply of 40W-60W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1 No	7.90
710	ELEC-3.7.3	Supply of Night Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	8.70
711	ELEC-3.7.4	Supply of 18/20W fluorescent tube of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	32.30
712	ELEC-3.7.5	Supply of 18/20W fluorescent tube of makes Surya / Havells / HPL / Fortune Art	1 No	30.70
713	ELEC-3.7.6	Supply of 18/20W fluorescent tube of makes Elton / Style tube / Mahita Electro / Capart	1 No	29.90
714	ELEC-3.7.7	Supply of 36/40W fluorescent tube of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	35.40
715	ELEC-3.7.8	Supply of 36/40W fluorescent tube of makes Surya / Havells / HPL / Fortune Art	1 No	31.50
716	ELEC-3.7.9	Supply of 36/40W fluorescent tube of makes Elton / Style tube / Mahita Electro / Capart	1 No	29.90
717	ELEC-3.7.10	Supply of 28W T5 fluorescent tube of makes Crompton / Bajaj / Phillips / Surya / Havells.	1 No	94.00
718	ELEC-3.7.11	Supply of 9W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	59.00
719	ELEC-3.7.12	Supply of 9W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	55.00
720	ELEC-3.7.13	Supply of 11W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	63.00
721	ELEC-3.7.14	Supply of 11W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	59.00
722	ELEC-3.7.15	Supply of 13W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	83.00
723	ELEC-3.7.16	Supply of 13W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	79.00
724	ELEC-3.7.17	Supply of 18W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	91.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
725	ELEC-3.7.18	Supply of 18W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	87.00
726	ELEC-3.7.19	Supply of 26W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	126.00
727	ELEC-3.7.20	Supply of 26W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	118.00
728	ELEC-3.7.21	Supply of 36W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	106.00
729	ELEC-3.7.22	Supply of 36W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	102.00
730	ELEC-3.7.23	Supply of up to 5W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	91.00
731	ELEC-3.7.24	Supply of up to 5W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	87.00
732	ELEC-3.7.25	Supply of up to 8W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	98.00
733	ELEC-3.7.26	Supply of up to 8W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	94.00
734	ELEC-3.7.27	Supply of up to 10/11W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	106.00
735	ELEC-3.7.28	Supply of up to 10/11W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	102.00
736	ELEC-3.7.29	Supply of up to 13/14W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	87.00
737	ELEC-3.7.30	Supply of up to 13/14W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	79.00
738	ELEC-3.7.31	Supply of 15W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	142.00
739	ELEC-3.7.32	Supply of 15W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	118.00
740	ELEC-3.7.33	Supply of up to 18/20W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	134.00
741	ELEC-3.7.34	Supply of up to 18/20W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	118.00
742	ELEC-3.7.35	Supply of 23W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	157.00
743	ELEC-3.7.36	Supply of 23/25W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	142.00
744	ELEC-3.7.37	Supply of up to 25/26W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	157.00
745	ELEC-3.7.38	Supply of up to 25/26W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	142.00
746	ELEC-3.7.39	Supply of up to 9 W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	79.00
747	ELEC-3.7.40	Supply of up to 9 W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	63.00
748	ELEC-3.7.41	Supply of up to 11W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	87.00
749	ELEC-3.7.42	Supply of up to 11W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	63.00
750	ELEC-3.7.43	Supply of up to 13W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	102.00
751	ELEC-3.7.44	Supply of up to 13W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	91.00
752	ELEC-3.7.45	Supply of up to 18W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1 No	98.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
753	ELEC-3.7.46	Supply of up to 18W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art / Halonix.	1 No	87.00
754	ELEC-3.7.47	Supply of 0.5W LED Lamp with input voltage 90 to 300V, Colour temperature 3000k - 6500k, Beam angle 170 - 220 degrees, B22 base, 40 Lumens of Makes: Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells / Halonix		66.00
755	ELEC-3.7.48	Supply of 3.0W LED Lamp with input voltage 90 to 300V, Colour temperature 3000k - 6500k, Beam angle 170 - 220 degrees, B22 base, 210 Lumens of Makes: Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells / Halonix		289.00
756	ELEC-3.7.49	Supply of 5.0W LED Lamp with input voltage 90 to 300V, Colour temperature 3000k - 6500k, Beam angle 170 - 220 degrees, B22 base, 350 Lumens of Makes: Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells / Halonix		350.00
757	ELEC-3.7.50	Supply of 7.0W LED Lamp with input voltage 90 to 300V, Colour temperature 3000k - 6500k, Beam angle 170 - 220 degrees, B22 base, 490 Lumens of Makes: Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells / Halonix		408.00
758	ELEC-3.7.51	Supply of LED Candel Lamp for shandliers of Makes: Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells / Halonix		350.00
	<b>3.8</b>	<b>ENERGY CONSERVING FIXTURES</b>		
759	ELEC-3.8.1	Supply of 1 x 28W Patty type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Trinic or its equivalent.	1 No	
760	ELEC-3.8.2	Supply of 1 x 28W Box type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Trinic or its equivalent.	1 No	
761	ELEC-3.8.3	Supply of Recessed mounted mirror optic luminaire with paralite louvers (P5) suitable for 2 x 36W CFL lamps. Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per the IS Specification with auto cut off at High Voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Trinic or its equivalent.	1 No	
762	ELEC-3.8.4	Supply of 28 W Electronic Ballast with less than 10% total harmonic distortion and auto cut off at High Voltage suitable for FTL with 5 years guarantee for luminaire. Makes: Trinic or its equivalent.	1 No	

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
	<b>3.9</b>	<b>LED LUMINAIRES INDOOR</b>		
763	ELEC-3.9.1	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 with high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	1682.00
764	ELEC-3.9.2	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 with high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / Capart / SEMTRONICS / Syska. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	1346.00
765	ELEC-3.9.3	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 with high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	2277.00
766	ELEC-3.9.4	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 with high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / Capart / SEMTRONICS / Syska. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	1802.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
767	ELEC-3.9.5	Supply and Transportation of 12W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 with high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	2890.00
768	ELEC-3.9.6	Supply and Transportation of 12W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 with high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Syska. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	2374.00
769	ELEC-3.9.7	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	3740.00
770	ELEC-3.9.8	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 with high power LED's having efficacy of > 120 lumens/watt etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Syska. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	2704.00
771	ELEC-3.9.9	Supply and transportation of 18W, 1600 lumens, 1200mm length LED retrofit tube light, input voltage AC 220 - 260 Volts with >0.9 PF with inbuilt driver and frosted cover etc., complete with 3 years warranty. Makes:Phillips / GE / Crompton / VIN / Bajaj.	1 No	1595.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
772	ELEC-3.9.10	Supply and transportation of 18W 1200mm length, 1600 lumens, LED retrofit tube light, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc., complete with 3 years warranty. Makes:Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Syska.	1 No	1296.00
773	ELEC-3.9.11	Supply and transportation of 18W, 1700 lumens, 1200mm length, T5 LED tube light fitting, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc., complete with 3 years warranty. Makes:Phillips / GE / Crompton / VIN / Bajaj.	1 No	1707.00
774	ELEC-3.9.12	Supply and transportation of 18W, 1700 lumens, 1200mm length, T5 LED tube light fitting, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc., complete with 3 years warranty. Makes:Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Syska.	1 No	1319.00
775	ELEC-3.9.13	Supply and Transportation of 36W Recessed / Surface slim LED panel of 600mm x 600mm made of aluminium body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 120 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	6331.00
776	ELEC-3.9.14	Supply and Transportation of 36W Recessed / Surface slim LED panel of 600mm x 600mm made of aluminium body with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 120 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Syska. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	5627.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
777	ELEC-3.9.15	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of CRCA sheet housing with powder coated with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 120 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Phillips / OSRAM / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	6492.00
778	ELEC-3.9.16	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of CRCA sheet housing with powder coated with acrylic diffuser, Constant current out put of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 120 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc., complete with 3 years warranty. a) LUMINAIRE MAKE : Halonix / Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Syska. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	5367.00
779	ELEC-3.9.17	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of pressure diecast aluminium housing body with extended heat sink and moulded diffuser, high efficiency and low power loss driver, Power factor > 0.9 high power LEDs having efficacy of > 120 lumens/watt, rated life of 50000 hours etc., complete with 3 years warranty GE make Mapple series or its equivalent. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1 No	7650.00
780	ELEC-3.9.18	Supply and transportation of 6W to 9W LED Drivers	1 No	412.00
781	ELEC-3.9.19	Supply and transportation of 12W to 18W LED Drivers	1 No	618.00

#### LED STREET LIGHTS

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

Supply and transportation of ..... LED Street light Luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 120 lumines/watt and junction temperature < 85 degree centegrade of IP 65 with optics, total harmonic distortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete with 5 years warranty.

a) LUMINAIRE MAKE : PHILIPS / OSRAM / GE / VIN / CROMPTON / BAJAJ.

b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.

782	ELEC-3.9.20	20W	1 No	7805.00
783	ELEC-3.9.21	30W	1 No	11884.00
784	ELEC-3.9.22	60W	1 No	16488.00
785	ELEC-3.9.23	90W	1 No	21641.00
786	ELEC-3.9.24	120W	1 No	30760.00
787	ELEC-3.9.25	180W	1 No	40396.00
788	ELEC-3.9.26	210W	1 No	45342.00
789	ELEC-3.9.27	240W	1 No	50289.00
790	ELEC-3.9.28	270W	1 No	55235.00

Supply and transportation of ..... LED Street light Luminaire made of pressure diecast aluminium body with powder coated, having toughened glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 120 lumines/watt and junction temperature < 85 degree centegrade of IP 65 with optics, total harmonic distortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete with 5 years warranty.

a) LUMINAIRE MAKE : SURYA / MIC / BLU / KRIPA LIGHTS / FORTUNE ART / CAPART / SEMTRONICS / SYSKA.

b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.

791	ELEC-3.9.29	20W	1 No	5935.00
792	ELEC-3.9.30	30W	1 No	7791.00
793	ELEC-3.9.31	60W	1 No	11253.00
794	ELEC-3.9.32	90W	1 No	17890.00

### 3.10 INDUCTION LUMINARIES



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
		Supply and Transportation of Induction Type street light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection including Induction lamp and ballast etc., Complete with 5 years warranty. Make: Crompton / Bajaj / Surya.		
795	ELEC-3.10.1	40W	1 No	13790.00
796	ELEC-3.10.2	80W	1 No	15553.00
797	ELEC-3.10.3	120W	1 No	17626.00
798	ELEC-3.10.4	150W	1 No	19183.00
799	ELEC-3.10.5	200W	1 No	22638.00
		Supply and Transportation of Induction Type street light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection including Induction lamp and ballast etc., Complete with 5 years warranty. Make: LVD RAES / Billion Light / Fortune Art / Synergy Solutions.		
800	ELEC-3.10.6	40W	1 No	11991.00
801	ELEC-3.10.7	80W	1 No	13524.00
802	ELEC-3.10.8	120W	1 No	15327.00
803	ELEC-3.10.9	150W	1 No	16681.00
804	ELEC-3.10.10	200W	1 No	19685.00
		Supply and Transportation of Induction Type Flood light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection of including Induction lamp and ballast etc., Complete with 5 years warranty. Make: Crompton / Bajaj / Surya.		
805	ELEC-3.10.11	40W	1 No	14796.00
806	ELEC-3.10.12	80W	1 No	16571.00
807	ELEC-3.10.13	120W	1 No	18654.00
808	ELEC-3.10.14	150W	1 No	20193.00
809	ELEC-3.10.15	200W	1 No	21732.00
810	ELEC-3.10.16	2 x 200W	1 No	41472.00
		Supply and Transportation of Induction Type Flood light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection of including Induction lamp and ballast etc., Complete with 5 years warranty. Make: LVD RAES / Billion Light / Fortune Art / Synergy Solutions.		
811	ELEC-3.10.17	40W	1 No	12866.00
812	ELEC-3.10.18	80W	1 No	14409.00
813	ELEC-3.10.19	120W	1 No	16220.00
814	ELEC-3.10.20	150W	1 No	17559.00
815	ELEC-3.10.21	200W	1 No	18898.00
816	ELEC-3.10.22	2 x 200W	1 No	36063.00
		Supply and Transportation of Induction Type suspended type decorative high bay luminaire with polycarbonate refractor, decorative integral die cast aluminium housing with heat shrinks including Induction lamp and ballast etc., Complete with 5 years warranty. Make: Crompton / Bajaj / Surya.		
817	ELEC-3.10.23	80W	1 No	14035.00
818	ELEC-3.10.24	120W	1 No	15846.00
819	ELEC-3.10.25	150W	1 No	17657.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

Supply and Transportation of Induction Type suspended type decorative high bay luminaire with polycarbonate refractor, decorative integral die cast aluminium housing with heat shrinks including Induction lamp and ballast etc., Complete with 5 years warranty. Make: LVD RAES / Billion Light / Fortune Art / Synergy Solutions.

820	ELEC-3.10.40	80W	1 No	12205.00
821	ELEC-3.10.41	120W	1 No	13780.00
822	ELEC-3.10.42	150W	1 No	15354.00

#### SECTION - 4

##### 4.1 U.G. CABLES

823	ELEC-4.1.1	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	78.00
824	ELEC-4.1.2	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	66.00
825	ELEC-4.1.3	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	63.00
826	ELEC-4.1.4	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	92.00
827	ELEC-4.1.5	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	79.00
828	ELEC-4.1.6	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	74.00
829	ELEC-4.1.7	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	110.00
830	ELEC-4.1.8	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	95.00
831	ELEC-4.1.9	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	89.00
832	ELEC-4.1.10	Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	111.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
833	ELEC-4.1.11	Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	95.00
834	ELEC-4.1.12	Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	89.00
835	ELEC-4.1.13	Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	125.00
836	ELEC-4.1.14	Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	109.00
837	ELEC-4.1.15	Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	100.00
838	ELEC-4.1.16	Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	138.00
839	ELEC-4.1.17	Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	119.00
840	ELEC-4.1.18	Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	111.00
841	ELEC-4.1.19	Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	176.00
842	ELEC-4.1.20	Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	153.00
843	ELEC-4.1.21	Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	141.00
844	ELEC-4.1.22	Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	210.00
845	ELEC-4.1.23	Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	180.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
846	ELEC-4.1.24	Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	168.00
847	ELEC-4.1.25	Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	277.00
848	ELEC-4.1.26	Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	238.00
849	ELEC-4.1.27	Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	222.00
850	ELEC-4.1.28	Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	358.00
851	ELEC-4.1.29	Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	309.00
852	ELEC-4.1.30	Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	287.00
853	ELEC-4.1.31	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	466.00
854	ELEC-4.1.32	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	402.00
855	ELEC-4.1.33	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	374.00
856	ELEC-4.1.34	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	569.00
857	ELEC-4.1.35	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	493.00
858	ELEC-4.1.36	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab.	1 Mtr	457.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
859	ELEC-4.1.37	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	649.00
860	ELEC-4.1.38	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1 Mtr	560.00
861	ELEC-4.1.39	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal.	1 Mtr	522.00
862	ELEC-4.1.40	Supply of 185 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	795.00
863	ELEC-4.1.41	Supply of 185 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1 Mtr	686.00
864	ELEC-4.1.42	Supply of 240 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	1009.00
865	ELEC-4.1.43	Supply of 240 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1 Mtr	871.00
866	ELEC-4.1.44	Supply of 300 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	1233.00
867	ELEC-4.1.45	Supply of 300 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1 Mtr	1065.00
868	ELEC-4.1.46	Supply of 400 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1 Mtr	1545.00
869	ELEC-4.1.47	Supply of 400 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1 Mtr	1334.00
		<b>11 KV H.T. XLPE CABLES</b>		
870	ELEC-4.1.48	Supply of 3 Core 11 KV 35 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab.	1 No	513.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
871	ELEC-4.1.49	Supply of 3 Core 11 KV 50 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1 No	581.00
872	ELEC-4.1.50	Supply of 3 Core 11 KV 70 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1 No	694.00
873	ELEC-4.1.51	Supply of 3 Core 11 KV 95 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1 No	827.00
874	ELEC-4.1.52	Supply of 3 Core 11 KV 120 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1 No	940.00
875	ELEC-4.1.53	Supply of 3 Core 11 KV 150 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1 No	1062.00
876	ELEC-4.1.54	Supply of 3 Core 11 KV 185 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1 No	1255.00
	<b>4.2</b>	<b>CABLE GLANDS</b>		
877	ELEC-4.2.1	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 185Sqmm with brass washers complete.	1 No	257.00
878	ELEC-4.2.2	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 240Sqmm with brass washers complete.	1 No	387.00
879	ELEC-4.2.3	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 300Sqmm with brass washers complete.	1 No	455.00
880	ELEC-4.2.4	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 400Sqmm with brass washers complete.	1 No	515.00
881	ELEC-4.2.5	Supply and Fixing of single compression brass cable glands for 4 core XLPE armoured cable up to 16.0 Sq.mm with brass washers complete.	1 No	74.00
882	ELEC-4.2.6	Supply and Fixing of single compression brass cable glands for 3.5 core XLPE armoured cable from 25 Sqmm to 50.0 Sq.mm with brass washers complete.	1 No	109.00
883	ELEC-4.2.7	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable from 70 Sqmm to 150.0 Sq.mm with brass washers complete.	1 No	208.00
	<b>4.3</b>	<b>LUGS</b>		
884	ELEC-4.3.1	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections.	1 No	17.00
885	ELEC-4.3.2	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections.	1 No	24.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
886	ELEC-4.3.3	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections.	1 No	26.00
887	ELEC-4.3.4	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections.	1 No	31.00
888	ELEC-4.3.5	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections.	1 No	43.00
889	ELEC-4.3.6	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections.	1 No	51.00
890	ELEC-4.3.7	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections.	1 No	69.00
891	ELEC-4.3.8	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections.	1 No	82.00
892	ELEC-4.3.9	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections.	1 No	117.00
893	ELEC-4.3.10	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections.	1 No	169.00
894	ELEC-4.3.11	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 300 Sq.mm including nuts and bolts with connections.	1 No	224.00
895	ELEC-4.3.12	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections.	1 No	329.00
896	ELEC-4.3.13	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections.	1 No	9.00
897	ELEC-4.3.14	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections.	1 No	11.00
898	ELEC-4.3.15	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections.	1 No	13.00
899	ELEC-4.3.16	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections.	1 No	16.00
900	ELEC-4.3.17	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections.	1 No	20.00
901	ELEC-4.3.18	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections.	1 No	21.00
902	ELEC-4.3.19	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections.	1 No	28.00
903	ELEC-4.3.20	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections.	1 No	31.00
904	ELEC-4.3.21	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections.	1 No	36.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
905	ELEC-4.3.22	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections.	1 No	56.00
906	ELEC-4.3.23	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 300 Sq.mm including nuts and bolts with connections.	1 No	72.00
907	ELEC-4.3.24	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections.	1 No	94.00
	<b>4.4</b>	<b>HEAT SHRINKABLE LT CABLE JOINTS</b>		
908	ELEC-4.4.1	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 10 to 16 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1 No	1024.00
909	ELEC-4.4.2	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 25 to 50 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1 No	1217.00
910	ELEC-4.4.3	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 70 to 185 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1 No	1756.00
911	ELEC-4.4.4	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 240 to 300 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1 No	3150.00
912	ELEC-4.4.5	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 400 Sqmm. Makes: Raychem / M Seal / Denson / Multy.	1 No	4272.00
		<b>3 CORE 11 KV HT CABLE STRAIGHT THROUGH JOINTS</b>		
913	ELEC-4.4.6	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 16 to 35Sqmm.Makes Raychem / M Seal / Denson / Multy.	1 No	11866.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
914	ELEC-4.4.7	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 50 to 95Sqmm.Makes Raychem / M Seal / Denson / Multy.	1 No	14248.00
915	ELEC-4.4.8	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 120 to 185Sqmm.Makes Raychem / M Seal / Denson / Multy.	1 No	18124.00
		<b>HT END TERMINATION KITS</b>		
916	ELEC-4.4.9	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1 No	6465.00
917	ELEC-4.4.10	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1 No	6552.00
918	ELEC-4.4.11	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1 No	7028.00
919	ELEC-4.4.12	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1 No	9805.00
920	ELEC-4.4.13	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1 No	9891.00
921	ELEC-4.4.14	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1 No	10827.00
	<b>4.5</b>	<b>DOUBLE WALLED CORRUGATED HDPE PIPE</b>		
922	ELEC-4.5.1	Supply and Transportation of Outer dia 50mm and Inner dia 38mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	83.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
923	ELEC-4.5.2	Supply and Transportation of Outer dia 63mm and Inner dia 51mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	106.00
924	ELEC-4.5.3	Supply and Transportation of Outer dia 78mm and Inner dia 63mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	129.00
925	ELEC-4.5.4	Supply and Transportation of Outer dia 90mm and Inner dia 76mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	139.00
926	ELEC-4.5.5	Supply and Transportation of Outer dia 120mm and Inner dia 103.50mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	216.00
927	ELEC-4.5.6	Supply and Transportation of Outer dia 160mm and Inner dia 136mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	320.00
928	ELEC-4.5.7	Supply and Transportation of Outer dia 180mm and Inner dia 152mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	420.00
929	ELEC-4.5.8	Supply and Transportation of Outer dia 200mm and Inner dia 170mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1 Mtr	490.00
	<b>4.6</b>	<b>CABLE TRAYS</b>		
930	ELEC-4.6.1	Supply and Installation of 600mm x 75mm x 2mm thick hot dip GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1 Mtr	1024.00
931	ELEC-4.6.2	Supply and Installation of 600mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1 Mtr	756.00
932	ELEC-4.6.3	Supply and Installation of 450mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1 Mtr	665.00
933	ELEC-4.6.4	Supply and Installation of 300mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1 Mtr	571.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
934	ELEC-4.6.5	Supply and Installation of 150mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1 Mtr	315.00
935	ELEC-4.6.6	Supply and Installation of 150mm x 50mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1 Mtr	157.00
936	ELEC-4.6.7	Supply and Installation of 300mm x 50mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1 Mtr	236.00
937	ELEC-4.6.8	Supply and Installation of 600mm x 75mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete. Note: Perforated cable trays provided without cover 30% may be deducted from above rates.	1 Mtr	433.00
	<b>5.1</b>	<b>SECTION - 5</b>		
		<b>FANS</b>		
938	ELEC-5.1.1	Supply of 48" (1200mm) Sweep <b>ISI mark</b> Ceiling Fan as per IS 374 - 1979 and, with double ball bearings but without Regulator of makes Crompton / Bajaj Kassels 50 / Usha atom	1 No	1420.00
939	ELEC-5.1.2	Supply of 48" (1200mm) Sweep <b>ISI mark</b> as per IS 374 - 1979 and <b>5 Star rated</b> Ceiling Fan, with double ball bearings but without Regulator of makes Crompton High Speed Plus / Bajaj Electra 50 / Orient Energy Star / Havells ES 50.	1 No	1620.00
940	ELEC-5.1.3	Supply of 48" (1200mm) Sweep <b>5 Star rated</b> Ceiling Fan without Regulator of makes Crompton High Speed Decora / Bajaj Regal star / Havells Fusion 50 / Orient Summer Crown / Usha technix decorative	1 No	1795.00
941	ELEC-5.1.4	Supply of 56" (1400mm) Sweep <b>ISI mark</b> Ceiling Fan as per IS 374 - 1979 and, with double ball bearings but without Regulator of makes Crompton / Bajaj Kassels 50 / Usha atom	1 No	1490.00
942	ELEC-5.1.5	Supply of 56" (1400mm) Sweep <b>4/5 Star rated</b> Ceiling Fan without Regulator of makes Crompton / Bajaj Elegance Star / Usha / Havells.	1 No	1920.00
943	ELEC-5.1.6	Supply of 16" (400mm) Wall mounted Fan of makes Crompton SDX Gold / Bajaj Elite / Havells Swing Premia gold / Usha / Orient Wall 43.	1 No	2090.00
944	ELEC-5.1.7	Supply of 16" (400mm) Pedestal Fan of makes Crompton SDX Gold / Bajaj Spectrum / Havells Swing Remote / Usha / Orient.	1 No	2410.00
945	ELEC-5.1.8	Supply of 18" (450mm) Wall mounting / Pedestal Air Circulators of makes Crompton / Havells Turbo Force / Orient / Almounard.	1 No	5335.00
946	ELEC-5.1.9	Supply of 24" (600mm) Wall mounting / Pedestal Air Circulators of makes Crompton / Havells Turbo Force / Almounard.	1 No	5865.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
947	ELEC-5.1.10	Supply of 12" (300mm) Cabin fan of makes Crompton / Havells ciera / Orient AP12.	1 No	1380.00
948	ELEC-5.1.11	Supply of 12" (300mm) Light duty exhaust fan with wire guard etc complete of makes Crompton / Bajaj Bahar WG / Havells Ventil Air-DB / Orient hill air.	1 No	1200.00
949	ELEC-5.1.12	Supply of 9" (225mm), Light duty exhaust fan with double ball bearing and wire guard etc complete of makes Crompton / Bajaj Bahar WG / Havells Ventil Air-DS / Orient hill air.	1 No	1125.00
950	ELEC-5.1.13	Supply of 12" (300mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force.	1 No	2350.00
951	ELEC-5.1.14	Supply of 15" (375mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force	1 No	2860.00
952	ELEC-5.1.15	Supply of 18" (450mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force	1 No	3645.00
<b>5.2 WATER HEATERS</b>				
953	ELEC-5.2.1	Supply, Transportation and fixing of storage / Pressure type Vertical / Horizontal 230/250V single phase 2000watts ISI mark 5 Star rated water heater with SS tank and ABS plastic body of 15 Ltrs capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on out let side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes:makes Crompton model No. solarium plus SWH 725, Class 1 rated or its equivalent make of Bajaj / Venus / Racold / Usha.	1 No	7880.00
954	ELEC-5.2.2	Supply, Transportation and fixing of storage / Pressure type Vertical / Horizontal 230/250V single phase 2000watts ISI mark 5 Star rated water heater with SS tank and ABS plastic body of 25 Ltrs capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on out let side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes:makes Crompton model No. solarium plus SWH 725, Class 1 rated or its equivalent make of Bajaj / Venus / Racold / Usha.	1 No	9280.00
<b>5.3 ACCESSORIES FOR WATER HEATERS</b>				
955	ELEC-5.3.1	Heating element of 1.5 / 2.0 / 3.0 KW.	1 No	300.00
956	ELEC-5.3.2	Supply of thermostat with range 30 <sup>0</sup> to 90 <sup>0</sup> C.Adjustable and suitable for 25 to 50 Ltrs. Capacity.	1 No	207.00
957	ELEC-5.3.3	Supply of pressure release valve for water heater of 15 to 50 Ltrs.capacity.	1 No	207.00
958	ELEC-5.3.4	Flexible Nylon / PVC Metallic hose pipe	1 No	124.00
<b>5.4 ACCESSORIES FOR MOTORS</b>				

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
959	ELEC-5.4.1	Supply & Fixing of D.O.L Starter 250V, Single phase, 50Hz. With SS enclouser comprising of contactor with bi-metalic relay with necessary push buttons, etc., complete. Makes: Siemens / Crompton / L&T.	1 No	
960	ELEC-5.4.2	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil and overload protection with necessary materials, etc., complete suitable upto 7.5.HP. Makes: Siemens / Crompton / L&T.	1 No	
961	ELEC-5.4.3	Motor Cover made with GI sheet of 18SWG for protection from rain complete.	1 No	
962	ELEC-5.4.4	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil, overload protection and single phase preventor , etc., complete suitable upto 10.0.HP. Makes: Siemens / Crompton / L&T.	1 No	
		<b>SINGLE PHASE SUBMERSIBLE MOTOR PUMP SETS</b>		
963	ELEC-5.4.5	Supply and Transportation of 0.75HP 8 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	13243.00
964	ELEC-5.4.6	Supply and Transportation of 0.75HP 8 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	12613.00
965	ELEC-5.4.7	Supply and Transportation of 1.00HP 10 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	15135.00
966	ELEC-5.4.8	Supply and Transportation of 1.00HP 10 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	14414.00
967	ELEC-5.4.9	Supply and Transportation of 1.00HP 15 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	15608.00
968	ELEC-5.4.10	Supply and Transportation of 1.00HP 15 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	14865.00
969	ELEC-5.4.11	Supply and Transportation of 1.50HP 21 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	18919.00
970	ELEC-5.4.12	Supply and Transportation of 1.50HP 21 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	18018.00
971	ELEC-5.4.13	Supply and Transportation of 2.00HP 25 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	22703.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
972	ELEC-5.4.14	Supply and Transportation of 2.00HP 25 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	21622.00
		<b>THREE PHASE SUBMERSIBLE MOTOR PUMP SETS.</b>		
973	ELEC-5.4.15	Supply and Transportation of 3.00HP 20-23 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	21284.00
974	ELEC-5.4.16	Supply and Transportation of 3.00HP 20-23 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	20270.00
975	ELEC-5.4.17	Supply and Transportation of 3.00HP 30- 33 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	25541.00
976	ELEC-5.4.18	Supply and Transportation of 3.00HP 30- 33 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	24324.00
977	ELEC-5.4.19	Supply and Transportation of 5.00HP 30 - 35 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	27905.00
978	ELEC-5.4.20	Supply and Transportation of 5.00HP 30 - 35 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	26577.00
979	ELEC-5.4.21	Supply and Transportation of 5.00HP 40 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	30743.00
980	ELEC-5.4.22	Supply and Transportation of 5.00HP 40 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	29279.00
981	ELEC-5.4.23	Supply and Transportation of 5.00HP 50 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	34054.00
982	ELEC-5.4.24	Supply and Transportation of 5.00HP 50 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Aryan Varsha / Flowell / Waterman.	1 No	32432.00
		<b>SINGLE PHASE OPEN WELL SUBMERSIBLE MOTOR PUMP SETS.</b>		
983	ELEC-5.4.25	Supply and Transportation of 1.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	10405.00
984	ELEC-5.4.26	Supply and Transportation of 1.00HP Single phase open well ISI submersible motor pumpset. Makes: Aryan Varsha / Flowell / Waterman.	1 No	9910.00
985	ELEC-5.4.27	Supply and Transportation of 1.50HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	11824.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
986	ELEC-5.4.28	Supply and Transportation of 1.50HP Single phase open well ISI submersible motor pumpset. Makes: Aryan Varsha / Flowell / Waterman.	1 No	11261.00
987	ELEC-5.4.29	Supply and Transportation of 3.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	16081.00
988	ELEC-5.4.30	Supply and Transportation of 3.00HP Single phase open well ISI submersible motor pumpset. Makes: Aryan Varsha / Flowell / Waterman. <b>THREE PHASE OPEN WELL SUBMERSIBLE PUMP SETS.</b>	1 No	15315.00
989	ELEC-5.4.31	Supply and Transportation of 3.00HP Three phase open well ISI submersible motor pumpset.(65x50) Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	16081.00
990	ELEC-5.4.32	Supply and Transportation of 3.00HP Three phase open well ISI submersible motor pumpset.(65x50) Makes: Aryan Varsha / Flowell / Waterman.	1 No	15315.00
991	ELEC-5.4.33	Supply and Transportation of 5.00HP Three phase open well ISI submersible motor pumpset.(75x65) Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	19865.00
992	ELEC-5.4.34	Supply and Transportation of 5.00HP Three phase open well ISI submersible motor pumpset.(75x65) Makes: Aryan Varsha / Flowell / Waterman.	1 No	18919.00
993	ELEC-5.4.35	Supply and Transportation of 7.50HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	23649.00
994	ELEC-5.4.36	Supply and Transportation of 7.50HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Aryan Varsha / Flowell / Waterman.	1 No	22523.00
995	ELEC-5.4.37	Supply and Transportation of 10.00HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	30270.00
996	ELEC-5.4.38	Supply and Transportation of 10.00HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Aryan Varsha / Flowell / Waterman. <b>SINGLE PHASE MONO BLOCK MOTOR PUMP SETS.</b>	1 No	28829.00
997	ELEC-5.4.39	Supply and Transportation of 0.5HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	4635.00
998	ELEC-5.4.40	Supply and Transportation of 0.5HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Aryan Varsha / Flowell / Waterman.	1 No	4414.00
999	ELEC-5.4.41	Supply and Transportation of 1.0HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	6716.00
1000	ELEC-5.4.42	Supply and Transportation of 1.0HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Aryan Varsha / Flowell / Waterman.	1 No	6396.00
1001	ELEC-5.4.43	Supply and Transportation of 1.5HP Single phase ISI Mono block CI body motor pumpset (32x25mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	8986.00
1002	ELEC-5.4.44	Supply and Transportation of 1.5HP Single phase ISI Mono block CI body motor pumpset (32x25mm). Makes: Aryan Varsha / Flowell / Waterman.	1 No	8559.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1003	ELEC-5.4.45	Supply and Transportation of 1.02HP Single phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	11351.00
1004	ELEC-5.4.46	Supply and Transportation of 1.02HP Single phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Aryan Varsha / Flowell / Waterman.	1 No	10811.00
1005	ELEC-5.4.47	Supply and Transportation of 2.00HP Three phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	13243.00
1006	ELEC-5.4.48	Supply and Transportation of 2.00HP Three phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Aryan Varsha / Flowell / Waterman.	1 No	12613.00
1007	ELEC-5.4.49	Supply and Transportation of 3.00HP Three phase ISI self priming Mono block IP44 motor pumpset (50x50mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	17973.00
1008	ELEC-5.4.50	Supply and Transportation of 3.00HP Three phase ISI self priming Mono block IP44 motor pumpset (50x50mm). Makes: Aryan Varsha / Flowell / Waterman.	1 No	17117.00
1009	ELEC-5.4.51	Supply and Transportation of 5.00HP Three phase ISI self priming Mono block IP44 motor pumpset (80x80mm). Makes: Kirloskar / Crompton / Texmo / CRI / KSB.	1 No	21757.00
1010	ELEC-5.4.52	Supply and Transportation of 5.00HP Three phase ISI self priming Mono block IP44 motor pumpset (80x80mm). Makes: Aryan Varsha / Flowell / Waterman.	1 No	20721.00
		<b>CONTROL PANEL BOARD FOR MOTORS</b>		
1011	ELEC-5.4.53	Supply and Transportation of control panel for single phase submersible motors up to 3 HP @ 220V 50Hz operating range between 80 to 240V including supply and fixing of Direct - on - Line LTLK / SIEMENS / CROMPTON make Volt meter and Ammeter with starting and running capacitors assembled with ISI mark contactors and fitted with Legrand make ISI mark MCB etc., complete.	1 No	4571.00
		<b>5.5 REPAIRS TO AIR CONDITIONERS</b>		
1012	ELEC-5.5.1	Supply, Fabrication of 1set MS bracket suitable for fixing out door unit of split AC unit.	1 Set	787.00
1013	ELEC-5.5.2	Providing 2 runs of Copper tubes for suction and <b>liquid</b> between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. <b>1. 3/4" x 3/8"</b> <b>2. 5/8" x 1/4"</b> <b>3. 1/2" x 1/4"</b>	1 Mtr	787.00
1014	ELEC-5.5.3	Supply of 1.0 / 1.5 Ton brand new Rotary type sealed compressor.	1 No	6417.00
1015	ELEC-5.5.4	Supply of 2.0 Ton brand new Rotary type sealed compressor.	1 No	7283.00
1016	ELEC-5.5.5	Multi speed Fan Motor suitable for 1.0 / 1.5 / 2.0 Ton Window A.C.Unit of makes Crompton / AU.	1 No	1252.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1017	ELEC-5.5.6	Fan motor capacitor 6 mfd by new capacitor for A.C machine of 1.0 1.5 / Ton Capacity.	1 No	123.00
1018	ELEC-5.5.7	Thermostat switch suitable for 1.0 / 1.5 / 2.0 Ton A.C.Unit.	1 No	323.00
1019	ELEC-5.5.8	Starting capacitor of 80 to 120 mfd. by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C. Unit.	1 No	142.00
1020	ELEC-5.5.9	Running capacitor of 36 mfd by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C.Unit.	1 No	173.00
1021	ELEC-5.5.10	Relay by approved make having pickup voltage 220 Volts and dropout voltage 120 Volts suitable for 1.0 / 1.50 Ton A.C. Unit.	1 No	177.00
1022	ELEC-5.5.11	Filter and capillary tube including welding etc., complete for 1.0 / 1.5 / 2.0 Ton A.C.Unit.	1 No	382.00
1023	ELEC-5.5.12	Air filter suitable for 1.50 Ton Window A.C.Unit P.V.C. / NYLON.	1 No	177.00
1024	ELEC-5.5.13	Air filter suitable for 1.50 Ton Split A.C.Unit P.V.C. / NYLON.	1 No	374.00
1025	ELEC-5.5.14	Rewiring the entire Window type 1.50 Ton A.C.unit with 2.5 Sq.mm Flexible copper cable and putting the same in working conditions.	1 No	256.00
1026	ELEC-5.5.15	Overhauling and servicing the Window type 1.0 / 1.5 Ton A.C. Machine by Cleaning the condensor cooling Coil etc., by blower and oiling the Fan Motor and Cleaning all parts and putting the machine in working condition.	1 No	276.00
1027	ELEC-5.5.16	Fan blade for 1.0 / 1.5 Ton A.C.Machine.	1 No	441.00
1028	ELEC-5.5.17	Grill of 1.0 / 1.5 ton A.C. Machine (for assembled Units).	1 No	336.00
1029	ELEC-5.5.18	Grill of 1.0 / 1.5 ton A.C. Machine of branded units.	1 No	1339.00
1030	ELEC-5.5.19	Rotary / Selector switch by new one.	1 No	91.00
1031	ELEC-5.5.20	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.0/ 1.5 /2.0 Ton Window A.C.Unit.	1 No	1181.00
1032	ELEC-5.5.21	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.5 /2.0 Ton Split A.C.Unit.	1 No	1654.00
1033	ELEC-5.5.22	Spray painting of Refrigerator using good quality paint after scraping the surface etc.	1 No	567.00
1034	ELEC-5.5.23	New sealed compressor of 1/8 HP suitable for 165 to 185 Ltrs. Capacity Refrigerator.	1 No	2441.00
1035	ELEC-5.5.24	Sealed compressor of 1/6 HP suitable for 285 / 310 Ltrs. Capacity Refrigerator.	1 No	2953.00
1036	ELEC-5.5.25	Supply of fan motor by new 1/10 to 1/12 H.P 1250 RPM fan motor for Water Cooler of 80-150 Ltrs.	1 No	1252.00
1037	ELEC-5.5.26	Bush for fan motor of 80-150 Lts.	1 No	98.00
1038	ELEC-5.5.27	Resistance type regulator for ceiling fans 900/1200/1400mm sweep complete erected on existing board.	1 No	31.00
1039	ELEC-5.5.28	Installation of Split Air Conditioners.	1 No	1181.00
1040	ELEC-5.5.29	Removing of existing Split Air Conditioners without damaging to copper pipe.	1 No	315.00
1041	ELEC-5.5.30	Installation of Cassette type Split Air Conditioners.	1 No	2362.00
1042	ELEC-5.5.31	Installation of Tower type Split Air Conditioners.	1 No	1969.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1043	ELEC-5.5.32	Supply, Fabrication of 1set MS bracket suitable for fixing out door unit of Casseete AC unit.	1 Set	1575.00
1044	ELEC-5.5.33	Providing 2 runs of Copper tubes for suction and <b>liquid</b> between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. <b>1.7/8" x 1/2"</b>	1 Mtr	1181.00
1045	ELEC-5.5.34	Providing 2 runs of Copper tubes for suction and <b>liquid</b> between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. <b>1. 1 1/8" x 5/8"</b> <b>AIR CONDITIONERS</b> Supply of split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length and cordless remote control	1 Mtr	1378.00
	<b>A</b>	<b>1.5TR Split ACs</b>		
1046	ELEC-5.5.35	1.5 TR 3 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK 19 CK-6	1 No	32135.00
1047	ELEC-5.5.36	1.5 TR 3 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Daikin FTE-M or N Sereis / Carrier Novello / Blue Star 3HW18VB1 / Hitachi (Kazi+) / Voltas 183 PX-R.	1 No	30343.00
1048	ELEC-5.5.37	1.5 TR 5 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK20CKS-6 / Hitachi ACE FMS	1 No	38307.00
1049	ELEC-5.5.38	1.5 TR 5 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410A makes Daikin FT-M / <b>Carrier Estrella / Blue Star 5HW18DBF1.</b>	1 No	36791.00
	<b>B</b>	<b>1.8TR-2.1TR Split ACs</b>		
1050	ELEC-5.5.39	1.8 / 2.0 TR 3 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Carrier Dura edgeplus / Daikin FTE-M or N Series / Blue Star 3HW24SVB1	1 No	38610.00
1051	ELEC-5.5.40	2.0 TR 4 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes 'O' General.	1 No	44480.00
1052	ELEC-5.5.41	2.0 TR 4 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Carrier Kurve.	1 No	39354.00
1053	ELEC-5.5.42	1.8 / 2.0 TR 5 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK25CKS-6 / Daikin FT-M Series	1 No	45390.00
	<b>C</b>	<b>Inverter Split AC Unts (Cooling Only)</b>		

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
		Supply of INVERTER Model Cool type split AC unit with high wall mounted Single Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidi-fying air circulating and filtering with cooling and condensing units duly insulated and 3 core copper flexible chord of required length etc. complete including cordless remote		
1054	ELEC-5.5.43	1.5 TR capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410 makes O General model No. ASGA18JCC / Toshibha Model No. RAS-18N3KCV-IN	1 No	45563.00
1055	ELEC-5.5.44	1.5 TR capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410 makes 'Daikin Model No.FTKS50FVMA / Mitsubishi Model No. SRK18YL-S / Blue Star Model No. HNHW18CBF.	1 No	45057.00
1056	ELEC-5.5.45	1.8 TR capable of delivering 21600 BTU/hr and above with operating on refrigerant R-410 makes Thosibha Model No. RAS-22N3KCV-IN / Daikin Model No. FTKS60FVMA	1 No	51335.00
1057	ELEC-5.5.46	2.0 TR capable of delivering 24000 BTU/hr and above with operating on refrigerant R-410 makes 'O' General Model No. ASGA24JCC / Blue Star Model No. HNHW22CBF	1 No	52988.00
		<b>CASSETTE TYPE AC UNITS</b> Supply of <b>Cassette type</b> AC unit with ceiling mounted indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc complete with Wireless remote controller, but without refrigerent piping and cable.		
1058	ELEC-5.5.47	Single Phase Makes: 2.2TR Daikin / 2.0TR 'O' Genral AUG25AB	1 No	64570.00
1059	ELEC-5.5.48	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 makes Makes: 'O' Genral	1 No	102430.00
1060	ELEC-5.5.49	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 Makes: <b>Daikin</b> / Carrier / Blue Star.	1 No	86220.00
1061	ELEC-5.5.50	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: 'O' General	1 No	108615.00
1062	ELEC-5.5.51	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: Daikin	1 No	103780.00
1063	ELEC-5.5.52	3.5TR Three Phase Makes: Carrier / Blue Star	1 No	98425.00
1064	ELEC-5.5.53	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-22 Makes: Daikin / 'O' Genral	1 No	118874.00
1065	ELEC-5.5.54	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-22 Makes: Carrier / Blue Star	1 No	90551.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1066	ELEC-5.5.55	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-410 Makes: Carrier / Blue Star.	1 No	91575.00
1067	ELEC-5.5.56	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-410 Makes: Toshiba / O General (Inverter Technology)	1 No	122181.00
1068	ELEC-5.5.57	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-410 Makes: Carrier / Blue Star	1 No	104724.00
1069	ELEC-5.5.58	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-410 Makes: Toshiba / O General (Inverter Technology) <b>TOWER MODEL TYPE AC UNITS</b> Supply of <b>Slim line / Tower Model/Verticool type</b> split AC unit with indoor unit and floor mounted outdoor condensing unit Hermetically sealed Scroll compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc complete <b>with cordless remote control</b>	1 No	132433.00
1070	ELEC-5.5.59	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 Makes: Voltas	1 No	62992.00
1071	ELEC-5.5.60	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: Blue Star <b>INVERTOR MODEL HEAT COOL SPLIT AC'S</b> Supply of <b>INVERTER</b> Model Heat Cool type split AC unit with high wall mounted Single <b>phase</b> Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidi -fying air circulating and filtering with cooling and condensing units duly insulated and 3 core copper flexible chord of required length etc. complete with cordless remote control	1 No	64961.00
1072	ELEC-5.5.61	.....do.....with Cooling capacity 18000 BTU/Hr and above, Coffeient of performance 3.70 and above and R410A refrigerent etc complete. Make : Toshiba model No. Indoor Unit RAS-18N3KV2-E Outdoor Unit RAS-18N3AV2-E or its equivalent model of 'O'General / Mitsubishi / Daikin.	1 No	57461.00
1073	ELEC-5.5.62	.....do.....with Cooling capacity 22000 BTU/Hr and above, Coffeient of performance 3.40 and above and R410A refrigerent etc complete. Make : Toshiba model No. Indoor Unit RAS-B22N3KV2-E Outdoor Unit RAS-22N3AV2-E or its equivalent model of 'O'General / Mitsubishi / Daikin <b>STABILIZERS</b>	1 No	61594.00
1074	ELEC-5.5.63	Supply of 0.5 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1 No	843.00
1075	ELEC-5.5.64	Supply of 0.5 KVA Stabilizer of make Keeline / Soft Line / Capri.	1 No	689.00
1076	ELEC-5.5.65	Supply of 1.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1 No	1536.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1077	ELEC-5.5.66	Supply of 1.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1 No	1374.00
1078	ELEC-5.5.67	Supply of 3.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1 No	2128.00
1079	ELEC-5.5.68	Supply of 3.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1 No	1957.00
1080	ELEC-5.5.69	Supply of 4.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1 No	2830.00
1081	ELEC-5.5.70	Supply of 4.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1 No	2668.00
1082	ELEC-5.5.71	Supply of 5.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1 No	3406.00
1083	ELEC-5.5.72	Supply of 5.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1 No	3239.00
	<b>5.6</b>	<b>REPAIRS TO MOTORS AND REWINDING, BEARINGS</b>		
1084	ELEC-5.6.1	Bearing of approved make for electric motor single phase / 3 phase AC upto 1 HP of all types.	1 No	161.00
1085	ELEC-5.6.2	Bearing of approved make for electric motor single phase / 3 phase AC upto 2 to 3 HP of all types.	1 No	208.00
1086	ELEC-5.6.3	Bearing of approved make for electric motor single phase / 3 phase AC upto 5 to 7.5 HP of all types.	1 No	276.00
1087	ELEC-5.6.4	Bearing of approved make for electric motor single phase / 3 phase AC upto 10 to 12.5 HP of all types.	1 No	287.00
1088	ELEC-5.6.5	Bearing of approved make for electric motor single phase / 3 phase AC upto 15 to 20 HP of all types.	1 No	441.00
1089	ELEC-5.6.6	Bearing of table / cabin / pedestal / ceiling / exhaust fan complete with alignment of shaft and tested.	1 No	76.00
1090	ELEC-5.6.7	Bearing of bush / rubber / ring washers complete with alignment of shaft and tested.	1 No	36.00
1091	ELEC-5.6.8	Capacitor of table / cabin / pedestal / ceiling / exhaust fan complete.	1 No	34.00
1092	ELEC-5.6.9	EICHER model 11:10 with 100 H. P direct injection 4 stroke engine with one spare wheel 3800 mm cabin high deck with jangla (full body) (4 wheeler) for generator	1 No	716278.00
	<b>6.1</b>	<b>SWAGED POLES / OCTOGONAL POLES, GARDEN POSTS AND ACCESSORIES</b>		
1093	ELEC-6.1.1	Fabrication, supply and transportation of all sizes swaged poles up to site conforming to IS 2713 / 1980 specifications. The pole should be painted with primary coat of red oxide and black bituminous paint up to ground level with base plate, including cost of all materials etc., complete.(Rate per K. G)	1 Kg	56.00
1094	ELEC-6.1.2	Fabrication and Supply of M.S. Poles for garden posts with 'B' class 60.25mm outer dia with base plate and suitable pole cap including cost and conveyance of all material including fixing of luminaire and labour charges etc., complete. (Rate per K. G)	1 Kg	51.00
1095	ELEC-6.1.3	Supply of different sizes of M. S. Pipe brackets (Rate per K.G)	1 Kg	51.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1096	ELEC-6.1.4	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.50 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template of Makes: Bajaj / Valmont / TRANSRAIL.	1 No	8383.00
1097	ELEC-6.1.5	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.50 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template of Makes Surya / LAASMA.	1 No	7202.00
1098	ELEC-6.1.6	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: Bajaj / Valmont / TRANSRAIL.	1 No	12380.00
1099	ELEC-6.1.7	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: Surya / LAASMA.	1 No	10635.00
1100	ELEC-6.1.8	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes Bajaj / Valmont / TRANSRAIL.	1 No	12335.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1101	ELEC-6.1.9	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: Surya / LAASMA.	1 No	11101.00
1102	ELEC-6.1.10	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 200mm / 240mm, Top 100mm / 90mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes Bajaj / Valmont / TRANSRAIL.	1 No	19717.00
1103	ELEC-6.1.11	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 200mm / 240mm, Top 100mm / 90mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes: Surya / LAASMA.	1 No	17745.00
1104	ELEC-6.1.12	Fabrication, Transportation and supply of 1.0 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1 No	957.00
1105	ELEC-6.1.13	Fabrication, Transportation and supply of 1.50 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1 No	1263.00
1106	ELEC-6.1.14	Fabrication, Transportation and supply of 1 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1 No	1102.00
1107	ELEC-6.1.15	Fabrication, Transportation and supply of 1.50 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1 No	1952.00
1108	ELEC-6.1.16	Fabrication, Transportation and supply of of 1.5mtrs sword type decorative double arm bracket with dooms either sides complete with all accessories with MS galvanized 40mm / 50mm dia Pipe.		3543.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1109	ELEC-6.1.17	Fabrication, transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 200mm / 240mm dia and top 100mm / 90mm dia, base plate of size 290mm x 290mm x 16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL.	1 No	14254.00
1110	ELEC-6.1.18	Fabrication, transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 200mm / 240mm dia and top 100mm / 90mm dia, base plate of size 290mm x 290mm x 16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Surya / LAASMA.	1 No	12828.00
1111	ELEC-6.1.19	Foundation and erection charges for 9 mtrs / 10 Mtrs long Octagonal/Conical pole duly erecting on base plate 290mm x 290mm x 16mm thick duly providing 4 Nos. foundation bolts with nuts with providing of M20 c.c work vibrated concreting mixing with necessary steel (15kgs) reinforcement as directed by the field engineers during execution including all labour charges and cost and conveyance of materials etc. complete.	1 No	3898.00
1112	ELEC-6.1.20	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of Bottom 350mm / 360mm and Top 125mm / 100mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity, suitable for 6 luminaires with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL.	1 No	81381.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1113	ELEC-6.1.21	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of Bottom 350mm / 360mm and Top 125mm / 100mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity, suitable for 6 luminaires with GLS type aviation twin lamp Makes: Surya / LAASMA.	1 No	69913.00
1114	ELEC-6.1.22	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL.	1 No	106204.00
1115	ELEC-6.1.23	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Surya / LAASMA.	1 No	95583.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1116	ELEC-6.1.24	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 410mm and Top 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL.	1 No	114173.00
1117	ELEC-6.1.25	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 410mm and Top 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Surya / LAASMA.	1 No	102756.00
1118	ELEC-6.1.26	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick of Bottom 400mm / 410mm and Top 150mm / 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 570mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp of Makes: Bajaj / Valmont / TRANSRAIL.	1 No	132485.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1119	ELEC-6.1.27	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick of Bottom 400mm / 410mm and Top 150mm / 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 570mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp of Makes: Surya / LAASMA.	1 No	119236.00
1120	ELEC-6.1.28	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 40A TP MCB, 6 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work.	1 No	
1121	ELEC-6.1.29	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 63A TP MCB, 8 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work.	1 No	
1122	ELEC-6.1.30	Earth work excavation with a approximate quantity of 4.0 Cum for erection of 12 Mtrs high mast and refilling with a quantity of 0.53 Cum of PCC 1:4:8, 1.50 Cum M 20 grade concrete and (80 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carraige etc complete.	1 No	
1123	ELEC-6.1.31	Earth work excavation with a approximate quantity of 6.0 Cum for erection of 16 Mtrs high mast and refilling with a quantity of 0.65 Cum of PCC 1:4:8, 2.60 Cum M 20 grade concrete and (110 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carraige etc complete.	1 No	

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1124	ELEC-6.1.32	Earth work excavation with a approximate quantity of 7.0 Cum for erection of 20 Mtrs high mast and refilling with a quantity of 0.75 Cum of PCC 1:4:8, 3.60 Cum M 20 grade concrete and (140 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carraige etc complete.	1 No	
1125	ELEC-6.1.33	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 155mm dia and top 75mm dia, base plate of size 260mmx260mmx16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs <b>sword type decorative single arm</b> bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL.	1 No	14723.00
1126	ELEC-6.1.34	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 155mm dia and top 75mm dia, base plate of size 260mmx260mmx16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs sword type decorative single arm bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Surya / LAASMA.	1 No	13250.00
1127	ELEC-6.1.35	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 173mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.0 mtrs <b>C type decorative single arm</b> with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes Bajaj / Valmont / TRANSRAIL.	1 No	11480.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1128	ELEC-6.1.36	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 173mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.0 mtrs C type decorative single arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Surya / LAASMA.	1 No	10332.00
1129	ELEC-6.1.37	Fabrication,transportation and supply of MS hot dip galvanized 10.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 184mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5 mtrs <b>C type</b> decorative <b>Double arm</b> with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL.	1 No	13181.00
1130	ELEC-6.1.38	Fabrication,transportation and supply of MS hot dip galvanized 10.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 184mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5 mtrs C type decorative Double arm with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Surya / LAASMA.	1 No	11863.00
		Supply of following sizes thermo plastic pole boxes IP 65 protection Make : Hensel / Sintex		
1131	ELEC-6.1.39	300X150X170		1038.00
1132	ELEC-6.1.40	300X300X170		1489.00
1133	ELEC-6.1.41	300X450X170		2030.00
1134	ELEC-6.1.42	300X600X170		2409.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1134	ELEC-6.1.43	Erection charges for 7.50 Mtrs long Octagonal pole on bridge kerb portion (R.C.C.) with 4 Nos 8" Anchor bolts/ M20xsuitable "J" type bolts etc duly drilling holes to RCC slab and with V.C.C. M.15 concrete for base concreting up to a height of 8" with necessary Reinforcement work etc. including cost and conveyance of all material and all labour charges etc. complete as directed by the department officers.	1 No	3200.00
		Supply and transportation of following glass reinforced polymer (GRP) composite type Conical pole with single arm bracket of length 1Mtr and internal junction box including labour charges etc., complete. Makes: Bajaj / Kemrock / Sumip.		
1135	ELEC-6.1.44	3.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1 No	7014.00
1136	ELEC-6.1.45	4.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1 No	8794.00
1137	ELEC-6.1.46	6.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1 No	11240.00
1138	ELEC-6.1.47	8.00 Mtrs height, Bottom dia 193mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1 No	14800.00
1139	ELEC-6.1.48	10.00 Mtrs height, Bottom dia 227mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr Supply and transportation of base bracket suitable for glass reinforced polymer (GRP) composite type pole including labour charges etc., complete. Makes: Bajaj / Kemrock / Sumip.	1 No	21471.00
1140	ELEC-6.1.49	For 3.00 Mtrs Pole	1 No	1299.00
1141	ELEC-6.1.50	For 4.00 Mtrs Pole	1 No	1299.00
1142	ELEC-6.1.51	For 6.00 Mtrs Pole	1 No	1559.00
1143	ELEC-6.1.52	For 8.00 Mtrs Pole	1 No	1819.00
1144	ELEC-6.1.53	For 10.00 Mtrs Pole	1 No	4331.00
	6.2	<b>CONTROL PANEL BOARD</b>		
1145	ELEC-6.2.1	Fabrication and erection of 14SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1 sq. inch	2.00
1146	ELEC-6.2.2	Fabrication and erection of 16 SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1 sq. inch	2.00
1147	ELEC-6.2.3	Fabrication and erection of 18SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1 sq. inch	2.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
	6.3	<b>METERING EQUIPMENT</b>		
1148	ELEC-6.3.1	Supply and erection of 0-415V volt Digital meter on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1 No	1969.00
1149	ELEC-6.3.2	Supply and erection of 0-415V volt Analog meter on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1 No	354.00
1150	ELEC-6.3.3	Supply and erection of 0-100 / 200 / 400 / 600 /1000 Digital Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1 No	1969.00
1151	ELEC-6.3.4	Supply and erection of 0-100 / 200 / 400 / 600 /1000 Analog Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1 No	354.00
1152	ELEC-6.3.5	Supply and erection of Digital frequency meter on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1 No	3587.00
1153	ELEC-6.3.6	Supply and erection of Digital power factor meter, 3 phase, 4 wire balanced or unbalanced load 5A, 415V of size 96x96mm on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1 No	2126.00
1154	ELEC-6.3.7	Supply and erection of L.T. 3phase Digital multifunction energy meter with 3 lines LCD display for measuring all the parameters (voltage / Current / Power / frequency / power factor / kw / kwh / KVAR/ KVARH) on existing box panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1 No	7892.00
1155	ELEC-6.3.8	Supply and erection of selector switch for voltmeter / Ammeter on the existing box / panel including connections etc., complete. L&T / C&S / SALZAR / HPL MAKE.	1 No	138.00
1156	ELEC-6.3.9	Supply and erection of LED indicator lamps on the existing box / panel board. L&T / C&S / SALZAR / HPL MAKE.	1 No	106.00
1157	ELEC-6.3.10	Supply and erection of LT current transformer with bar primary 100/5A to 1000 / 5A ratio in the existing box / panel including connections etc., complete. KAPPA MAKE.	1 No	354.00
1158	ELEC-6.3.11	Supply and fixing of single phase Electronic energy Meter,240V AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board. CONZERVE / ELMEASURE / MECO / HPL / HAVELLS MAKE.	1 No	827.00
1159	ELEC-6.3.12	Supply and fixing of three phase Electronic energy Meter, 415V AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board. CONZERVE / ELMEASURE / MECO / HPL / HAVELLS MAKE.	1 No	2391.00
1160	ELEC-6.3.13	Supply and fixing of 8 Stage APFC Relay with connection etc complete.(L&T / Siemens / EPCOS / Schneider / Elmeasure)	1 No	10709.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1161	ELEC-6.3.14	Supply and fixing of 14 Stage APFC Relay with connection etc complete.(L&T / Siemens / EPCOS / Schneider / Elmeasure)	1 No	13307.00
	<b>6.4</b>	<b>SUB STATION EQUIPMENT and TRANSFORMERS</b>		
1162	ELEC-6.4.1	Carryout routine maintenance, servicing and testing of 630A to 1000A L.T.ACB by cleaning fixed contacts, moving contacts and arcchutes including servicing and putting the ACB in perfect working condition after detting all relay and ON, OFF mechanism etc done with only manufacturing companies	1 No	1998.00
1163	ELEC-6.4.2	Carryout routine maintenance and servicing of LT.Cubical pannel board having approximately 15 to 22 Nos of switches cleaning with power brower and servicing the contacts, tightning the connection of incoming and outgoing cables, and clicking the operating machanism for smooth functioning of switches and putting them in smooth working condition.	1 No	2500.00
1164	ELEC-6.4.3	Routine maintenance of transformer in operation covering insulation resistance oil, break down strength. Reconditioning / replacement of silicazel, cleaning of transformer and topping upto oil level if required (extra cost will be paid for oil).	1 No	4350.00
1165	ELEC-6.4.4	Testing of Transformer oil for dielectric breakdown strength.	1 No	500.00
1166	ELEC-6.4.5	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete.- Upto 315 KVA	1 No	2500.00
1167	ELEC-6.4.6	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete. -500 / 1000 KVA	1 No	3500.00
1168	ELEC-6.4.7	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -Upto 315 KVA	1 No	667.00
1169	ELEC-6.4.8	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -500 / 1000 KVA	1 No	933.00
1170	ELEC-6.4.9	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -Upto 315 KVA	1 No	267.00
1171	ELEC-6.4.10	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -500 / 1000 KVA	1 No	489.00
1172	ELEC-6.4.11	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. Upto 315 KVA	1 No	622.00
1173	ELEC-6.4.12	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. 500 / 1000 KVA	1 No	1289.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1174	ELEC-6.4.13	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding, varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm- <b>For copper coils</b>	1 Kg	524.00
1175	ELEC-6.4.14	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding, varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm - <b>For aluminium coils</b>	1 Kg	347.00
1176	ELEC-6.4.15	Insulating HT / LT copper / aluminium coils for Transformers.	1 No	267.00
1177	ELEC-6.4.16	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. -Upto 500 KVA	1 No	3000.00
1178	ELEC-6.4.17	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. - 630 / 1000 KVA	1 No	4000.00
1179	ELEC-6.4.18	Replacing H.T bushing for distribution Transformer by new one.	1 No	311.00
1180	ELEC-6.4.19	Replacing H.T bushing metal parts for distribution Transformer by new one.	1 No	338.00
1181	ELEC-6.4.20	Replacing L.T bushing for distribution Transformer by new one for the following capacities. - <b>Upto 315 KVA</b>	1 No	147.00
1182	ELEC-6.4.21	Replacing L.T bushing for distribution Transformer by new one for the following capacities.- <b>500 / 1000 KVA</b>	1 No	156.00
1183	ELEC-6.4.22	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. - 100 KVA	1 No	267.00
1184	ELEC-6.4.23	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. - 250 / 315 KVA	1 No	444.00
1185	ELEC-6.4.24	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. - 500 KVA	1 No	1156.00
1186	ELEC-6.4.25	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. - 1000 KVA	1 No	1778.00
1187	ELEC-6.4.26	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -Upto 315 KVA	1 No	3000.00
1188	ELEC-6.4.27	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -500 / 1000KVA	1 No	4200.00
1189	ELEC-6.4.28	Loading and Unloadng of transformer from site to Workshop or vice verse. -Upto 500 KVA	1 No	4500.00
1190	ELEC-6.4.29	Loading and Unloadng of transformer from site to Workshop or vice verse. -630 / 1000 KVA	1 No	6800.00
1191	ELEC-6.4.30	Transformer oild tested as per IS-335 - 1972 (per Ltr)	1 Ltr	90.00
1192	ELEC-6.4.31	Filtration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at site. (per Ltr)	1 Ltr	8.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1193	ELEC-6.4.32	Filteration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at workshop (per Ltr)	1 Ltr	5.00
1194	ELEC-6.4.33	Supply of MPP type heavy duty capacitor of operating voltage not less than 480V and losses not more than 0.35W per KVAR and inrush current withstand capability 300 times the rated current. Makes:L&T/Siemens/Schneider/Epcos. Supply, transportation and delivery at site of 3 Phase, 50 Hz, oil immersed and naturally cooled, outdoor / Indoor type copper wound transformer designed and manufactured as per IS 2026-1977 and 1st filling of oil as per IS 335 of 1993, connected delta on primary side and Star on secondary side with additional neutral brought out on load side, 1100V / (433V / 415V) with HV tapping + or - 2.5% contineously rated for full load and temperature rise not exceeding 50°C in oil and 55°C rise by th resistance of the winding after contineous run on full load rating complete with the following standard mountings. Makes: Kirloskar / Vijay Electricals / PETE / Esennar	1 KVAR	260.00

(Note:Other than these makes / brands mentioned rate may be allowed as approved by AP Electricity Board).

1. Rated KVA : .....KVA
2. Service: Outdoor / Indoor
3. Mounting : Plinth.
4. Copper wound : Double.
5. Type : Core.
6. Cooling : ONAN
7. Temp . Rise : 55°C.
8. Vector Group: Dyn 11
9. Primary Connection : Delta
10. Primary Volts : 11000
11. Primry Frequency : 50
- 12.Primary Phases : 3
13. Primary wires: 3
14. Secondary connection : Star
15. Secondary Volts : 415 / 433V
16. Secondary phases : 3
17. Secondary wires: 4
18. Taps on primary winding for primary voltage variation : +7.5% to - 7.5% in steps of 2.5%,

#### 19. Terminal arrangement.

- a. HV: Bare Busings / Cable end box
- b. LV : Cable box
20. LV : One separate terminal for earthing.
20. No load losses (Watts): .....As per IS specification
21. Load losses (Watts): .....As per IS specification
22. Impedance(Z%) : .....As per IS specification

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

### 21. Fittings & Accessories.

- a. Rating and terminal marking plate
- b. Earthing terminals
- c. Lifting Lugs
- d. Conservator with drain plug.
- e. Oil level Indicator
- f. Dehydrating silicagel breather
- g. Air release device
- h. Drain cum filter wall
- i. Explosion vent with diaphragm
- j. Radiators (Attachable)
- k. Seperate neutral bushing
- l. Uni directional flat rollers.

1195	ELEC-6.4.34	... do..... 63 KVA Copper Wound Transformer		129920.00
1196	ELEC-6.4.35	... do..... 100 KVA Copper Wound Transformer		141730.00
1197	ELEC-6.4.36	... do..... 160 KVA Copper Wound Transformer		232280.00
1198	ELEC-6.4.37	... do..... 250 KVA Copper Wound Transformer		255910.00
1199	ELEC-6.4.38	... do..... 315 KVA Copper Wound Transformer		295275.00
1200	ELEC-6.4.39	... do..... 500 KVA Copper Wound Transformer		433070.00

Supply, transportation and delivery at site of 3 Phase, 50 Hz, Dry type, Indoor type copper wound transformer designed and manufactured as per IS 2026-1977 and IS 11171-1985, connected delta on primary side and Star on secondary side with additional neutral brought out on load side, 1100V / (433V / 415V) with HV tapping + or - 2.5% temperature rise by the resistance 90°C. complete with the following standard mountings. Makes: Kirloskar / Vijay Electricals / PETE / Esennar

(Note: Other than these makes / brands mentioned rate may be allowed as approved by AP Electricity Board).

1. Rated KVA : .....KVA (Cast Resin)
2. Service: Indoor
3. Mounting : Floor.
4. Copper wound : Double.
5. Type of cooling : ANAN.
6. Insulation Class : Class F
7. Temperature rise by resistance : 90°C
8. Vector Group: Dyn 11
9. Primary Connection : Delta
10. Primary Volts : 11000
11. Primry Frequency : 50
12. Primary Phases : 3
13. Primary wires: 3
14. Secondary connection : Star
15. Secondary Volts : 433V / 415V
16. Secondary phases : 3
17. Secondary wires: 4
18. Taps on primary winding for primary voltage variation : +5.0% to - 10.0% in steps of 2.5% through links.

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
		19. <b><u>Terminal arrangement.</u></b>		
		a. HV: Cable end box		
		b. LV : Cable end box		
		20. No load losses (Watts): ..... As per IS specifications		
		21. Load losses (Watts): .....As per IS specifications		
		22. Impedance(Z%) : .....As per IS specifications		
		<b><u>21. Fittings &amp; Accessories.</u></b>		
		a. Rating and terminal marking plate		
		b. Earthing terminals		
		c. Lifting Lugs		
		d. Winding temperature Indicator		
		e. Seperate neutral bushing		
		f. Uni directional flat rollers.		
1201	ELEC-6.4.40	... do..... 100 KVA Copper Wound Transformer		314960.00
1202	ELEC-6.4.41	... do..... 250 KVA Copper Wound Transformer		507870.00
1203	ELEC-6.4.42	... do..... 315 KVA Copper Wound Transformer		578740.00
1204	ELEC-6.4.43	... do..... 500 KVA Copper Wound Transformer		716540.00
	<b>6.5</b>	<b>LIGHTENING PROTECTIVE SYSTEM</b>		
1205	ELEC-6.5.1	Supply and erecting approved make 11KV, 5KA metal oxide lightning arrestors suitable for 11 KV supply with necessary materials on existing cross arm.	1 No	1181.00
1206	ELEC-6.5.2	Supply and erecting porcelain disc type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1 No	472.00
1207	ELEC-6.5.3	Supply and erecting porcelain pin type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1 No	236.00
1208	ELEC-6.5.4	Supply and erecting porcelain post type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1 No	531.00
1209	ELEC-6.5.5	Supply and erecting porcelain pin/shackle type insulator suitable for L. T.	1 No	71.00
1210	ELEC-6.5.6	Supply and fixing of lightning protective system conforming to IS : 2309 with all standard accessories such as metal globe finials on the top of the building with 25.4 mm dia 3.0mtrs. Length of 'B' class G.I pipe etc., complete without down conductors and earthing.	1 No	472.00
1211	ELEC-6.5.7	Approved made 11KV, 400A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials.	1 No	5512.00
1212	ELEC-6.5.8	Approved made 11KV, 200A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials.	1 No	4803.00
1213	ELEC-6.5.9	Approved made 11KV, 200A A.B switch (tilting) with all standard accessories etc., complete with cost and conveyance of all materials.	1 No	4646.00
1214	ELEC-6.5.10	11KV, H.G fuse set including all standard accessories etc., complete with cost and conveyance of all materials.	1 No	3150.00
1215	ELEC-6.5.11	Supply of 7/3.15 AAA C all Alluminium annealed conductor Rabbit.	1 Km	19695.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1216	ELEC-6.5.12	Supply of 7/2.50 AAA C all Aluminium annealed conductor Weasel.	1 Km	12113.00
1217	ELEC-6.5.13	Supply of 9.1 Mtr PSCC Pole 280 Kg Working load.	1 No	2464.00
1218	ELEC-6.5.14	Supply of 8.0 Mtr PSCC Pole 140 Kg Working load.	1 No	1311.00
1219	ELEC-6.5.15	Supply of 175 x 85 mm / 150 x 75 mm RS Joist.	1 Kg	39.00
1220	ELEC-6.5.16	Supply and installation of NIMBUS CPT-3/NLP 2200 / FOREND(ESE-EU) Advanced lighting protection with capturing head of 135 - 210mm diameter, 205 -580mm height and 4.60 - 4.940 kgs , and having Rod length 760mm, weight 1.795 kgs with stainless steel rod, working on the principle of (ESE) Early Streamer Emission technology, having a coverage radius of 79mts when mounted on 10 - 15 mts height of existing lattice tower giving level 1 protection and anticipation emission time of 60 micro seconds/72 micro seconds. The NIMBUS is manufactured according to standard NFC 17 102 and UNE 21186-96 including functional integrity etc Complete. Make : NIMBUS / FOREND or equivalent	1 No	100790.00
1221	ELEC-6.5.17	Installation and commissioning of NIMBUS / FOREND or equivalent advanced lighting protection systems which includes 1. Laying of CC Bed 2. Installation of Lighting Rod 3. Laying of Down conductor 4. Installation of Counter 5. Installation of Earth Electrodes 6. Interconnection between the Electrodes 7. Termination of down conductor to earth bus etc complete	1 No	24570.00
1222	ELEC-6.5.18	Supply of electro-Mechanical counter (Make: CIRPROTEC / INDALAC/INGESCO)	1 Pt	12600.00
1223	ELEC-6.5.19	Providing earth electrode of low carbon steel rod of 17mm dia coated with 250 microns thick copper 3mtr long with clamps and 2 bags of LORESCO ZEROLITE back fill compound etc complete (As per drawings enclosed)	1 Pt	7560.00
1224	ELEC-6.5.20	Supply of down conductor of 1x70sqmm single core PVC insulated unarmoured copper conductor cable of ISI mark (Make: Polycab / Havells / RPG / RR Kabel)	1 Mtr	323.00
	<b>7.1</b>	<b>NET WORKING</b>		
1225	ELEC-7.1.1	Supply of 2 Pair, 0.5mm telephone copper wire of makes Finolex / Delton / Surabi / Polycab	100 Mtrs	860.00
1226	ELEC-7.1.2	Supply of 5 Pair telephone copper wire of makes Finolex / Delton / Surabi / Polycab /	100 Mtrs	2383.00
1227	ELEC-7.1.3	Supply of LAN Cable cat - 6 UTP cable of makes D Link / AMP / Molex / Legrand / Krone.	100 Mtrs	2196.00
1229	ELEC-7.1.4	Supply of Cat 6 RJ-45 information outlets including duel face plate of makes D Link / AMP / Molex / Legrand / Krone.	1 No	289.00
1230	ELEC-7.1.5	Supply of 24 Port switches of makes D link / CISCO / Net Gear / HP.	1 No	4426.00
1231	ELEC-7.1.6	Supply of 8 Port switches of makes D link / CISCO / Net Gear / HP.	1 No	1051.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1232	ELEC-7.1.7	Supply of 3200 access point of makes D link / CISCO / Net Gear / HP.	1 No	10638.00
1233	ELEC-7.1.8	Supply of 7 feet length <b>moulded</b> patch cord of makes D Link / AMP / Molex / Legrand / Krone.	1 No	187.00
1234	ELEC-7.1.9	Supply of 3 feet length <b>moulded</b> patch cord of makes D Link / AMP / Molex / Legrand / Krone.	1 No	170.00
1235	ELEC-7.1.10	Supply of 24 port patch panels of makes D Link / AMP / Molex / Legrand / Krone.	1 No	5532.00
1236	ELEC-7.1.11	Supply of 100 pair MDF loaded with 2/10 Modular of Krone make or its equivalent.	1 No	3132.00
1237	ELEC-7.1.12	Supply of 100 Pair raiser cable for telephone makes Finolex / Delton / Surabi / Polycab.	1 Mtr	329.00
1238	ELEC-7.1.13	Supply of 10 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab	1 Mtr	34.00
1239	ELEC-7.1.14	Supply of 20 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab	1 Mtr	65.00
1240	ELEC-7.1.15	Supply of 50 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab.	1 Mtr	166.00
1241	ELEC-7.1.16	Supply of 10 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	553.00
1242	ELEC-7.1.17	Supply of 20 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	843.00
1243	ELEC-7.1.18	Supply of 50 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	1762.00
1244	ELEC-7.1.19	Supply of 200 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1 No	6723.00
1245	ELEC-7.1.20	Supply of 6U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1 No	4000.00
1246	ELEC-7.1.21	Supply of 9U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1 No	4749.00
1247	ELEC-7.1.22	Supply of 12U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1 No	5518.00
1248	ELEC-7.1.23	Supply of 15U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1 No	6254.00
1249	ELEC-7.1.24	Supply of 17U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1 No	8617.00
1250	ELEC-7.1.25	Supply of 42U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1 No	11490.00
1251	ELEC-7.1.26	Supply of 6 Core (Indoor / Out door), Single mode armourd, Optic fibre cable of makes D Link / AMP / Molex / Legrand / Krone.	1 Mtr	64.00
1252	ELEC-7.1.27	Supply of 12 Core (Indoor / Out door), Single mode armourd, Optic fibre cable of makes D Link / AMP / Molex / Legrand / Krone.	1 Mtr	89.00
1253	ELEC-7.1.28	Supply of 6 port fibre distribution unit. (FDU / LIU) loaded with couplers etc complete of makes D Link / AMP / Molex / Legrand / Krone.	1 No	6383.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1254	ELEC-7.1.29	Supply of 12 port fibre distribution unit. (FDU / LIU) loaded with couplers etc complete of makes D Link / AMP / Molex / Legrand / Krone.	1 No	8085.00
1255	ELEC-7.1.30	Supply of Subscriber connector (SC) to SC / LC patch card of 1 Mtr length of makes D Link / AMP / Molex / Legrand / Krone.	1 No	1702.00
1256	ELEC-7.1.31	Supply of Pigtails for fibre core connectivity of makes D Link / AMP / Molex / Legrand / Krone.	1 No	298.00
1257	ELEC-7.1.32	Supply of Cat 6 RJ-45 information outlets including Single face plate of makes D Link / AMP / Molex / Legrand / Krone.	1 No	213.00
<b>RACEWAYS AND JUNCTION BOXES</b>				
1258	ELEC-7.1.33	Supply of 100mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1 Mtr	409.00
1259	ELEC-7.1.34	Supply of 150mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1 Mtr	538.00
1260	ELEC-7.1.35	Supply of 300mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1 Mtr	920.00
1261	ELEC-7.1.36	Supply of 100mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1 Mtr	387.00
1262	ELEC-7.1.37	Supply of 150mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1 Mtr	498.00
1263	ELEC-7.1.38	Supply of 300mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1 Mtr	898.00
1264	ELEC-7.1.39	Supply of 172mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways.	1 No	302.00
1265	ELEC-7.1.40	Supply of 222mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways.	1 No	382.00
1266	ELEC-7.1.41	Supply of 372mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways.	1 No	738.00
<b>8.1 MISCELLANEOUS ITEMS</b>				
1267	ELEC-8.1.1	Supply of single fancy bracket with glass shade best Indian make	1 No	191.00
1268	ELEC-8.1.2	Supply of double fancy bracket with glass shade best Indian make	1 No	342.00
1269	ELEC-8.1.3	Supply of 10" ceiling fittings with glass doom best Indian make	1 No	172.00
1270	ELEC-8.1.4	Supply of Bulk head fitting with cast aluminium enamel painted body with water tight, clear glass with wire guard hinged with lock and key arrangements etc., complete of makes Bajaj / Crompton / Surya.	1 No	352.00
1271	ELEC-8.1.5	TW Seperators / Gutties	100 Nos	157.00
1272	ELEC-8.1.6	Rawl Plugs	100 Nos	27.00
1273	ELEC-8.1.7	U Nails	100 Nos	42.00
1274	ELEC-8.1.8	Alluminium Link Clips	144 Nos	52.00
1275	ELEC-8.1.9	50 mm G.I.Nut and Bolts.	1 Set	12.00
1276	ELEC-8.1.10	63 to 100 mm G.I.Nut and Bolts.	1 Set	23.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1277	ELEC-8.1.11	50 mm 0 Gauge Nails	1 Doz	42.00
1278	ELEC-8.1.12	63 to 100 mm 0 Gauge Nails	1 Doz	70.00
1279	ELEC-8.1.13	Hard Coke	1 Kg	9.00
1280	ELEC-8.1.14	Salt	1 Kg	4.00
1281	ELEC-8.1.15	PVC Cleats 2 Way	100 Nos	314.00
1282	ELEC-8.1.16	PVC Cleats 4 Way	100 Nos	419.00
1283	ELEC-8.1.17	Binding Wire	1 Kg	58.00
1284	ELEC-8.1.18	PVC / Cotton Insulation tape Role ( 10 Mtrs)	1 No	16.00
1285	ELEC-8.1.19	C.I.Knob	1 No	12.00
1286	ELEC-8.1.20	Stay tight set (Jum bracket 300 mm)	1 Pair	289.00
1287	ELEC-8.1.21	Stay clamp with bolts and Nuts)	1 Set	185.00
1288	ELEC-8.1.22	L.T.Guy insulator	1 No	49.00
1289	ELEC-8.1.23	12 / 15 MS plain rod fan hook	1 No	21.00
1290	ELEC-8.1.24	19 / 20 mm Steel tube fan down rod	1 Mtr	63.00
1291	ELEC-8.1.25	Consealed box PVC / MS with hook for fan	1 No	84.00
1292	ELEC-8.1.26	Coil Earthing	1 No	63.00
1293	ELEC-8.1.27	Cable root Indicators	1 No	79.00
1294	ELEC-8.1.28	40 mm x 40 mm x 6 mm angle iron with I bolt.	1 Set	230.00
1295	ELEC-8.1.29	Mild Steel Items	1 Kg	58.00
1296	ELEC-8.1.30	Acrylic Cover of size 4" x 7" for night lamps.	1 No	16.00
1297	ELEC-8.1.31	TW / PVC Round Blocks	1 No	7.00
1298	ELEC-8.1.32	G.I.Funnel with Mesh 1/2" x 4"	1 No	79.00
1299	ELEC-8.1.33	Asbestos Sheet	1 Sqft	21.00
1300	ELEC-8.1.34	First Aid box 18" x 12" x 8"	1 No	1048.00
1301	ELEC-8.1.35	11 KV/22 KV Hand gloves	1 No	147.00
1302	ELEC-8.1.36	Copper plate / Copper strip (Per K.G)	1 Kg	538.00
1303	ELEC-8.1.37	No. 8/10 SWG copper wire (per K.G)	1 Kg	538.00
1304	ELEC-8.1.38	PVC Insulated copper winding wire of fine quality (per K. G)	1 Kg	645.00
1305	ELEC-8.1.39	No. 14 SWG copper wire (per K. G)	1 Kg	538.00
1306	ELEC-8.1.40	Copper winding wire (per K. G)	1 Kg	623.00
1307	ELEC-8.1.41	G.I. Strip / Plate / Wire (per K. G)	1 Kg	60.00
1308	ELEC-8.1.42	Alluminum Bus bars/Strips/accessories	1 Kg	208.00
1309	ELEC-8.1.43	Alluminum winding wire	1 Kg	286.00
1310	ELEC-8.1.44	6.2 Volt series bulb (25 Nos.)	25 Nos	81.00
1311	ELEC-8.1.45	6.2 Volt series bulb with navar plate(25 Nos.)	25 Nos	86.00
1312	ELEC-8.1.46	Supply of Rotating machine	1 No	14667.00
1313	ELEC-8.1.47	Supply and fixing of 6mm thick MS Chekered plate.	1 Kg	60.00
1314	ELEC-8.1.48	Supply and fixing of 6mm thick Alluminium Chekered plate.	1 Kg	236.00
1315	ELEC-8.1.49	Copper old winding Wire scrap for 1 Kg	1 Kg	147.00
1316	ELEC-8.1.50	Cement	1 Kg	7.00
1317	ELEC-8.1.51	Hylam Sheet	1 sq. inch	0.60
1318	ELEC-8.1.52	Earth work excacvation including all soils for trench, Pole Pit and Earth Pit.	1 Cum	220.00
1319	ELEC-8.1.53	Cost of Sand	1 Cum	594.00
1320	ELEC-8.1.54	Cost of Bricks	1000 Nos	3819.00
1321	ELEC-8.1.55	25mm Nominal Bore light grade G.I.Pipe	1 Mtr	201.00
1322	ELEC-8.1.56	25mm Nominal Bore Medium grade G.I.Pipe	1 Mtr	215.00
1323	ELEC-8.1.57	40mm Nominal Bore light grade G.I.Pipe	1 Mtr	316.00
1324	ELEC-8.1.58	40mm Nominal Bore Medium grade G.I.Pipe	1 Mtr	339.00
1325	ELEC-8.1.59	Drilling of 16 Nos through holes of 12mm dia to G.I pipe	1 No	5.00
1326	ELEC-8.1.60	G.I Nuts, Bolts an Washers each set	1 Set	10.00
1327	ELEC-8.1.61	18" dia 2" thick hume pipe ring	1 No	220.00
1328	ELEC-8.1.62	18" dia 3" hume pipe ring	1 No	275.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1329	ELEC-8.1.63	2" thick CC cover for hume pipe ring with handle.	1 No	121.00
1330	ELEC-8.1.64	Supply of Saddle / Clamps suitable for fixing 2 Core 4 to 10 Sqmm Cable.	100 Nos	221.00
1331	ELEC-8.1.65	Supply of Saddle / Clamps suitable for fixing 4 Core 4 & 6 Sqmm Cable.	100 Nos	221.00
1332	ELEC-8.1.66	Supply of Saddle / Clamps suitable for fixing 4 Core 10 & 16 Sqmm Cable.	100 Nos	279.00
1333	ELEC-8.1.67	Supply of Saddle / Clamps suitable for fixing 3.5 Core 25 & 35 Sqmm Cable.	100 Nos	340.00
1334	ELEC-8.1.68	Supply of Saddle / Clamps suitable for fixing 3.5 Core 50 Sqmm Cable.	100 Nos	484.00
1335	ELEC-8.1.69	Supply of Saddle / Clamps suitable for fixing 3.5 Core 70 & 95 Sqmm Cable.	100 Nos	538.00
1336	ELEC-8.1.70	Supply of Saddle / Clamps suitable for fixing 3.5 Core 120 to 185 Sqmm Cable.	100 Nos	645.00
1337	ELEC-8.1.71	Supply of Saddle / Clamps suitable for fixing 3.5 Core 240 & 300 Sqmm Cable.	100 Nos	807.00
1338	ELEC-8.1.72	Supply of Saddle / Clamps suitable for fixing 3.5 Core 400 Sqmm Cable.	100 Nos	1076.00
1339	ELEC-8.1.73	Supply and fixing of Anchor fastner with fan hook / Providing MS Fan hook with grouting and cement plastering.	1 No	78.00
<b>LABOUR RATES</b>				
1340	ELEC-8.1.74	Skilled Electrician	1 No	440.00
1341	ELEC-8.1.75	Semi Skilled Electrician / Lineman	1 No	375.00
1342	ELEC-8.1.76	Skilled Mason	1 No	385.00
1343	ELEC-8.1.77	Semi Skilled Mason	1 No	345.00
1344	ELEC-8.1.78	Skilled Welder	1 No	385.00
1345	ELEC-8.1.79	Semi Skilled Welder	1 No	
1346	ELEC-8.1.80	Skilled Fitter	1 No	385.00
1347	ELEC-8.1.81	Semi Skilled Fitter	1 No	345.00
1348	ELEC-8.1.82	Helper (Electrical)	1 No	345.00
1349	ELEC-8.1.83	Skilled Carpenter	1 No	385.00
1350	ELEC-8.1.84	Semi Skilled Carpenter	1 No	345.00
1351	ELEC-8.1.85	Man Mazdoor	1 No	295.00
1352	ELEC-8.1.86	DG Set operator/Air Compressor	1 No	385.00
1353	ELEC-8.1.87	2nd Class DG Set operator/Air Com	1 No	345.00
1354	ELEC-8.1.88	Plumber (Licensed)/Pipe Fitter	1 No	440.00
1355	ELEC-8.1.89	Painter Class -2	1 No	345.00
1356	ELEC-8.1.90	Diploma Engineer / Surveyor	1 No	550.00
1357	ELEC-8.1.91	Graduate Engineer	1 No	735.00
1358	ELEC-8.1.92	ITI Certificate holder	1 No	440.00
1359	ELEC-8.1.93	Stenographer / Computer Operator	1 No	485.00
<b>9.1 WIRELESS FIRE ALARAM SYSTEM</b>				
1360	ELEC-9.1.1	Supply and fixing of wireless smoke detection control panel of 28 wireless zones, 2 Hard wired Zones, Tamper Alert, Pass code protected, RF jamming recognition, diagnostic feature for RF signal strength between panel and each detector, vent reporting using PSTN telephone line, dialing upto 4 telephone numbers, event reporting as per users choice, LCD screen display, two way voice interaction, battery backup stand by time up to 12 hrs. (Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete.	1 No	33206.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1361	ELEC-9.1.2	Supply and fixing of Wireless Repeater.The wireless repeater extends the communication range of detection by relaying data between receiver and remote wireless transmitter. (Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete.	1 No	7843.00
1362	ELEC-9.1.3	Supply and fixing of Wireless Siren Strobe external wireless siren - a fully supervised power code outdoor (IP55) wireless Siren and strobe light. Designed for external installation. Wire - Free connection between control panel and siren. Convenient rapid no- mess installation. Separate fire alarm signals, 98db Piezo siren and high power strobe light. Weather resistant, IP55, 2-way communication for local and remote diagnostics. Plug-in power supply, NIMH rechargeable back-up power battery, transmits status, tamper, low-battery, supervisory and AC loss messages to the control panel, Tri- State tamper switch identifies screw manipulation removal of cover or playing from the wall.(Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete.	1 No	10981.00
1363	ELEC-9.1.4	Supply and fixing of wireless Fully Supervised Smoke Detector, Photoelectric detection technology for superior detection sensitivity , sound and transmitted for smoke, tamper and low battery, works on power code protocol, easy programming and enrolling to the control panel, long life 9 volt alkaline or lithium battery. (Cease Fire / Visonic / Honeywell) Including transportation, all taxes and all labour charges etc complete.	1 No	5491.00
	<b>9.2</b>	<b>ADDRESSABLE - FIRE ALARM SYSTEM</b>		
1364	ELEC-9.2.1	Supply, Installation, testing and commissioning of wall <b>mounting 10 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 10 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1 No	542323.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1365	ELEC-9.2.2	Supply, Installation, testing and commissioning of wall mounting 10 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 10 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1 No	504921.00
1366	ELEC-9.2.3	Supply, Installation, testing and commissioning of wall <b>mounting 8 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 8 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Notifier / Edwards).	1 No	392717.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1367	ELEC-9.2.4	Supply, Installation, testing and commissioning of wall mounting 8 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 8 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1 No	351575.00
1368	ELEC-9.2.5	Supply, Installation, testing and commissioning of wall <b>mounting 6 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 6 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Notifier / Edwards).	1 No	362795.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1369	ELEC-9.2.6	Supply, Installation, testing and commissioning of wall mounting 6 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 6 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Siemens / Morley / Bosch).	1 No	325394.00
1370	ELEC-9.2.7	Supply, Installation, testing and commissioning of wall <b>mounting 4 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 4 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1 No	243110.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1371	ELEC-9.2.8	Supply, Installation, testing and commissioning of wall mounting 4 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 4 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1 No	216929.00
1372	ELEC-9.2.9	Supply, Installation, testing and commissioning of wall <b>mounting 2 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 2 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1 No	205709.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1373	ELEC-9.2.10	Supply, Installation, testing and commissioning of wall mounting 2 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 2 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1 No	183268.00
1374	ELEC-9.2.11	Supply, Installation, testing and commissioning of wall <b>mounting 1 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 1 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1 No	187008.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1375	ELEC-9.2.12	Supply, Installation, testing and commissioning of wall mounting 1 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 1 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1 No	164567.00
1376	ELEC-9.2.13	Supply, Installation, testing and commissioning of intellegent analogue addressable Repeater panel including the cost of mounting accessories complete as per specification as required. (Makes: Notifier / Edwards).	1 No	93504.00
1377	ELEC-9.2.14	Supply, Installation, testing and commissioning of intellegent analogue addressable Repeater panel including the cost of mounting accessories complete as per specification as required. (Makes: Siemens / Morley / Bosch).	1 No	83780.00
1378	ELEC-9.2.15	Supply and fixing of addressable wall mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required including testing and commissioning. (Makes: Notifier / Edwards).	1 No	5050.00
1379	ELEC-9.2.16	Supply and fixing of addressable wall mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required including testing and commissioning. (Makes: Siemens / Morley / Bosch).	1 No	4488.00
1380	ELEC-9.2.17	Supply and installation of addressable analogue manual call point with resetable flexible element to initiate alaram including the cost of mounting accessories etc. complete. (Makes: Notifier / Edwards).	1 No	4900.00
1381	ELEC-9.2.18	Supply and installation of addressable analogue manual call point with resetable flexible element to initiate alaram including the cost of mounting accessories etc. complete. (Makes: Siemens / Morley / Bosch).	1 No	4413.00
1382	ELEC-9.2.19	Supply and instllation of intallegent analogue addressable photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories. (Makes: Notifier / Edwards).	1 No	5012.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1383	ELEC-9.2.20	Supply and instillation of intallegent analogue addressable photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories. (Makes: Siemens / Morley / Bosch).	1 No	4488.00
1384	ELEC-9.2.21	Supply and installation of intallegent analogue addressable rate of rise cum fixed temparature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Notifier / Edwards).	1 No	3983.00
1385	ELEC-9.2.22	Supply and installation of intallegent analogue addressable rate of rise cum fixed temparature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1 No	3591.00
1386	ELEC-9.2.23	Supply and installation of intalligent analogue addressable multi criterion detectors below false ceiling/on ceiling including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Notifier / Edwards).	1 No	4862.00
1387	ELEC-9.2.24	Supply and installation of intalligent analogue addressable multi criterion detectors below false ceiling/on ceiling including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1 No	4376.00
1388	ELEC-9.2.25	Supply and Installation of Intalligent analogue addressable Control Modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Notifier / Edwards).	1 No	4114.00
1389	ELEC-9.2.26	Supply and Installation of Intalligent analogue addressable Control Modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1 No	3665.00
1390	ELEC-9.2.27	Supply and Installation of Intalligent analogue addressable monitor modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Notifier / Edwards).	1 No	4114.00
1391	ELEC-9.2.28	Supply and Installation of Intalligent analogue addressable monitor modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1 No	3665.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1392	ELEC-9.2.29	Supply and Installation of Intalligent analogue addressable fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required. (Makes: Notifier / Edwards).	1 No	3366.00
1393	ELEC-9.2.30	Supply and Installation of Intalligent analogue addressable fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required. (Makes: Siemens / Morley / Bosch).	1 No	2992.00
	<b>9.3</b>	<b>CONVENTIONAL - FIRE ALARM SYSTEM</b>		
1394	ELEC-9.3.1	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 2 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1 No	5906.00
1395	ELEC-9.3.2	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 4 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1 No	7087.00
1396	ELEC-9.3.3	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 6 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1 No	9843.00
1397	ELEC-9.3.4	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 8 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1 No	11417.00
1398	ELEC-9.3.5	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 10 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1 No	14567.00
1399	ELEC-9.3.6	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 12 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1 No	16142.00
1400	ELEC-9.3.7	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 14 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1 No	19685.00
1401	ELEC-9.3.8	Supply and installation of Repeater panel including the cost of mounting accessories complete as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle)	1 No	9843.00
1402	ELEC-9.3.9	Supply and installation of duel tone electronic hooter of 85dB including the cost of mounting accessories complete as per specifications and as required.	1 No	531.00
1403	ELEC-9.3.10	Supply and installation of dust and vermin proof manual call point to initiate audio visual alarm including the cost of mounting accessories complete as per specifications and as required.	1 No	512.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1404	ELEC-9.3.11	Supply and installation of response indicators for above false ceiling detectors.	1 No	118.00
1405	ELEC-9.3.12	Supply and installation of plug - in type multi criterion detectors including the cost of base plate. 75mm dia M.S. outlet box for fixing of the detector base. Mounting accessories etc., complete as per specifications as required. (Makes: System Censor / Ravel / Pinnacle)	1 No	1417.00
1406	ELEC-9.3.13	Supply and installation of plug -in type photo electric smoke detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base. Mounting accessories etc complete and as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle)	1 No	1378.00
1407	ELEC-9.3.14	Supply and installation of plug -in type rate of rise cum fixed temperature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle)	1 No	1339.00
	<b>9.4</b>	<b>FIRE EXTINGUISHERS</b>		
1408	ELEC-9.4.1	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, <b>10 kg capacity</b> , ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-90 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, Insta Alert facility, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	7094.00
1409	ELEC-9.4.2	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, <b>10 kg capacity</b> , ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-50 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	5035.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1410	ELEC-9.4.3	Supply and fixing of ISI make ABC Power <b>MAP 5 Kg Fire extinguisher</b> Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	4851.00
1411	ELEC-9.4.4	Supply and fixing of ISI make ABC Power MAP 5 Kg Fire extinguisher Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	3135.00
1412	ELEC-9.4.5	Supply and fixing of ISI make ABC Power <b>MAP 2 Kg Fire extinguisher</b> Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	3261.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1413	ELEC-9.4.6	Supply and fixing of ISI make ABC Power MAP 2 Kg Fire extinguisher Mono ammonium phosphate power 50, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	2120.00
1414	ELEC-9.4.7	Supply and fixing of ISI make Ceiling Mounted <b>ABC MAP 90, 5 Kg stored pressure type</b> , pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, Insta - alert, ISI & EN approved with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	5217.00
1415	ELEC-9.4.8	Supply and fixing of ISI make Ceiling Mounted ABC MAP 50, 5 Kg stored pressure type, pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, ISI & EN approved with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	4204.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1416	ELEC-9.4.9	Supply and fixing of 2 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 3.6Kg empty weight 1.6 Kg, can weight 341mm, Diameter 108mm, discharge time minimum 6 secs, controllable discharge mechanism, range minimum 2 meters, applicable on class A,B,C and electrically started Fire, A rating 5A, B rating 34B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyster powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.(Makes: <b>Ceasefire / Minimax</b> )	1 No	10921.00
1417	ELEC-9.4.10	Supply and fixing of 4 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 6.9Kg empty weight 2.9 Kg, can weight 435mm, Diameter 140mm, discharge time minimum 9 secs, controllable discharge mechanism, range minimum 4 meters, applicable on class A,B,C and electrically started Fire, A rating 8A, B rating 55B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyster powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty.(Makes: <b>Ceasefire / Minimax</b> )	1 No	19224.00
1418	ELEC-9.4.11	Supply and fixing of Co2 type Fire Extinguishers <b>4.5 Kg capacity</b> confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	7843.00
1419	ELEC-9.4.12	Supply and fixing of Co2 type Fire Extinguishers 4.5 Kg capacity confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1 No	5880.00
1420	ELEC-9.4.13	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 2 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. ( <b>Makes: Minimax / Safex / Kenex / Reliance</b> )	1 No	1654.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1421	ELEC-9.4.14	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 5 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. <b>(Makes: Minimax / Safex / Kenex / Reliance)</b>	1 No	2441.00
1422	ELEC-9.4.15	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 10 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. <b>(Makes: Minimax / Safex / Kenex / Reliance)</b>	1 No	3228.00
1423	ELEC-9.4.16	Supply and fixing of Escape signage boards in Rigid Photo luminescent based glow in Dark rigid sheet with high intensity luminous properties with specificaiton of Cease Fire or its equivalent make Model-1ES01	1 No	1024.00
1424	ELEC-9.4.17	Supply and fixing of Cease fire or its equivalent Escape gear Mild Steel box size 425mmx360mmx140mm Epoxy powder coated to protect it from Weathering , smoke hood tested to Eupropean Standard EN 403 1993-S known to reduce Carbon Monoxide, propend(acrloein), hydrogen chloride, hydrogen Cyanide and Solid and liquid toxic particles to manageable level for atleast 15 minutes shall with stand teampertures upto 80 degrees single use only Fire Blanket size 1.2m x1.8m used to cover any vessel containing used to Extinguish a clothing fire wrap blanket around the victim.	1 No	11819.00
1425	ELEC-9.4.18	Supply and fixing of 4Nos of 9 Ltrs capacity round bottom sand buckets along with bucket sand, Fire buckets with round bottom type enamel painted, white inside & red out side and letter FIRE inblack out side & Handle with mounting bracket.	1 Set	945.00
1426	ELEC-9.4.19	Supply anmd fixing of Fire bucket stand fabricated by M.S. angles to install for two numbers of buckets as per local fire officers standards.	1 Set	787.00
	<b>9.5</b>	<b>FIRE HYDRANT AND SPRINKLER SYSTEM</b>		
1427	ELEC-9.5.1	Supplying, installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following complete in all respect as required  a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 1620 lpm at 56 Mtr. head</b> conforming to IS 1520 b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325 c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.	1 Set	318920.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1428	ELEC-9.5.2	<p>d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&amp;Platt. Makes of Motors: Siemens/ ABB/ Kirloskar</p> <p>Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p>	1 Set	351350.00
1429	ELEC-9.5.3	<p>a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 2280 lpm</b> at <b>70 Mtr. head</b> conforming to IS 1520</p> <p>b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&amp;Platt. Makes of Motors: Siemens/ ABB/ Kirloskar</p> <p>Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required.</p>	1 Set	402160.00
1430	ELEC-9.5.4	<p>a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 2850 lpm</b> at <b>70 Mtr. head</b> conforming to IS 1520</p> <p>b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&amp;Platt. Makes of Motors: Siemens/ ABB/ Kirloskar</p> <p>Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p>	1 Set	421620.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
		<p>a) Horizontal type, multistage, centrifugal pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 1620 lpm at 56 Mtr head</b> conforming to IS 1520</p> <p>b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p>Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&amp;Platt</p>		
1431	ELEC-9.5.5	<p>Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p> <p>a) Horizontal type, multistage, centrifugal pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 2280 lpm at 70 Mtr head</b> conforming to IS 1520</p> <p>b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p>Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&amp;Platt</p>	1 Set	610810.00
1432	ELEC-9.5.6	<p>Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p>	1 Set	686490.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

		<p>a) Horizontal type, multistage, centrifugal pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 2850 lpm at 70 Mtr head</b> conforming to IS 1520</p> <p>b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick aluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p>Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&amp;Platt</p>		
1433	ELEC-9.5.7	<p>Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p> <p>a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER &amp; gland packing ,capacity 171 Cum/hr (2850 LPM) at total head 70 M at operating speed 2900 rpm. Pump duty as per TAC</p> <p>b) 55 KW / 75 HP, 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p>Makes of Pumps: Kirloskar / Mather&amp;Platt. Makes of Motors: Siemens/ ABB/ Kirloskar</p>	1 Set	242120.00
1434	ELEC-9.5.8	<p>Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p> <p>a) End suction back pull out pump, Std fitted with BRONZE Impeller &amp; gland packing, capable of delivering 171 Cum/hr(2850 LPM) at a total head of 70 M when operated at 1800 rpm and pump duty as per TAC</p>	1 Set	501125.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1435	ELEC-9.5.9	<p>b) Liquid cooled, 85 BHP at 1800 rpm, diesel engine (Radiator cooled) 12 Volts starting system with standard accessories</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p>Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&amp;Platt</p> <p>Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p>	1 Set	197070.00
1436	ELEC-9.5.10	<p>a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER &amp; gland packing ,capacity 137 Cum/hr (2280 LPM) at total head 70 mwc at operating speed 2900 rpm. Pump duty as per TAC</p> <p>b) 45 KW / 60 HP, 3000 srpm, TEFC (IP55) Horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 225 M frame</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p>Makes of Pumps: Kirloskar / Mather&amp;Platt. Makes of Motors: Siemens/ ABB/ Kirloskar</p> <p>Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p>	1 Set	399775.00
1437	ELEC-9.5.11	<p>a) End suction back pull out pump, Std fitted with BRONZE Impeller &amp; gland packing, capable of delivering 137 Cum/hr(2280 LPM) at a total head of 70 M when operated at 2150 rpm and pump duty as per TAC</p> <p>b) Liquid cooled, 68 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories</p> <p>c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.</p> <p>d) Suitable cement concrete foundation duly plastered with anti vibration pads.</p> <p>Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&amp;Platt</p> <p>Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required</p>	1 Set	145270.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 97 Cum/hr (1620 LPM) at total head 56 mwc at operating speed 2900 rpm. Pump duty as per TAC

b) 30 KW / 40 HP, 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.

c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.

d) Suitable cement concrete foundation duly plastered with anti vibration pads.

Makes of Pumps: Kirloskar / Mather&Platt.

Makes of Motors: Siemens/ ABB/ Kirloskar

1438	ELEC-9.5.12	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	349100.00
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a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 97 Cum/hr(1620 LPM) at a total head of 56 M when operated at 2150 rpm and pump duty as per TAC

b) Liquid cooled, 50 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories

c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.

d) Suitable cement concrete foundation duly plastered with anti vibration pads.

Makes of Engines : Kirloskar / Cummins.

Makes of Pumps : Kirloskar / Mather&Platt

1439	ELEC-9.5.13	Supplying , installation , testing and commissioning of electric driven pressurisation / Jockey pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	49550.00
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a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of **180 lpm at 56 Mtr head** conforming to IS 1520

b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325

c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.

d) Suitable cement concrete foundation duly plastered with anti vibration pads.

Makes of Pumps : Kirloskar / Mather&Platt.

Makes of Motors : Siemens/ ABB/ Kirloskar

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1440	ELEC-9.5.14	<p>Supplying , installation , testing and commissioning of electric driven pressurisation / Jockey pump suitable for automatic operation and consisting of following : complete in all respect as required</p> <p>a) Horizontal type, multistage, centrifugal pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal and flow of <b>180 lpm at 70 Mtr head</b> conforming to IS 1520  b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325  c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.  d) Suitable cement concrete foundation duly plastered with anti vibration pads.  Makes of Pumps : Kirloskar / Mather&amp;Platt.  Makes of Motors : Siemens/ ABB/ Kirloskar</p>	1 Set	70140.00
1441	ELEC-9.5.15	<p>Supplying , installation , testing and commissioning of electric driven Terrace / Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.</p> <p>a) Horizontal type, multistage, centrifugal pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal and flow of <b>900 lpm at 45 Mtr head</b> conforming to IS 1520  b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325  c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.  d) Suitable cement concrete foundation duly plastered with anti vibration pads.  Makes of Pumps : Kirloskar / Mather&amp;Platt.  Makes of Motors : Siemens / ABB / Kirloskar</p>	1 Set	56260.00
1442	ELEC-9.5.16	<p>Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.</p> <p>a) Horizontal type, centrifugal End Suction pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal and flow of 900 lpm at 45 Mtr head conforming to IS 1520  b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 9.3 KW / 12.5HP, 2 pole, TEFC, 415 V, 3ph motor  c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.  d) Suitable cement concrete foundation duly plastered with anti vibration pads.  Makes : Kirloskar</p>	1 Set	43600.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1443	ELEC-9.5.17	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.  a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 750 lpm at 35 Mtr head conforming to IS 1520 b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 7.5 KW / 10 HP, 2 pole, TEFC, 415 V, 3ph motor c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required. d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar	1 Set	41660.00
1444	ELEC-9.5.18	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.  a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 450 lpm at 35 Mtr head conforming to IS 1520 b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 5 KW / 7.5 HP, 2 pole, TEFC, 415 V, 3ph motor c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required. d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar Providing , laying, testing & Commissioning of following classes MS pipes conforming to IS 3589 and 1239 including fittings like elbows, tees, flanges, tapers, nuts, bolts, gaskets etc., complete. Makes: Jindal / Hissar / Tata pipes	1 Set	38325.00
1445	ELEC-9.5.19	(a) 250 mm dia	1 Mtr	2760.00
1446	ELEC-9.5.20	(b) 200 mm dia 'C' Class	1 Mtr	2730.00
1447	ELEC-9.5.21	(c) 200 mm dia 'B' Class	1 Mtr	2380.00
1448	ELEC-9.5.22	(d) 150 mm dia 'C' Class	1 Mtr	2040.00
1449	ELEC-9.5.23	(e) 150 mm dia 'B' Class	1 Mtr	1640.00
1450	ELEC-9.5.24	(f) 100 mm dia 'C' Class	1 Mtr	1290.00
1451	ELEC-9.5.25	(g) 100 mm dia 'B' Class	1 Mtr	1085.00
1452	ELEC-9.5.26	(h) 80 mm dia 'C' Class	1 Mtr	850.00
1453	ELEC-9.5.27	(i) 80 mm dia 'B' Class	1 Mtr	760.00
1454	ELEC-9.5.28	(j) 65 mm dia 'C' Class	1 Mtr	640.00
1455	ELEC-9.5.29	(k) 65 mm dia 'B' Class	1 Mtr	575.00
1456	ELEC-9.5.30	(l) 50 mm dia 'C' Class	1 Mtr	510.00
1457	ELEC-9.5.31	(m) 50 mm dia 'B' Class	1 Mtr	450.00
1458	ELEC-9.5.32	(n) 40 mm dia	1 Mtr	435.00
1459	ELEC-9.5.33	(o) 32 mm dia 'C' Class	1 Mtr	340.00
1460	ELEC-9.5.34	(p) 32 mm dia 'B' Class	1 Mtr	280.00
1461	ELEC-9.5.35	(q) 25 mm dia 'C' Class	1 Mtr	255.00
1462	ELEC-9.5.36	(r) 25 mm dia 'B' Class	1 Mtr	230.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1463	ELEC-9.5.37	Supplying and fixing single headed Internal / External hydrant valve with instantaneous Gun metal couplings of 63mm dia with Cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gun Metal cap and chain as required. Makes:Audco / Kirloskar / BDK /H Shankar/ Leader/ Zolotto / Intervolve. Supplying, fixing, testing and commissioning of butterfly valve PN 1.6, with Bronze / Gun metal seat duly ISI marked complete with Nuts, Bolts, Washers, gaskets, conforming to IS 13095 of following sizes as required. Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervolve.	1 No	6915.00
1464	ELEC-9.5.38	(a) 250 mm . dia	1 No	10660.00
1465	ELEC-9.5.39	(b) 200 mm . dia	1 No	4510.00
1466	ELEC-9.5.40	(c) 150 mm dia	1 No	3700.00
1467	ELEC-9.5.41	(d) 100 mm dia	1 No	2895.00
1468	ELEC-9.5.42	(e) 80 mm dia Providing, installation, testing and commissioning of dual plate non - return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervolve.	1 No	2640.00
1469	ELEC-9.5.43	(a) 200 mm dia	1 No	4255.00
1470	ELEC-9.5.44	(b) 150 mm dia	1 No	3405.00
1471	ELEC-9.5.45	(c) 100 mm dia	1 No	3170.00
1472	ELEC-9.5.46	(d) 80 mm dia	1 No	2980.00
1473	ELEC-9.5.47	(e) 50 mm dia Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation, CED and taxes etc., complete. Operation done with worm actuator ISI marked Rate at Ex-Factory Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervolve.	1 No	1465.00
1474	ELEC-9.5.48	(a) 250 mm . dia	1 No	14470.00
1475	ELEC-9.5.49	(b) 200 mm . dia	1 No	10080.00
1476	ELEC-9.5.50	(c) 150 mm dia	1 No	6495.00
1477	ELEC-9.5.51	(d) 100 mm dia	1 No	4330.00
1478	ELEC-9.5.52	(e) 80 mm dia	1 No	3245.00
1479	ELEC-9.5.53	(f) 50 mm dia Providing, installation, testing and commissioning of gun metal valves of following sizes as required. Make: Newage/ Winco/ Padmini	1 No	2610.00
1480	ELEC-9.5.54	(a) 50 mm dia	1 No	1490.00
1481	ELEC-9.5.55	(b) 40 mm dia	1 No	1190.00
1482	ELEC-9.5.56	(c) 32 mm dia	1 No	1065.00
1483	ELEC-9.5.57	Supplying and fixing 63mm dia, 15 mtr long RRL hose pipe with 63mm dia Male and Female Gun metal / SS couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Make: Newage/ Winco/ Padmini	1 No	5225.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1484	ELEC-9.5.58	Supplying and fixing 63mm dia, 15 mtr long CP hose pipe with 63mm dia Male and Female Gun metal / SS couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Make: Newage/ Winco/ Padmini	1 No	4690.00
1485	ELEC-9.5.59	Supplying and fixing First -Aid Hose Reel with MS construction spray painted in Post office Red, Conforming to Is 884 with upto date amendments, complete with the following as required.  a) 36.6 Mtr Long 20mm (Nominal internal) dia water hose Thermoplastic / Textile reinforced / Rubber braided / Polypropylene Type - 2 as per IS:12585 Make: Eversafe/ Reliance/ Newage/ SRI b) 20mm (Nominal internal) dia gun metal globe valve and nozzle. Make: Newage/ Winco/ Padmini c) Drum and brackets for fixing the equipments on wall.	1 No	6380.00
1486	ELEC-9.5.60	d) Connections from riser with 25mm dia stop valve (gun metal) & MS pipe. Supplying and fixing of hose cabinet of size 750mm X 600mm x 250mm made of No 16 gauge SWG CRCA sheet with 6mm thick glazed glass door including necessary locking arrangement suitable to accommodate 2 Nos 15 mtr long Hose pipe, 1 No branch pipe, mounted on wall OR raised brick platform and duly painted with Post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required.	1 No	2765.00
1487	ELEC-9.5.61	Supply and fixing 63mm dia Gun metal branch pipe with 20mm (Nominal internal diameter) size Gun metal / SS nozzle conforming to IS 903, suitable for instantaneous connection to interconnect hose pipe coupling as required. Make: Newage/ Winco/ Padmini	1 No	2155.00
1488	ELEC-9.5.62	Supply and fixing 4 way fire brigade connection of cast iron body with 4 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 150mm dia MS pipe connection, conforming to IS 904 as required.	1 No	7745.00
1489	ELEC-9.5.63	Supply and fixing 2 way fire brigade connection of cast iron body with 2 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 100mm dia MS pipe connection, conforming to IS 904 as required.	1 No	5870.00
1490	ELEC-9.5.64	Supply and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25mm dia Gun metal wheel valve, with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	1 No	13620.00



SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1491	ELEC-9.5.65	Providing fixing, testing and commissioning of 15mm size quartzoid bulb type sprinklers of rating 68° C. pendent / side wall with required accessories. Makes: HD / TYCO / VIKING / NEWAGE/ SHARP	1 No	415.00
1492	ELEC-9.5.66	Providing and fixing of Pressure Switch in the MS pipe Line including connection etc as required. Make : Danfoss / Indfoss / Approved makes	1 No	2130.00
1493	ELEC-9.5.67	Providing and fixing Flow Switches in 100mm dia MS pipe. Makes : System Sensor / Switzer / Approved makes	1 No	4575.00
1494	ELEC-9.5.68	Providing and fixing Flow Switches in 150 mm dia MS pipe. Makes : System Sensor / Switzer / Approved makes	1 No	6380.00
1495	ELEC-9.5.69	Supply, installation, testing and commissioning of Bourden type, stainless steel dial type pressure gauge with isolation valve and pipe having calibration of 0-16 kg/cm2. MAKE: HGURU / FIEBIG and Approved makes	1 No	575.00
1496	ELEC-9.5.70	Supply, installation, testing and commissioning of 25mm dia Gate valve Makes : Zoloto / Leader / Approved makes	1 No	1000.00
1497	ELEC-9.5.71	Supply, installation, testing and commissioning of 25mm dia Ball valve Makes : Zoloto / Leader / Approved makes	1 No	555.00
1498	ELEC-9.5.72	Supply, installation, testing and commissioning of 25 / 20mm dia Air Release Valve	1 No	1065.00
1499	ELEC-9.5.73	Providing, fixing, testing, commissioning of installation control valve of Cast iron body and brass / Bronze working parts comprising of water, motor alarm, bronze seat clapper, and clapper arm, hydraulically driven mechanical gong bell to sound continuous alarm when the Wet riser / Sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass , test control box, ball valves, Ms pipe of required size, flanges, orifice plate, gasket etc of size 150mm dia as required. Makes : HD / TYCO / NEWAGE  Supplying, installing, testing and commissioning approved make CI body Foot Valve with brass strainer with necessary flanges, nuts and bolts etc., complete on to the suction line.Rate as per the lowest quotation of Bharat Fire Safety Engineers. Makes:Normex & approved makes	1 No	8085.00
1500	ELEC-9.5.74	a) 200mm nominal dia	1 No	21100.00
1501	ELEC-9.5.75	b) 150mm nominal dia	1 No	11300.00
1502	ELEC-9.5.76	c) 100mm nominal dia	1 No	6340.00
1503	ELEC-9.5.77	d) 80mm nominal dia	1 No	4340.00
1504	ELEC-9.5.78	Supply and laying of 300mm dia NP2 RCC Hume pipe with Collars for Road crossings	AS per Civil SSR	

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

Supplying and wrapping the anticorrosive material for buried pipes with coating of Primer and wrapping with 4 mm thick polymer corrosion resistant tape as per IS : 10221 with 15 mm overlap as per specificatios.

1505	ELEC-9.5.79	a) 150mm nominal dia	1 Mtr	38.00
1506	ELEC-9.5.80	b) 100mm nominal dia	1 Mtr	34.00
1507	ELEC-9.5.81	c) 80mm nominal dia	1 Mtr	26.00
1508	ELEC-9.5.82	Supply, fabricating , installing structural steel supports for fixing all sizes of MS pipes from ceiling / wall with MS Channels, Angles, Flats, Rods, as required at site with anchor fasteners, Clamps, threaded rods, nuts, bolts,washers etc complete with painting.	1 Kg	51.00
1509	ELEC-9.5.83	Supply of 4 Core x 1.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1 Mtr	94.00
1510	ELEC-9.5.84	Supply of 4 Core x 2.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1 Mtr	128.00
1511	ELEC-9.5.85	Supply of 8 Core x 2.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1 Mtr	214.00
1512	ELEC-9.5.86	Supply of 10 Core x 1.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1 Mtr	182.00

#### 10.1 GENERATORS SPECIFICATION

Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.

**A. Alternator** : Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP23.

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

**B. Diesel Engine** : Kirloskar / Cummins / Mahindra & Mahindra Diesel Engine start, developing suitable -----  
----- BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - -KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc.

01. Exhaust pipe of required size and length with insulation or clading.

02. Diesel tank suitable for 8 to 12 Hours running capacity.

03. Residential Silencer.

04. SMF Batteries with leads as per the Manufacturer standards

1513	ELEC-10.1.1	15KVA, 3 Phase, 415, 50Hz, 19BHP, water cooled multi cylinder diesel generator set with alternator of 15 KVA out put continous rating at 0.8 p.f, Batteries. (SOR-2013-14-ELEC-10.1.1)	1 No	328404.00
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1514	ELEC-10.1.2	30KVA, 3 Phase, 415, 50Hz, 40 to 42 BHP, water cooled multi cylinder diesel generator set with alternator of 30KVA out put continous rating at 0.8 p.f, Batteries. (SOR-2013-14-ELEC-10.1.2)	1 No	422234.00
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1515	ELEC-10.1.3	40KVA, 3 Phase, 415, 50Hz, 56BHP, water cooled multi cylinder diesel generator set with alternator of 40 KVA out put continous rating at 0.8 p.f, and Batteries .	1 No	525447.00
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Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.

**A. Alternator** : Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP21.

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

**B. Diesel Engine :** Kirloskar / Cummins / Mahindra & Mahindra Diesel Engine start, developing suitable -----  
 ----- BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - -KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc.

01. Exhaust pipe of required size and length with insulation or clading.

02. Diesel tank suitable for 8 to 12 Hours running capacity.

03. Residential Silencer.

04. SMF Batteries with leads as per the Manufacturer standards

**C. AMF Control Panel:-** AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following.

01. Voltmeter with selector switch.

02. 4 Pole MCCB incomer of -----A rating of Schenieder / L&T make for EB and DG .

03. Ammeter with selector switch with CTs.

04. PF Meter and frequency Meter.

05. Indicator lamps (set Run, Load ON) with fuses.

06. KWH Meter of required rating.

07. Set of control fuses and current transformer.

08. Input Terminal board and output Terminal Board.

09. Battery charger with transformer rectifier unit.

10. Alternator supply air break contactor of L&T make.

11. Main supply air break contactor of L&T make.

12. Audio Visual annunciation .

13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.

14. Control cable up to 15 Mtrs 2.5Sqmm 6 Core

1516	ELEC-10.1.4	63.00KVA, 3 Phase, 415, 50Hz, 78 to 83BHP, water cooled multi cylinder diesel generator set with alternator of 63KVA out put continous rating at 0.8 p.f, and Batteries .	1 No	686000.00
1517	ELEC-10.1.5	125KVA, 3 Phase, 415, 50Hz, 154BHP, water cooled multi cylinder diesel generator set with alternator of 125 KVA out put continous rating at 0.8 p.f, and Batteries .	1 No	931000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.

**A. Alternator** : Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 or latest version with regulation of +5% from no load to full load. degree of protections shall be IP23.

**B.Diesel Engine** : Kirloskar / Cummins / Catterpillar Diesel Engine start, developing suitable ----- BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - - - KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc.

01. Exhaust pipe of required size and length with insulation or clading.
02. Diesel tank suitable for 8 to 12 Hours running capacity.
03. Residential Silencer.
04. SMF Batteries with leads as per the Manufacturer standards

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	

**C. AMF Control Panel:-** AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following.

01. Voltmeter with selector switch.
02. 4 Pole MCCB incomer of -----A rating of Schenieder / L&T make for EB and DG .
03. Ammeter with selector switch with CTs.
04. PF Meter and frequency Meter.
05. Indicator lamps (set Run, Load ON) with fuses.
06. KWH Meter of required rating.
07. Set of control fuses and current transformer.
08. Input Terminal board and output Terminal Board.
09. Battery charger with transformer rectifier unit.
10. Alternator supply air break contactor of L&T make.
11. Main supply air break contactor of L&T make.
12. Audio Visual annunciation .
13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons.
14. Control cable up to 15 Mtrs 2.5Sqmm 6 Core
14. Control cable up to 15 Mtrs 2.5Sqmm 6 Core

1518	ELEC-10.1.6	160KVA, 3 Phase, 415, 50Hz, 200BHP, water cooled multi cylinder diesel generator set with alternator of 160 KVA out put continous rating at 0.8 p.f, and Batteries .	1 No	1219790.00
1519	ELEC-10.1.7	250KVA, 3 Phase, 415, 50Hz, 310BHP, water cooled multi cylinder diesel generator set with alternator of 250 KVA out put continous rating at 0.8 p.f, and Batteries	1 No	1876600.00
1520	ELEC-10.1.8	320KVA, 3 Phase, 415, 50Hz, 380BHP, water cooled multi cylinder diesel generator set with alternator of 45 KVA out put continous rating at 0.8 p.f, and Batteries	1 No	2439570.00
<b>11.1 UPS SYSTEMS</b>				
1521	ELEC-11.1.1	Supply and installation of 800VA, 12VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha.	1 No	8085.00
1522	ELEC-11.1.2	Supply and installation of 1400VA, 24VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha.	1 No	11489.00
1523	ELEC-11.1.3	Supply and installation of 2000VA, 36VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha.	1 No	16340.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	RATE FOR DRAFT SOR 2014-15
1	2	3	4	
1524	ELEC-11.1.4	Supply and installation of 2.0KVA true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power.	1 No	25020.00
1525	ELEC-11.1.5	Supply and installation of 3.0KVA, 72VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power.	1 No	33623.00
1526	ELEC-11.1.6	Supply and installation of 5.0KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power.	1 No	58085.00
1527	ELEC-11.1.7	Supply and installation of 7.5KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power.	1 No	80426.00
1528	ELEC-11.1.8	Supply and installation of 10KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: CONSUL / Power one / Numeric / DB Power.	1 No	93830.00
1529	ELEC-11.1.9	Supply and providing of UPS cum battery rack up to 4 batteries	1 No	1277.00
1530	ELEC-11.1.10	Supply and providing of UPS cum battery rack 5 to 10 batteries	1 No	2447.00
1531	ELEC-11.1.11	Supply and providing of UPS cum battery rack upto 11 to 20 batteries	1 No	4404.00
1532	ELEC-11.1.12	Supply and fixing of 12V 26 AH SMF battery including wire leads make Quanta / Racket / Exide.	1 No	3277.00
1533	ELEC-11.1.13	Supply and fixing of 12V 42 AH SMF battery including wire leads make Quanta / Racket / Exide.	1 No	5486.00
1534	ELEC-11.1.14	Supply and fixing of 12V 65 AH SMF battery including wire leads make Quanta / Racket / Exide.	1 No	6783.00
1535	ELEC-11.1.15	Supply and fixing of 12V 100 AH SMF battery including wire leads make Quanta / Racket / Exide.	1 No	8426.00
1536	ELEC-11.1.16	Supply and fixing of 12V 120 AH SMF battery including wire leads make Quanta / Racket / Exide.	1 No	8936.00
1537	ELEC-11.1.17	Supply and fixing of 12V, 120 AH MF battery including wire leads make Amar Raja(Power Zone) or Equivalent model of Exide / Panasonic / Gotech.	1 No	8480.00
1538	ELEC-11.1.18	Supply and fixing of 12V, 150 AH MF battery including wire leads make Amar Raja(Power Zone) or Equivalent model of Exide / Panasonic / Gotech.	1 No	10850.00